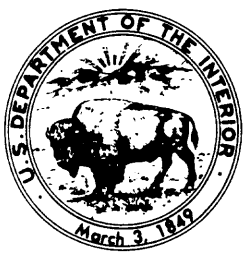
DATA SUPPLEMENT TO THE U.S. GEOLOGICAL SURVEY 1:2,000,000-SCALE MAP OF SHORELINE EROSION AND ACCRETION OF THE MID-ATLANTIC COAST



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DATA SUPPLEMENT TO THE U.S. GEOLOGICAL SURVEY 1:2,000,000-SCALE MAP OF SHORELINE EROSION AND ACCRETION OF THE MIDDLE ATLANTIC COAST

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INTRODUCTION

In 1982, the U.S. Geological Survey published a 1:7,500,000-scale National Atlas map of the shoreline rates of erosion and accretion for the United States. A national data storage and retrieval system, termed the Coastal Erosion Information System (CEIS), was developed as part of that map compilation project (May and others, 1982). This report includes a tabulation and statistical summaries of the data in the CEIS used to compile the middle Atlantic coast map.

THE COASTAL EROSION INFORMATION SYSTEM (CEIS)

The CEIS was designed to provide a framework to store, manage, and analyze large volumes of geographically referenced data on shoreline rates of change. Shoreline data are stored in records identified by longitude and latitude. Each record contains the rate of shoreline change as well as supplemental information on the location, such as the county, the township, or key place names, and the name of the U.S. Geological Survey (USGS) 7.5 minute topographic quadrangle map covering the area.

No standardized methodology has been adopted by coastal engineers and scientists for recording and analyzing changes in shorelines. For this reason, the data in the CEIS were generated in many ways. Each data record includes reference to the methods used to delineate the shoreline changes and the methods that were used to calculate rates of change. There is no attempt to judge the accuracy or reliability of the data.

The shoreline change data used for the middle Atlantic coast map were obtained from several sources (table 1) and include records that span periods ranging from 20 to 165 years. Most of this information, which is listed in the bibliography that follows, was obtained in the form of published tabulated data.

Table 1
Sources of Data for the Middle Atlantic Coast Map, USGS, 1992

New Jersey Monmouth Ocean Atlantic Cape May Cumberland Salem	Crowell, Mark, and Leatherman, S., 1989, Long-term erosion rate determinations from historical shoreline change data: FIA-Risk Studies Division, Federal Emergency Management Agency, Washington, D.C., 35 p.	1855-1986 (inclusive)
	US Army Corps of Engineers, 1956, Delaware Coast from Kitts Hummock to Fenwick Island, Beach Erosion Control Study: U.S. Army Engineer. Dist., Philadelphia, Appendices A-H.	
	US Army Corps of Engineers, 1961, New Jersey Coast of Delaware Bay from Cape May Canal to Maurice River, Beach Erosion Control Study: U.S. Army Engineer Dist., New York	
	US Army Corps of Engineers, 1971, National Shoreline Study, Regional Inventory Report, North Atlantic Region, v. 1: U.S. Army Div., North Atlantic, New York, New York.	
Delaware Kent Sussex	Crowell, Mark, and Leatherman, S., 1989, Long-term erosion rate determinations from historical shoreline change data: FIA-Risk Studies Division, Federal Emergency Management Agency, Washington, D.C., 35 p.	1845-1977
	Kraft, J.C., Allen, E.A., et al., 1975, Delaware's changing shoreline: Tech. Report No. 1, Delaware Coastal Zone Management Program.	
	US Army Corps of Engineers, 1971, National Shoreline Study, Regional Inventory Report, North Atlantic Region, Vol. 1: U.S. Army Div., North Atlantic, New York, New York.	1884-1954 1884-1942 1954-
Maryland Worcester Somerset Dorchester Talbot, Kent Queen Anne's Harford, Baltimore Anne Arundel Calvert, St. Mary's	Dolan, R., Hayden, B., and Heywood, J., 1978, A new photogrammetric method for determining shoreline erosion: Coastal Engineering, v. 2, p. 21-39.	1938-1980
	Maryland Geological Survey, 1975, Historical shorelines and erosion rates: A Maryland Coastal Zone Management Publication.	
	Queen, W.H., 1979, Physical alteration of coastal shorelines: an analysis of Chesapeake Bay shore zone development and regulation: Chesapeake Research Consortium, Pub. No. 64, Annapolis MD.	
	Singewald, J.T., Jr., and Slaughter, T.H.,1949, Shore erosion in Tidewater, Maryland: Bulletin 6, Department of Geology, Mines and Water Resources, State of Maryland, Baltimore.	
Virginia Accomack Northampton Virginia Beach Norfolk, Hampton James City Poquoson, York Gloucester Mathews Middlesex Lancaster	Dolan, R., Hayden, B., and Heywood, J., 1978, A new photogrammetric method for determining shoreline erosion: Coastal Engineering, v. 2, p. 21-39.	1949-1988
	Byrne, J.V. and G.L. Anderson, 1976, Shoreline erosion in Tidewater Virginia: Special Report in Applied Marine Science and Ocean Engineering, No. 111, VIMS, Gloucester Point, VA.	1850-1973
	Espey, Houston & Associates., Inc., Langley & McDonald, Shoreline Enhancement Study for the City of Hampton.	1853-1965
	Everts, C.H., Battley, J.P., Jr., and Gibson, P.N., 1983, "Shoreline movements Report 1, Cape Henry, Virginia to Cape Hatteras, North Carolina, 1849-1980, "U.S. Army Corps of Engineers, Coastal Engineering Research Center, Technical Report CERC-83-1, 111 pp. + 18 maps.	1849-1980
North Carolina Camden, Currituck Dare, Hyde Pamlico Carteret, Onslow Pender New Hanover Brunswick	Dolan, R., Hayden, B., and Heywood, J., 1978, A new photogrammetric method for determining shoreline erosion: Coastal Engineering, v. 2, p. 21-39.	1940-1986
	Everts, C.H., Battley, J.P., Jr., and Gibson, P.N., 1983, Shoreline movements report 1, Cape Henry, Virginia to Cape Hatteras, North Carolina, 1849-1980, U.S. Army Corps of Engineers, Coastal Engineering Research Center, Technical Report CERC-83-1, 111 pp.	1849-1980

REPRESENTING SHORELINE MOVEMENT WITH STATISTICS

The shoreline rate-of-change statistic is expected to reflect a cumulative summary of the processes that have impacted the coast through time. The precision with which values reflect this summary is dependent on: (1) the accuracy of the original digitized or mapped shorelines, (2) the temporal variability of the shoreline, (3) the number of data points (measured shoreline positions) used in calculating the rate, (4) the proximity of each observation to the time of an actual change in the trend of shoreline movement, (5) the period of time between the shoreline measurements, (6) the total time span of shoreline data, and (7) the method used to calculate the rate.

The movement of the shoreline over time usually consists of a predictable component of variation that can be regarded as the trend and short-term variation, or noise. Long-term phenomena, such as a rise in sea level or a systematic change in the natural sediment supply, occur over periods of decades to centuries and produce the more predictable trends. Short-term variation, introduced over periods ranging from days to seasons (Anders and Byrnes, 1991; National Research Council, 1990), contribute to substantial fluctuations in the position of the shoreline. This suggests that both the long- and short-term trends are discernible, although it may be difficult to determine if the processes responsible for these changes function independently or dependently. Some coastal groups rely on long-term trends in shoreline change for policy decisions (Federal Emergency Management Agency, 1988; North Carolina Division of Coastal Management, 1986) and others use current or short-term trends (Savage and Foster, 1989).

Little quantitative information is available for estimating the reliability of long-term versus short-term rates of shoreline change for prediction (Morton, 1991; Dolan and others, 1991, 1992). Furthermore, the definition of long-term depends on the purpose of the investigation, the availability of data, and the temporal variability of the shoreline under study. Naturally, if a shoreline is undergoing change at a constant and uniform rate, the time interval is not an important consideration and the precision of the estimate of change would be high. In reality, few shorelines behave in this manner.

SHORELINE MAPPING METHODS

When developing statistics for predicting shoreline change from highly variable shoreline data, the reliability of the data used is a fundamental issue (Dolan and others, 1991, 1992). The first step in calculating rates of shoreline change is to measure the position of the shoreline as accurately as possible. The methods used to accomplish this procedure are numerous (Crowell and others, 1989; Dolan and others, 1978; Leatherman, 1983; Smith and Zarillo, 1990). The most common sources for shoreline data include aerial photographs, maps (quadrangles) produced by the USGS, nautical charts or topographic sheets (T-sheets) produced by the National Ocean Service, and beach profiles. Shoreline

datums used include the high water line (Dolan and others, 1980), the approximate mean high water line (Foster and Savage, 1989), and the sediment-water interface (White and Morton, 1987).

Shoreline datums for maps and charts vary (Crowell and others, 1991). The NOS uses the mean high water line on T-sheets. For aerial photographs, the actual shoreline position at any given time is dependent on the prevailing oceanographic conditions during the flight. Map and chart shorelines (derived from aerial photographs) are typically an average based on post-survey correction factors (National Research Council, 1990).

The measurement error associated with shoreline delineation methods is well-documented (Anders and Byrnes, 1991; Crowell and others, 1991; Dolan and others, 1980; Leatherman, 1983). Crowell and others (1991) point out that the implications of the photographic and mapping errors is more significant in areas where changes in shoreline positions are small.

Shoreline measurement errors are documented as $\pm$ 8.4 m (about 25 ft) for T-sheets mapped prior to the use of aerial photographs, $\pm$ 5.0 m (about 16 ft) for modern T-sheets, and $\pm$ 12.2 m (35 ft) for 1:24,000-scale USGS quadrangles (Crowell and others, 1991). For aerial photographs, measurement error is a function of scale and the quality of the photography. Crowell and others (1991) calculated, using a root-mean-square approach, that the error range for nontidal coordinated aerial photography (1:10,000) is approximately $\pm$ 7.0 m, (23 ft), not including the potential error associated with interpretations of the high water line.

DATA COLLECTION AND STORAGE

For data used to compile this map, preference was given to regional or statewide data sets spanning a relatively long period of time. All of the data used for the open-ocean coastline of the middle Atlantic coast map was obtained from two high-spatial-resolution data sets (table 1): the "COASTS" data base, generated from aerial photographic analysis at the University of Virginia (Dolan and others, 1978), and the METRIC MAPPING data, compiled by the coastal research group at the University of Maryland (Leatherman, 1983; Crowell and Leatherman, 1989). COASTS data were used for the shorelines of North Carolina, Virginia, and Maryland; the METRIC MAPPING data were used for Delaware and New Jersey, and parts of Virginia and Maryland. Both of these data bases provide shoreline erosion rates at 150-ft (50-m) intervals along the coast. Because the minimum mapping unit (along the coast) for a map of 1:2,000,000-scale is 3 mi (5 km), considerable smoothing and generalization were required to reduce the more than 20,000 individual values to obtain the patterns shown on the map. Several smaller data sets were used for the summaries of erosion and accretion along the shorelines of Chesapeake Bay and Delaware Bay.

PATTERNS OF EROSION AND ACCRETION: MIDDLE ATLANTIC STATES

Table 2 and figure 1 summarize the patterns of shoreline erosion and accretion rates for the middle Atlantic States weighted by length of coastline. Overall, 46 percent of the 662 miles of open ocean-facing coastline from New Jersey to North Carolina is eroding, 17 percent is accreting, and 37 percent of the data is in the stable to minor rate-of-change category. Figures 2 a-d include color strip maps of the data and pie diagrams showing the State by State patterns of change. Twenty-two percent of New Jersey's shoreline, 93 percent of Delaware's, 74.5 percent of Maryland's, 49.5 percent of Virginia's, and 42 percent of North Carolina's shorelines are eroding at rates greater than 0.5 m/yr (1.5 ft/yr). The average rate of bay shoreline erosion is 1.6 m/yr (5.2 ft/yr) for the Chesapeake Bay and 1.1 m/yr (3.6 ft/yr) for Delaware Bay.

There are also numerous significant differences in shoreline erosion and accretion rates within states and between geomorphologic regions along the middle Atlantic coast. One example is given in figures 3 a and b. The erosion rate for the reach of shoreline south of Chesapeake Bay, between Cape Hatteras and Cape Henry, averages 1.7 m/yr (5.1 ft/yr); whereas, for the reach immediately north of the bay, between Cape Charles and Chincoteague (the Virginia barrier islands), the average is 3.7 m/yr (11.2 ft/yr). Explanations for these differences have challenged geologists and oceanographers for many years.

THE DATA PROCESSING AND TABULATIONS

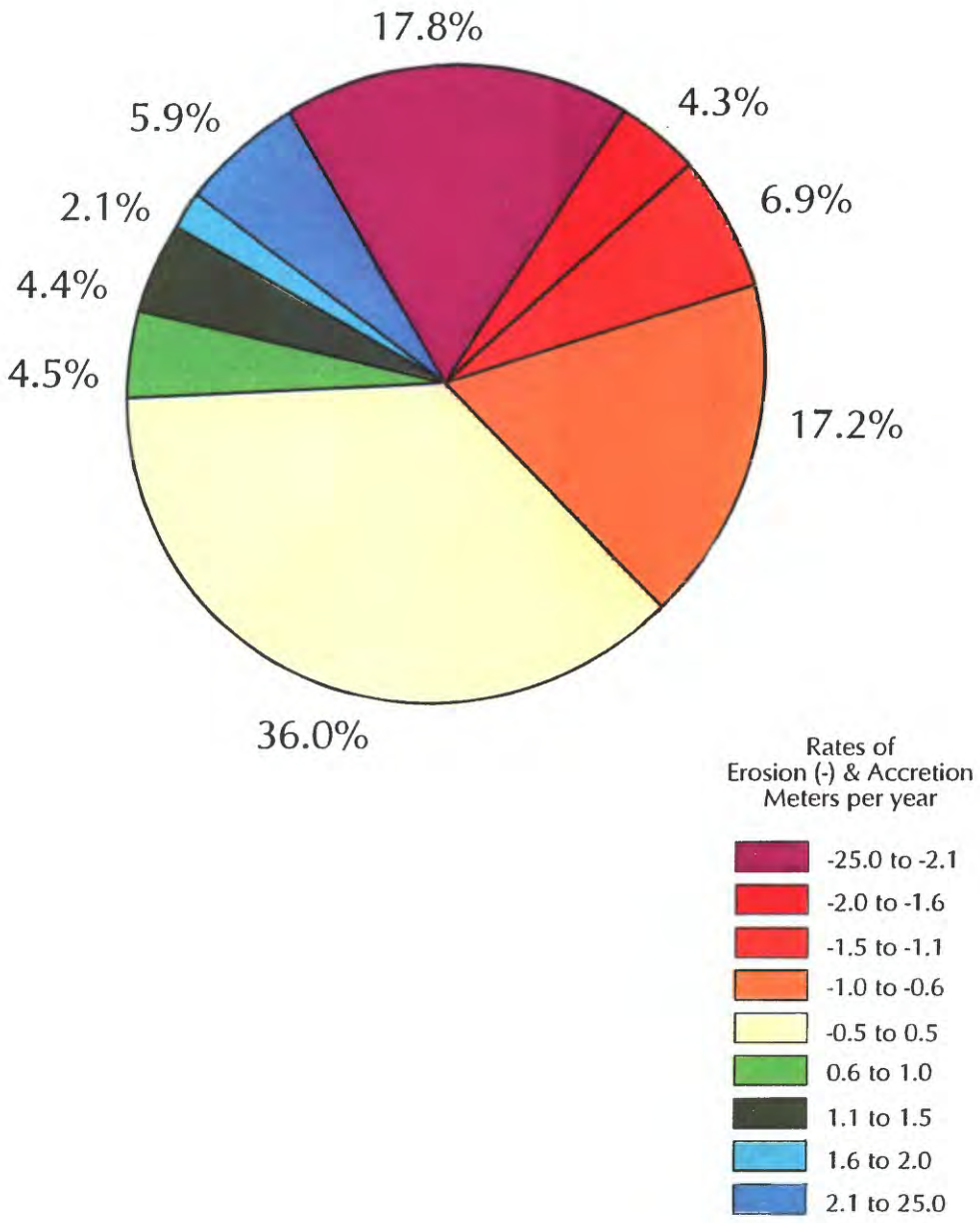
As indicated earlier, two large data sets and several smaller ones were selected from the national CEIS data base to produce the color patterns of shoreline change shown on the middle Atlantic coast map (table 1). The patterns are based on average rates of erosion and accretion calculated at more than 20,000 transects (sites) measured from maps, charts, and aerial photographs spanning periods ranging from 20 to 150 years.

Although the CEIS was originally designed to store and analyze national shoreline trends in 3-minute cells (3.5 mi) around the coastline, a hierarchical structure for data storage and retrieval was added that makes it possible to include data at varying spatial densities (fig. 4). For the middle Atlantic coast map, most of the data were selected from sources that are spaced at 50-m (150-ft) intervals. Only shoreline change data from Delaware Bay and Chesapeake Bay are spaced at 5-km (3-mi) intervals.

To display the CEIS information graphically, the middle Atlantic data sets for New Jersey, Delaware, Maryland, Virginia, and North Carolina were transferred from the CEIS PC-based system to a Macintosh-based system. The following fields from each CEIS record were selected for transfer: (1) transect number, (2) average rate of shoreline change, (3) latitude and longitude, (4) county and state, (5) source of information, (6) period of record, and (7) the spacing level along the coast (spatial resolution). These records were grouped by State for the first phase of the smoothing. Atlas Mapmaker 4.52 and Excel 4.0 were used to transfer and cluster the individual records into the patterns shown.

Table 2
Summary of Shoreline Erosion and Accretion by States

STATES *(excluding Bays)*	Shoreline (mi)	Erosion (%)	Accretion (%)	Minor/Stable (%)
New Jersey	130	22.6	27.4	50.2
Delaware	25	92.5	7.5	7.4
Maryland	31	74.5	0.6	25.0
Virginia	159	49.5	19.4	31.1
North Carolina	317	48.2	14.6	37.3
BAYS	**Shoreline (mi)**	**Erosion (%)**	**Accretion (%)**	**Minor/Stable (%)**
Chesapeake Bay	210	70.0	0.0	30.0
Delaware Bay	92	84.0	0.0	16.0



DATA FOR MIDDLE ATLANTIC COAST WEIGHTED BY LENGTH OF COAST

FIGURE 1

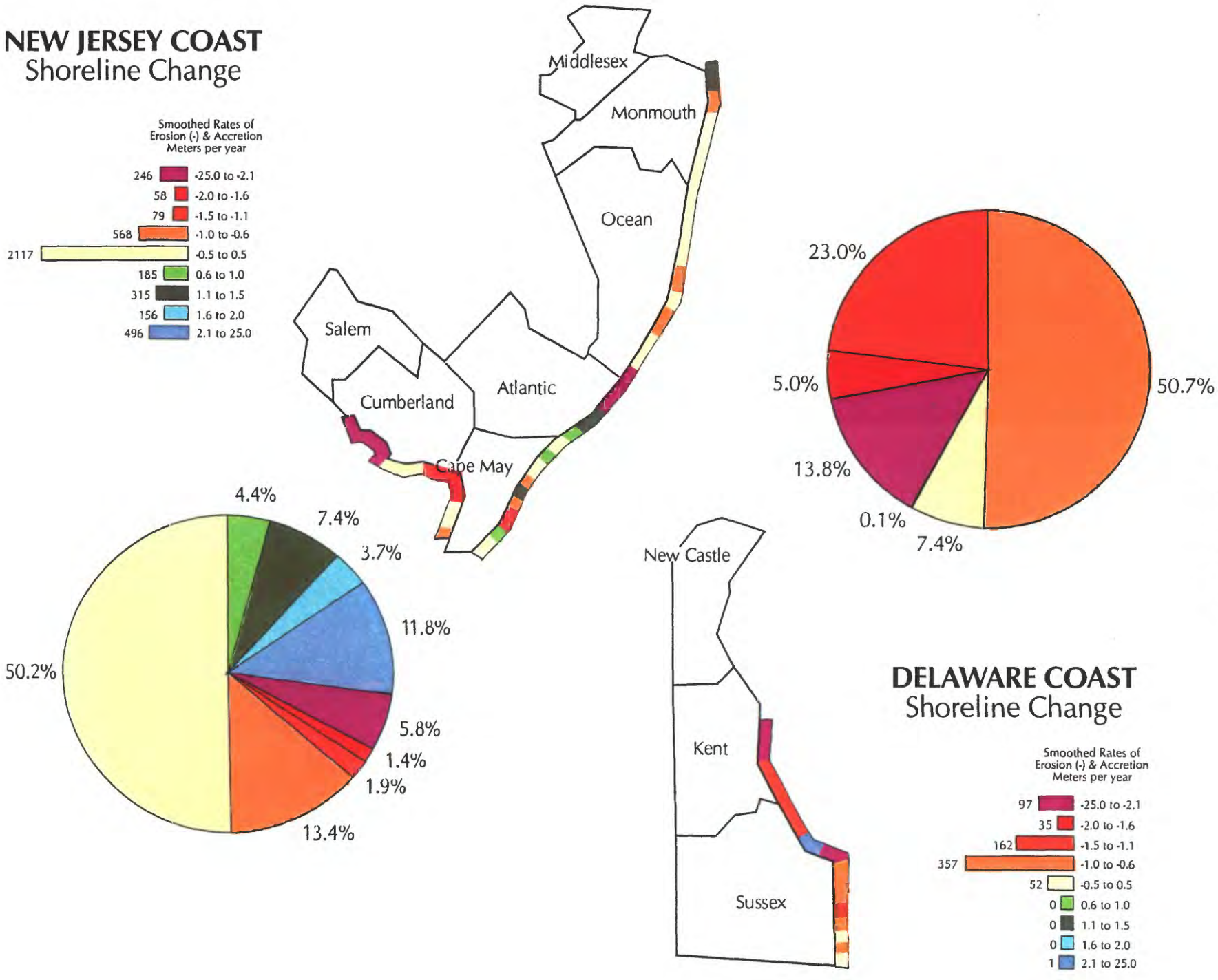
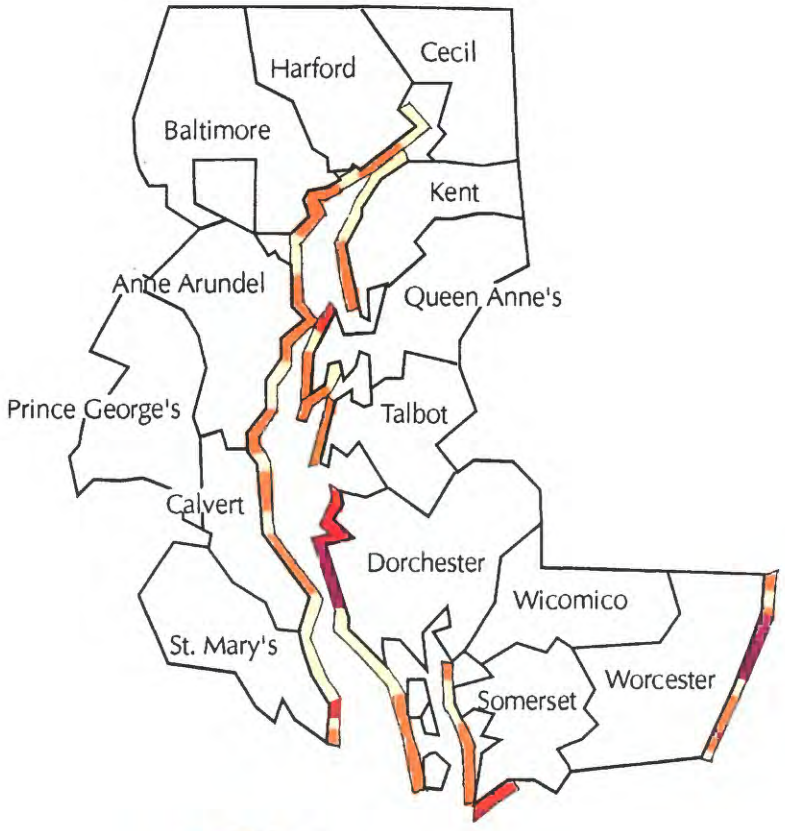
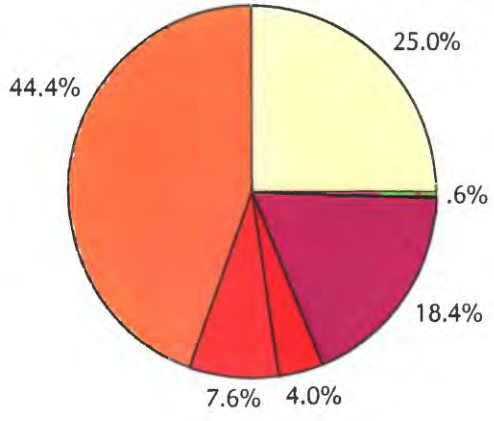
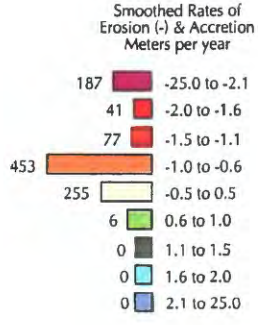

NEW JERSEY COAST
Shoreline Change
Smoothed Rates of Erosion (-) & Accretion Meters per year
246 -25.0 to -2.1
58 -2.0 to -1.6
79 -1.5 to -1.1
568 -1.0 to -0.6
2117 -0.5 to 0.5
185 0.6 to 1.0
315 1.1 to 1.5
156 1.6 to 2.0
496 2.1 to 25.0
Middlesex
Monmouth
Ocean
Salem
Cumberland
Atlantic
Cape May
4.4%
7.4%
3.7%
11.8%
50.2%
5.8%
1.4%
1.9%
13.4%
23.0%
5.0%
50.7%
13.8%
0.1%
7.4%
New Castle
Kent
Sussex
DELAWARE COAST
Shoreline Change
Smoothed Rates of Erosion (-) & Accretion Meters per year
97 -25.0 to -2.1
35 -2.0 to -1.6
162 -1.5 to -1.1
357 -1.0 to -0.6
52 -0.5 to 0.5
0 0.6 to 1.0
0 1.1 to 1.5
0 1.6 to 2.0
1 2.1 to 25.0

FIGURE 2A

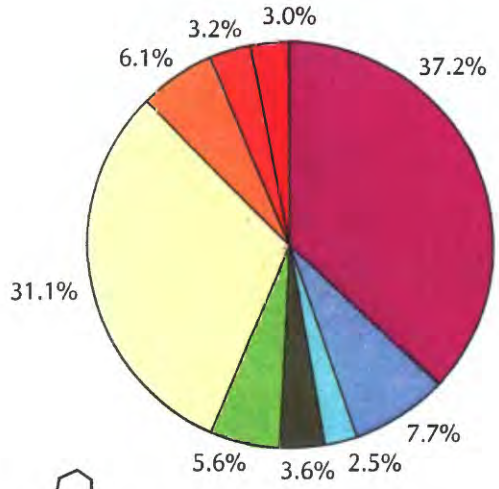
MARYLAND COAST
Shoreline Changes

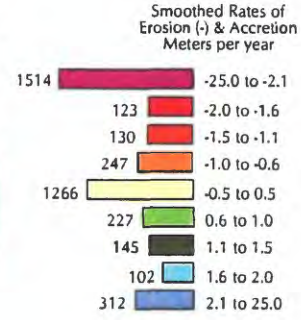






VIRGINIA COAST
Shoreline Changes





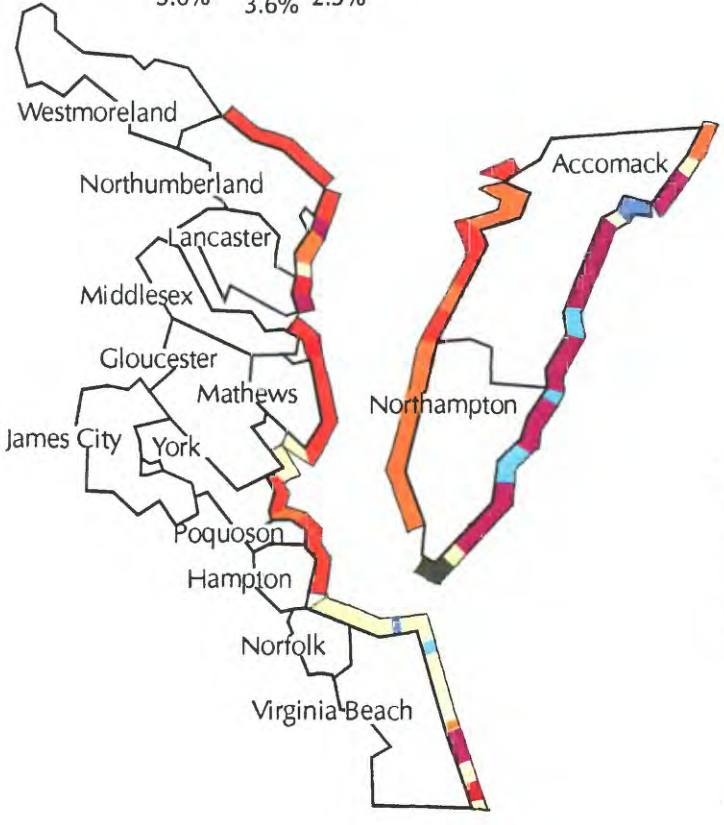


Figure 2B

NORTH CAROLINA COAST
Shoreline Changes

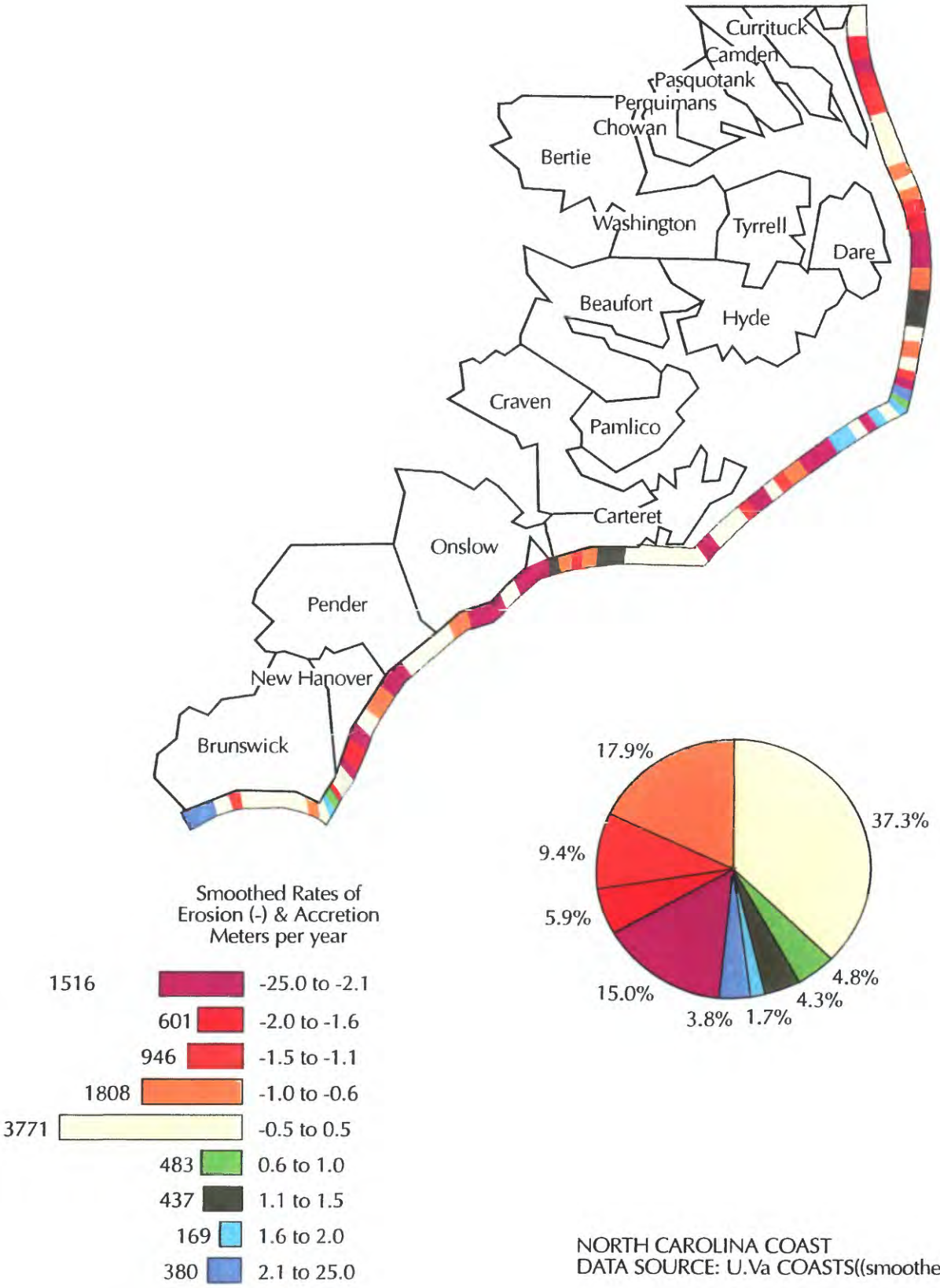
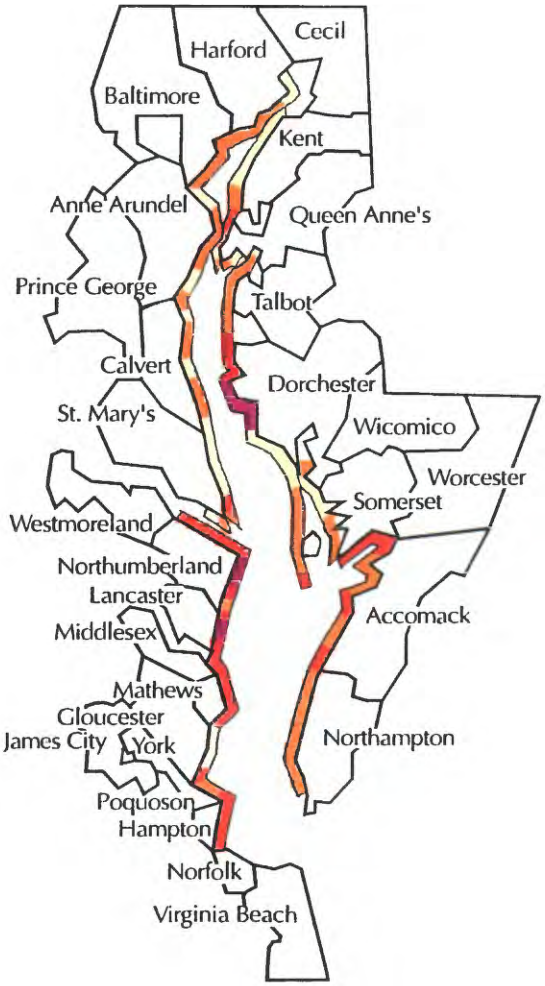
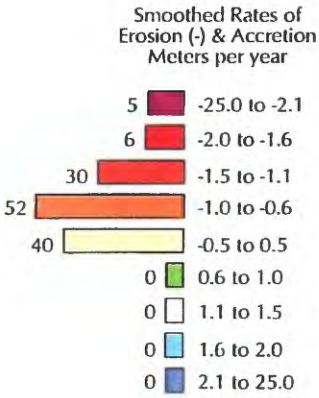
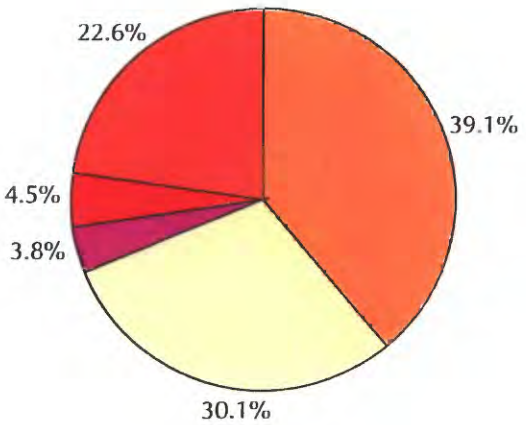


FIGURE 2C

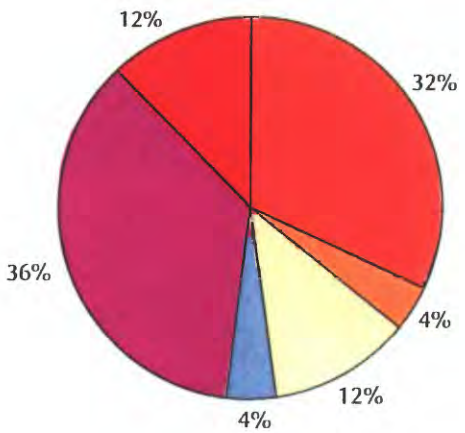


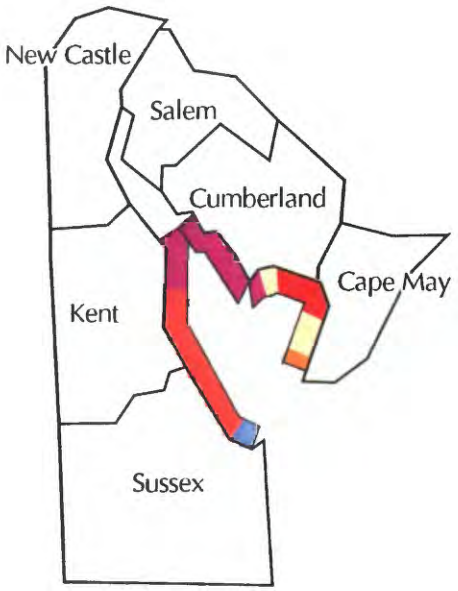
CHESAPEAKE BAY AREA
Shoreline Change





DELAWARE & NEW JERSEY BAY AREA
Shoreline Change





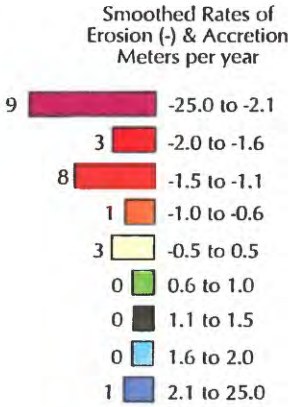
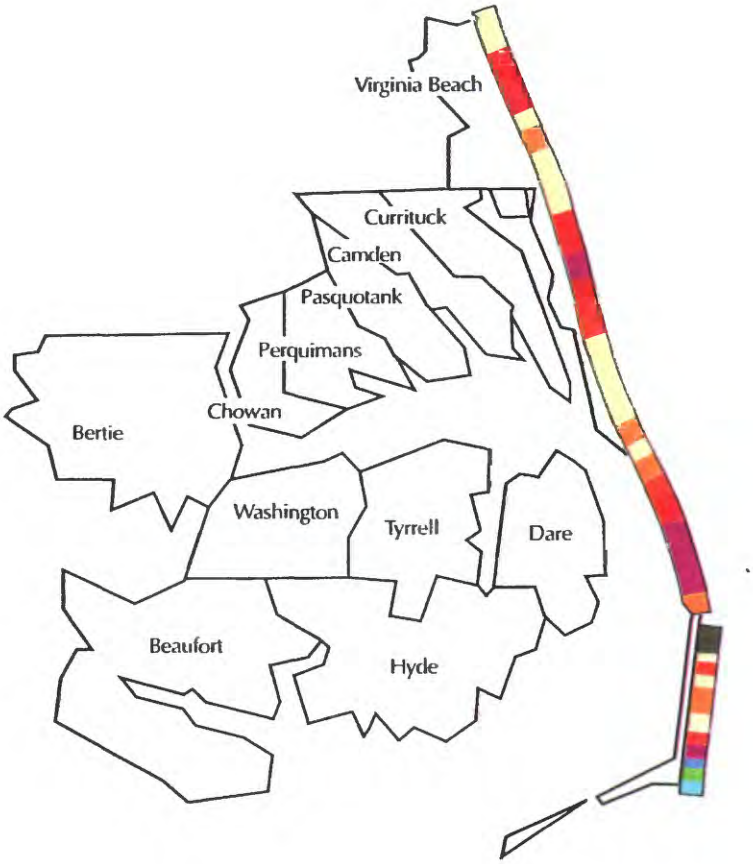
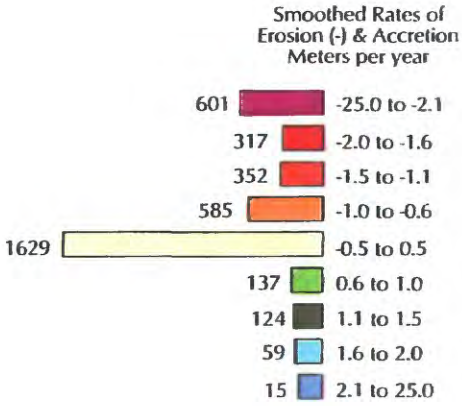


FIGURE 2D

CAPE HENRY, VA to CAPE HATTERAS
Shoreline Change





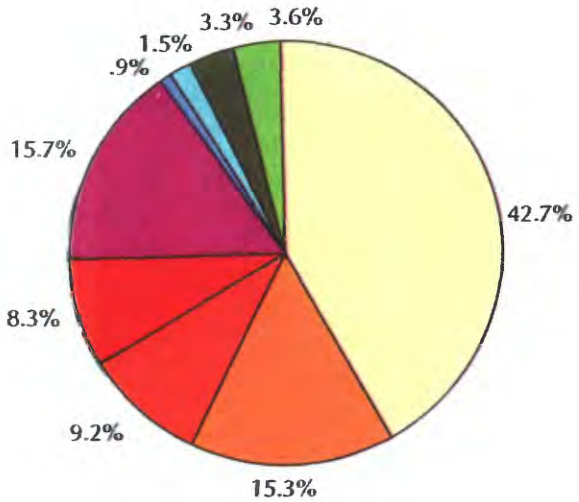


FIGURE 3A

CHINCOTEAGUE to CAPE CHARLES, VIRGINIA
Shoreline Change

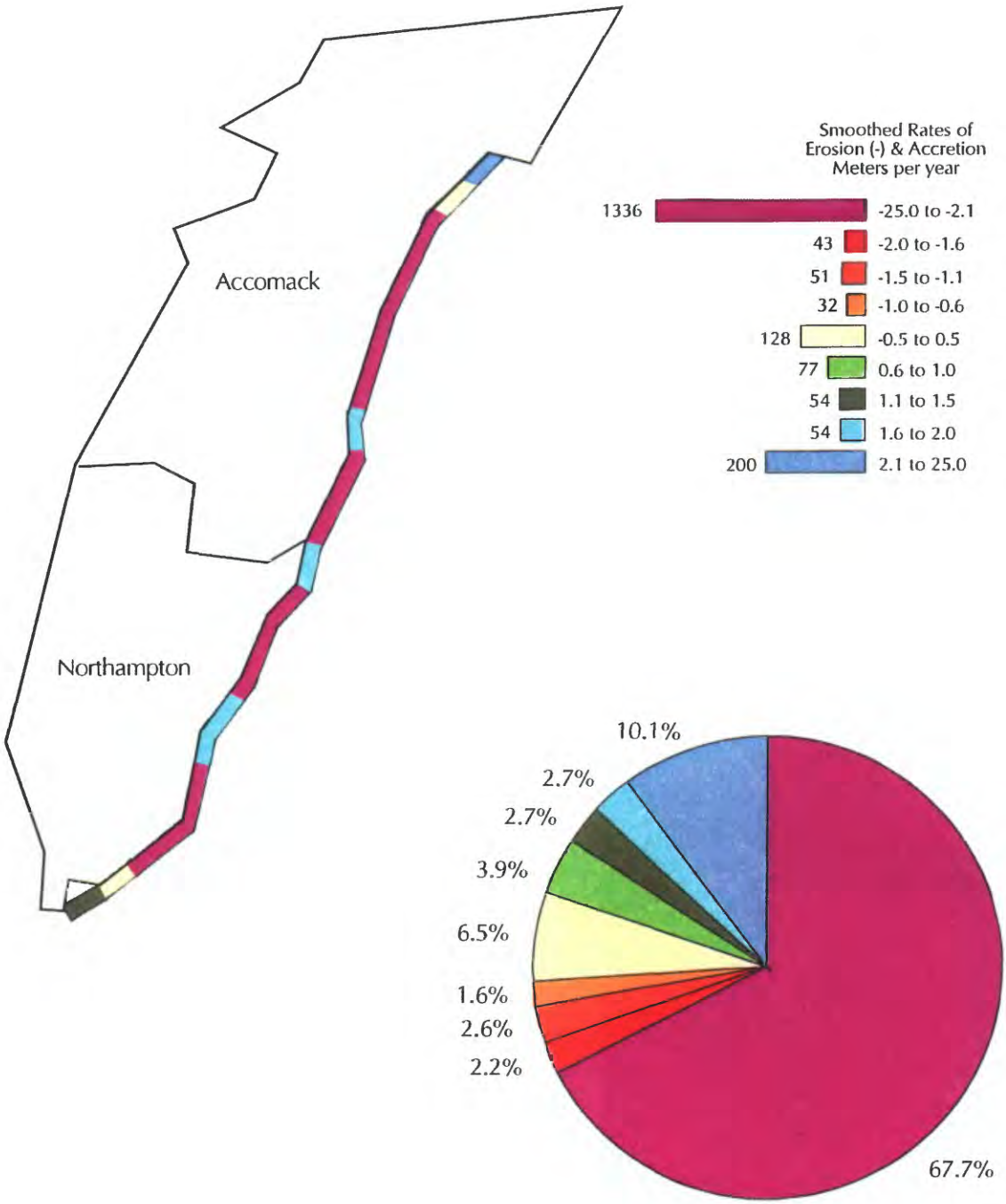
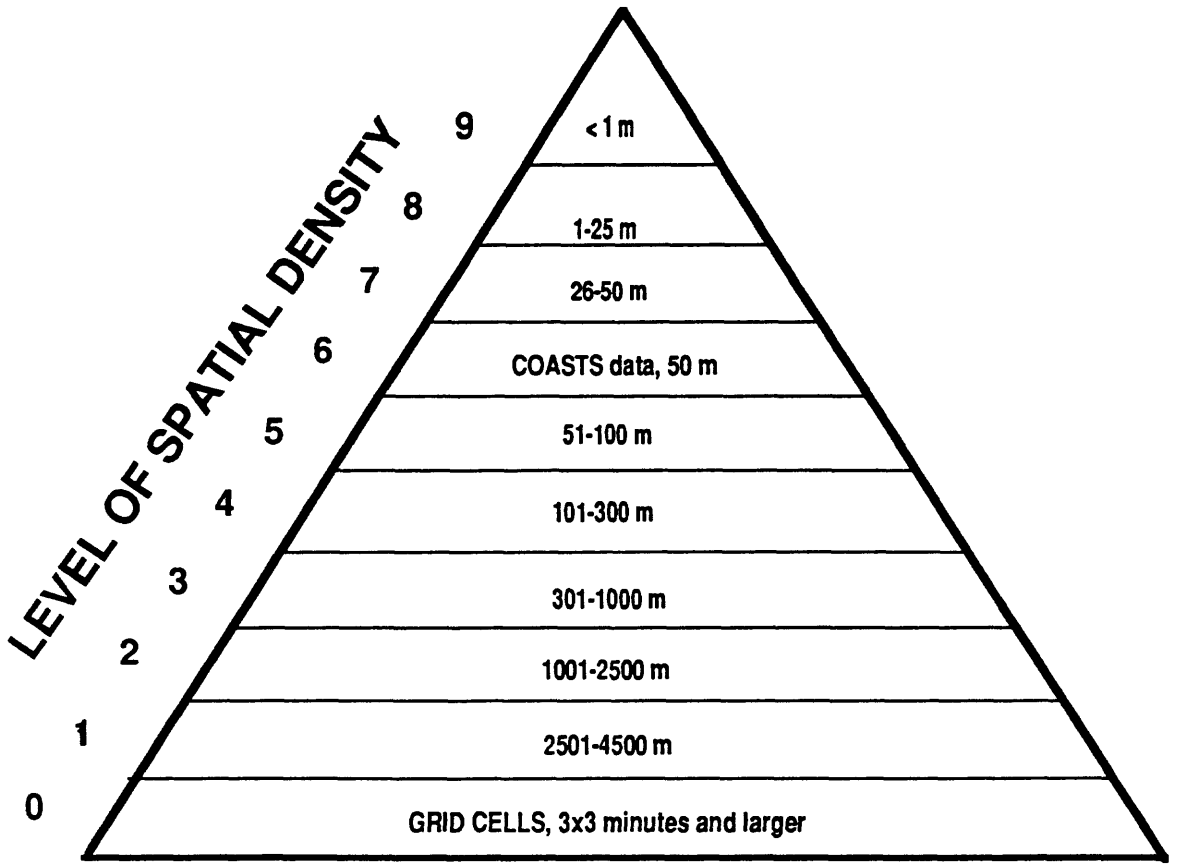


FIGURE 3B



PYRAMIDAL DATA FILE STRUCTURE

FIGURE 4

All transect locations were plotted by the computer as points on a boundary file along the shore side of each coastal county (see color strip maps shown as figure 2). A smoothed data value associated with each transect was imported and placed, as a colored symbol, in one of the nine rate categories. Each smoothed data rate was a transformed value, representing a running average of a 98-transect (3-mi) segment bracketing each point in succession. The point symbols were clustered into similar color categories which facilitated a visual distinction among the shoreline rates plotted on the computer-generated maps. For reaches of the coast where similar patterns of change were not easily discerned, a 5-km (3-mi) minimum mapping unit was used to group adjacent transects into a representative pattern.

The color strip for the middle Atlantic coast map created from the above method contains 102 segments of variable length, visually grouped into one of nine shoreline change categories. In total, these segments, which are positioned parallel to the shore, represent nearly 20,000 data points at 50-m (150-ft) intervals along the coast from the northern boundary of New Jersey to the southern boundary of North Carolina. The main advantage of this method -- color coding and clustering individual transect values -- is that the results, displayed parallel to the coastline, are an easily understood depiction of shoreline change trends. (Note: The minor differences between the color patterns in the 1:2,000,000-scale map and the color-strip maps presented in this report are due to differences in methodologies.)

While visual displays of clustered categories are useful to a wide group of individuals, quantitative interpretation of categorized data is not acceptable. A pilot methodology to quantify the trends of shoreline change was developed for this project. Using latitude divisions (0.04 degrees) corresponding to the minimum mapping unit of the 1:2,000,000-scale map, a representative vertical shore profile was produced. The arithmetic mean for all data within each segment in the profile was calculated and displayed in the color category corresponding to the mean rate.

The principal advantage of the profile method is that each segment represents a numerically defined unit and the profile can be described using standard statistics. The main disadvantage, of course, is that the histogram does not parallel the coastline. For sections of the coastline oriented north/south, the two methods display similar trends in shoreline change. However, in reaches of coast where the actual shore orientation diverges from the north/south histogram abstraction, the three-mile segments are derived from a greater number of data points. For the southern third of the histogram, for example, below Cape Hatteras, a greater smoothing of information is represented by the three-mile segments. Individual extremes in erosion and accretion cancel each other out.

The data used for the middle Atlantic coast map are appended in hard copy to this report, and a high density floppy disk is included. The data are arranged in rows, from north to south, showing transect number, rate of change, and latitude and longitude (expressed with a negative sign for the western hemisphere).

ACKNOWLEDGMENTS

Several individuals and groups have been involved in the production of the middle Atlantic coast map and data supplement. The authors acknowledge the contributions of Mark Crowell; Stephen Leatherman; Bruce Hayden; J.V. Byrne; G.L. Anderson; Espey, Houston & Associates; J.T. Singewald, Jr.; T.H. Slaughter; and the U.S. Army Corps of Engineers. In addition, other individuals working on the map included Coastal Research Associate staff members, Jeannie Lewis Smith, Julia Bryce, and David Beaudry. Special appreciation is given to Robert Smith for the map design and cartographic work. Finally, we thank Max Ethridge, Richard Witmer, and Larry Amos, the National Mapping Division, U.S. Geological Survey, Reston, for their encouragement and support during the duration of the project.

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THE DATA TABULATION

1) All transect rates are in meters per year.

2) Longitude is expressed as a negative for transects in the western hemishere.

3) The tabulation of the data does not necessarily reflect a geographic continuum along the coast because the transects are sorted and printed by latitude and longitude. Adjacent rows in the data tabulation may refer to opposite sides of a barrier island, for example. Therefore, abrupt changes in rate from one transect to the next may be attributed to a complicated configuration of the shoreline from the ocean to the bays.

4) The majority of values reflect rates based on thirty or more years of data, but in some areas such as the Virginia Barrier Islands, the length of record is much shorter; therefore, those data points are of questionable reliability.

5) The symbol "NA" in the data tabulation indicates questionable data points.

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1	2.81	-74.00681	40.47515	NJ	73	2.49	-73.98431	40.45031	NJ	145	-1.55	-73.98247	40.4188	NJ
2	2.59	-74.00632	40.47492	NJ	74	2.55	-73.98407	40.4499	NJ	146	-1.52	-73.98242	40.41835	NJ
3	2.53	-74.00572	40.47479	NJ	75	2.53	-73.98392	40.44946	NJ	147	-1.38	-73.98216	40.41792	NJ
4	2.5	-74.00513	40.47466	NJ	76	2.65	-73.98367	40.44904	NJ	148	-1.02	-73.9816	40.41753	NJ
5	2.3	-74.00459	40.47447	NJ	77	2.8	-73.98346	40.44862	NJ	149	0.04	-73.97997	40.41725	NJ
6	2.02	-74.0041	40.47423	NJ	78	2.89	-73.98328	40.44819	NJ	150	0.22	-73.97971	40.41682	NJ
7	1.73	-74.00359	40.474	NJ	79	2.94	-73.98311	40.44775	NJ	151	0.18	-73.97974	40.41636	NJ
8	1.67	-74.0031	40.47375	NJ	80	2.95	-73.98302	40.44729	NJ	152	0.06	-73.97987	40.41589	NJ
9	3.29	-73.9977	40.47358	NJ	81	3.01	-73.98289	40.44683	NJ	153	-0.08	-73.97998	40.41543	NJ
10	1.67	-74.00259	40.4735	NJ	82	2.99	-73.98283	40.44635	NJ	154	-0.18	-73.98007	40.41496	NJ
11	1.52	-74.00214	40.47321	NJ	83	2.83	-73.98277	40.44604	NJ	155	-0.28	-73.98009	40.41451	NJ
12	3.15	-73.99738	40.47312	NJ	84	2.94	-73.98277	40.44588	NJ	156	-0.35	-73.97997	40.41406	NJ
13	1.36	-74.00166	40.47294	NJ	85	2.8	-73.98276	40.44559	NJ	157	0.13	-73.97935	40.41367	NJ
14	1.28	-74.00119	40.47268	NJ	86	2.82	-73.98277	40.44538	NJ	158	-0.19	-73.97935	40.41324	NJ
15	2.98	-73.99712	40.47256	NJ	87	2.75	-73.98276	40.44513	NJ	159	-0.2	-73.97935	40.41322	NJ
16	1.28	-74.00072	40.47241	NJ	88	2.69	-73.98271	40.44469	NJ	160	-0.32	-73.97942	40.41279	NJ
17	1.15	-74.00035	40.472	NJ	89	2.54	-73.98267	40.44423	NJ	161	-0.48	-73.97946	40.41234	NJ
18	2.78	-73.99695	40.47192	NJ	90	2.41	-73.98259	40.44379	NJ	162	-0.58	-73.97945	40.41189	NJ
19	1.03	-74.00002	40.47157	NJ	91	2.3	-73.98251	40.44334	NJ	163	-0.78	-73.97939	40.41144	NJ
20	2.52	-73.99684	40.47121	NJ	92	2.21	-73.98241	40.4429	NJ	164	-0.89	-73.97926	40.41099	NJ
21	2.2	-73.99673	40.47046	NJ	93	2.11	-73.98228	40.44246	NJ	165	-0.84	-73.9789	40.41056	NJ
22	1.77	-73.99672	40.46964	NJ	94	1.99	-73.98215	40.44202	NJ	166	-0.91	-73.97893	40.41011	NJ
23	1.46	-73.99672	40.46924	NJ	95	1.88	-73.98206	40.44157	NJ	167	-0.89	-73.97887	40.40966	NJ
24	1.15	-73.9968	40.46871	NJ	96	1.2	-73.98201	40.44112	NJ	168	-0.87	-73.9789	40.40921	NJ
25	1.29	-73.9968	40.46868	NJ	97	1.11	-73.98196	40.44067	NJ	169	-0.86	-73.97871	40.40876	NJ
26	1.37	-73.99644	40.46828	NJ	98	1	-73.98198	40.44022	NJ	170	-0.88	-73.97855	40.40832	NJ
27	0.95	-73.99672	40.46824	NJ	99	0.88	-73.98203	40.43976	NJ	171	-0.86	-73.97836	40.40788	NJ
28	0.78	-73.99661	40.46778	NJ	100	0.82	-73.98209	40.4393	NJ	172	-0.63	-73.97743	40.40747	NJ
29	0.36	-73.99648	40.46737	NJ	101	0.73	-73.98215	40.43883	NJ	173	-0.81	-73.97754	40.40701	NJ
30	0.54	-73.99646	40.46733	NJ	102	0.69	-73.98222	40.43837	NJ	174	-0.98	-73.97763	40.40655	NJ
31	0.23	-73.99634	40.46688	NJ	103	0.61	-73.98235	40.43791	NJ	175	-1.19	-73.97769	40.4061	NJ
32	0.24	-73.99615	40.46644	NJ	104	0.51	-73.98245	40.43744	NJ	176	-1.37	-73.97772	40.40565	NJ
33	0.01	-73.99593	40.46603	NJ	105	0.43	-73.98253	40.43698	NJ	177	-1.38	-73.97769	40.4052	NJ
34	0.02	-73.99577	40.46558	NJ	106	0.37	-73.9826	40.43652	NJ	178	-1.06	-73.97726	40.40477	NJ
35	-0.05	-73.99557	40.46516	NJ	107	0.37	-73.98267	40.43605	NJ	179	-1.16	-73.97714	40.40432	NJ
36	-0.17	-73.99533	40.46475	NJ	108	0.3	-73.98276	40.43559	NJ	180	-1.28	-73.97731	40.40386	NJ
37	-0.29	-73.99512	40.46433	NJ	109	0.26	-73.9828	40.43513	NJ	181	-1.42	-73.97742	40.40341	NJ
38	-0.25	-73.99489	40.46391	NJ	110	0.24	-73.98285	40.43467	NJ	182	-1.5	-73.97751	40.40295	NJ
39	-0.2	-73.99472	40.46347	NJ	111	0.2	-73.98288	40.43421	NJ	183	-1.51	-73.97752	40.4025	NJ
40	-0.24	-73.99455	40.46304	NJ	112	0.14	-73.98293	40.43375	NJ	184	-1.51	-73.97746	40.40205	NJ
41	-0.18	-73.99432	40.46262	NJ	113	0.11	-73.98296	40.43329	NJ	185	-1.28	-73.97731	40.40161	NJ
42	-0.09	-73.99411	40.4622	NJ	114	0.12	-73.983	40.43284	NJ	186	-0.5	-73.97615	40.40121	NJ
43	0.02	-73.9939	40.46178	NJ	115	0.03	-73.98302	40.43238	NJ	187	-0.75	-73.97636	40.40075	NJ
44	0.09	-73.99368	40.46136	NJ	116	-0.03	-73.98305	40.43192	NJ	188	-0.66	-73.97633	40.4003	NJ
45	0.06	-73.99348	40.46093	NJ	117	-0.1	-73.98312	40.43146	NJ	189	-0.65	-73.97629	40.39985	NJ
46	0.15	-73.99327	40.46051	NJ	118	-0.09	-73.98303	40.43101	NJ	190	-0.69	-73.97644	40.39939	NJ
47	0.84	-73.99281	40.46017	NJ	119	-0.17	-73.98308	40.43055	NJ	191	-0.75	-73.97655	40.39893	NJ
48	0.97	-73.99243	40.45982	NJ	120	-0.26	-73.98312	40.43009	NJ	192	-0.69	-73.97658	40.39848	NJ
49	1.05	-73.99205	40.45946	NJ	121	-0.32	-73.98309	40.42964	NJ	193	-0.64	-73.9765	40.39803	NJ
50	1.08	-73.9917	40.45909	NJ	122	-0.41	-73.98306	40.42919	NJ	194	-0.61	-73.97612	40.3976	NJ
51	1.14	-73.99133	40.45872	NJ	123	-0.52	-73.98305	40.42874	NJ	195	-0.75	-73.9762	40.39715	NJ
52	1.14	-73.99098	40.45835	NJ	124	-0.65	-73.983	40.42829	NJ	196	-0.75	-73.97626	40.39669	NJ
53	1.15	-73.99062	40.45799	NJ	125	-0.74	-73.98294	40.42784	NJ	197	-0.77	-73.97623	40.39624	NJ
54	1.2	-73.99026	40.45762	NJ	126	-0.8	-73.98285	40.4274	NJ	198	-0.79	-73.97617	40.39579	NJ
55	1.31	-73.98981	40.45728	NJ	127	-0.87	-73.98282	40.42694	NJ	199	-0.88	-73.9761	40.39535	NJ
56	1.37	-73.9894	40.45693	NJ	128	-0.9	-73.98276	40.4265	NJ	200	-1	-73.97604	40.3949	NJ
57	1.42	-73.98897	40.45659	NJ	129	-0.88	-73.98273	40.42605	NJ	201	-0.97	-73.97598	40.39445	NJ
58	1.43	-73.98862	40.45622	NJ	130	-0.9	-73.9827	40.42559	NJ	202	-0.97	-73.97594	40.394	NJ
59	1.45	-73.98824	40.45586	NJ	131	-0.96	-73.98271	40.42514	NJ	203	-0.99	-73.97588	40.39355	NJ
60	1.43	-73.9879	40.45549	NJ	132	-1	-73.9827	40.42469	NJ	204	-0.93	-73.97581	40.3931	NJ
61	1.46	-73.98756	40.45511	NJ	133	-1.07	-73.9827	40.42423	NJ	205	-0.89	-73.97575	40.39265	NJ
62	1.53	-73.98721	40.45474	NJ	134	-1.11	-73.98264	40.42378	NJ	206	-0.77	-73.97543	40.39222	NJ
63	1.62	-73.98683	40.45438	NJ	135	-1.19	-73.9826	40.42333	NJ	207	-0.78	-73.97552	40.39176	NJ
64	1.72	-73.98647	40.45401	NJ	136	-1.3	-73.9826	40.42288	NJ	208	-0.77	-73.97554	40.39131	NJ
65	1.75	-73.98621	40.45361	NJ	137	-1.43	-73.98264	40.42242	NJ	209	-0.42	-73.97511	40.39088	NJ
66	1.8	-73.98593	40.45321	NJ	138	-1.54	-73.98264	40.42196	NJ	210	-0.68	-73.97528	40.39042	NJ
67	1.84	-73.98569	40.4528	NJ	139	-1.56	-73.98268	40.4215	NJ	211	-0.63	-73.97536	40.38997	NJ
68	1.93	-73.98543	40.4524	NJ	140	-1.52	-73.98267	40.42105	NJ	212	-0.65	-73.97545	40.38951	NJ
69	2.08	-73.98509	40.45202	NJ	141	-1.52	-73.9827	40.42059	NJ	213	-0.72	-73.97539	40.38906	NJ
70	2.16	-73.98489	40.45159	NJ	142	-1.51	-73.98264	40.42015	NJ	214	-0.76	-73.97536	40.38861	NJ
71	2.3	-73.9847	40.45117	NJ	143	-1.52	-73.98259	40.4197	NJ	215	-0.78	-73.97527	40.38817	NJ
72	2.41	-73.98451	40.45074	NJ	144	-1.54	-73.98251	40.41925	NJ	216	-0.84	-73.9752	40.38772	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
217	-0.88	-73.97514	40.38727	NJ	289	-0.49	-73.97282	40.3549	NJ	361	-0.61	-73.9761	40.32372	NJ
218	-0.91	-73.97508	40.38682	NJ	290	-0.34	-73.97246	40.35446	NJ	362	-0.66	-73.97624	40.32328	NJ
219	-0.93	-73.97507	40.38637	NJ	291	-0.42	-73.9726	40.35401	NJ	363	-0.74	-73.97638	40.32284	NJ
220	-0.91	-73.97501	40.38592	NJ	292	-0.38	-73.97272	40.35355	NJ	364	-0.84	-73.97656	40.32241	NJ
221	-0.88	-73.97496	40.38547	NJ	293	-0.03	-73.97238	40.35311	NJ	365	-0.37	-73.97594	40.32189	NJ
222	-0.85	-73.97493	40.38502	NJ	294	-0.45	-73.97284	40.35264	NJ	366	-0.41	-73.97588	40.32142	NJ
223	-0.84	-73.9749	40.38457	NJ	295	-0.41	-73.97296	40.35219	NJ	367	-0.54	-73.97615	40.321	NJ
224	-0.79	-73.97485	40.38412	NJ	296	-0.4	-73.97298	40.35173	NJ	368	-0.56	-73.97629	40.32056	NJ
225	-0.78	-73.97482	40.38367	NJ	297	-0.39	-73.97299	40.35128	NJ	369	-0.51	-73.97633	40.32011	NJ
226	-0.77	-73.97478	40.38323	NJ	298	-0.41	-73.97301	40.35083	NJ	370	-0.47	-73.97626	40.31965	NJ
227	-0.74	-73.97472	40.38278	NJ	299	-0.41	-73.97302	40.35038	NJ	371	-0.57	-73.97646	40.31921	NJ
228	-0.77	-73.9747	40.38233	NJ	300	-0.41	-73.97304	40.34993	NJ	372	-0.62	-73.97664	40.31878	NJ
229	-0.78	-73.97469	40.38188	NJ	301	-0.08	-73.97256	40.3495	NJ	373	-0.55	-73.97659	40.31832	NJ
230	-0.79	-73.97466	40.38143	NJ	302	-0.48	-73.97308	40.34902	NJ	374	-0.64	-73.97672	40.31788	NJ
231	-0.81	-73.97464	40.38098	NJ	303	-0.58	-73.97333	40.34856	NJ	375	-0.6	-73.97668	40.31742	NJ
232	-0.44	-73.97404	40.38055	NJ	304	-0.63	-73.97343	40.34811	NJ	376	-0.63	-73.97659	40.31696	NJ
233	-0.62	-73.97424	40.38009	NJ	305	-0.68	-73.97354	40.34765	NJ	377	-0.7	-73.97682	40.31652	NJ
234	-0.67	-73.97437	40.37964	NJ	306	-0.73	-73.97366	40.34719	NJ	378	-0.75	-73.97701	40.31609	NJ
235	-0.7	-73.97441	40.37918	NJ	307	-0.79	-73.97375	40.34674	NJ	379	-0.77	-73.97717	40.31565	NJ
236	-0.74	-73.97444	40.37873	NJ	308	-0.84	-73.97388	40.34628	NJ	380	-0.75	-73.97726	40.31521	NJ
237	-0.71	-73.9745	40.37828	NJ	309	-0.91	-73.97395	40.34583	NJ	381	-0.74	-73.97733	40.31476	NJ
238	-0.71	-73.97447	40.37783	NJ	310	-0.99	-73.97401	40.34537	NJ	382	-0.78	-73.9774	40.31431	NJ
239	-0.67	-73.97446	40.37738	NJ	311	-1.05	-73.97406	40.34492	NJ	383	0.3	-73.97595	40.3137	NJ
240	-0.65	-73.97443	40.37693	NJ	312	-0.89	-73.9738	40.34448	NJ	384	-0.62	-73.97714	40.31337	NJ
241	-0.65	-73.9744	40.37648	NJ	313	-0.71	-73.97343	40.34405	NJ	385	-0.72	-73.97737	40.31295	NJ
242	-0.66	-73.9744	40.37603	NJ	314	-1.06	-73.97385	40.34358	NJ	386	-0.73	-73.97758	40.31251	NJ
243	0.07	-73.97437	40.37558	NJ	315	-1.05	-73.974	40.34312	NJ	387	-0.72	-73.97768	40.31207	NJ
244	-1.02	-73.97435	40.37513	NJ	316	-1.1	-73.97411	40.34267	NJ	388	-0.59	-73.97758	40.31161	NJ
245	-1.02	-73.97433	40.37468	NJ	317	-1.12	-73.97415	40.34221	NJ	389	0.34	-73.97636	40.31102	NJ
246	-1.05	-73.97432	40.37423	NJ	318	-1.11	-73.97417	40.34176	NJ	390	-0.28	-73.97728	40.31066	NJ
247	-1.08	-73.9743	40.37378	NJ	319	-1.11	-73.9742	40.34131	NJ	391	-0.3	-73.97739	40.31022	NJ
248	-1.13	-73.97429	40.37332	NJ	320	-1.06	-73.9742	40.34086	NJ	392	-0.31	-73.97748	40.30977	NJ
249	-1.18	-73.97427	40.37287	NJ	321	-0.93	-73.9742	40.34041	NJ	393	-0.29	-73.97745	40.30932	NJ
250	-1.25	-73.97417	40.37243	NJ	322	-0.78	-73.97421	40.33995	NJ	394	-0.3	-73.97765	40.30888	NJ
251	-0.66	-73.97316	40.37202	NJ	323	-0.77	-73.97421	40.3395	NJ	395	-0.31	-73.97774	40.30844	NJ
252	-0.77	-73.97342	40.37156	NJ	324	-0.71	-73.97426	40.33905	NJ	396	-0.24	-73.97768	40.30798	NJ
253	-0.84	-73.97351	40.3711	NJ	325	-0.75	-73.97429	40.3386	NJ	397	-0.31	-73.97778	40.30753	NJ
254	-0.89	-73.97356	40.37065	NJ	326	-0.78	-73.97435	40.33814	NJ	398	-0.37	-73.97794	40.30709	NJ
255	-0.98	-73.97368	40.37019	NJ	327	-0.81	-73.97437	40.33769	NJ	399	-0.27	-73.97797	40.30664	NJ
256	-1.04	-73.97375	40.36974	NJ	328	-0.83	-73.9744	40.33724	NJ	400	-0.22	-73.978	40.30619	NJ
257	-1.12	-73.97379	40.36929	NJ	329	-0.84	-73.97443	40.33679	NJ	401	-0.31	-73.97816	40.30576	NJ
258	-1.1	-73.97372	40.36884	NJ	330	-0.76	-73.97427	40.33634	NJ	402	-0.28	-73.97815	40.3053	NJ
259	-1.05	-73.97353	40.3684	NJ	331	-0.77	-73.97446	40.33588	NJ	403	-0.22	-73.97801	40.30483	NJ
260	-1.09	-73.97353	40.36795	NJ	332	-0.72	-73.97453	40.33543	NJ	404	-0.3	-73.97821	40.3044	NJ
261	-0.83	-73.97324	40.36751	NJ	333	-0.79	-73.97459	40.33498	NJ	405	-0.24	-73.97818	40.30394	NJ
262	-1.21	-73.97359	40.36704	NJ	334	-0.72	-73.97456	40.33453	NJ	406	0.78	-73.9769	40.30335	NJ
263	-0.79	-73.97307	40.36661	NJ	335	-0.35	-73.97408	40.3341	NJ	407	1.47	-73.97598	40.30279	NJ
264	-0.64	-73.97269	40.36618	NJ	336	0.01	-73.97357	40.33367	NJ	408	-0.01	-73.97803	40.30256	NJ
265	-0.78	-73.97284	40.36572	NJ	337	0.38	-73.97314	40.33324	NJ	409	-0.05	-73.97826	40.30213	NJ
266	-0.84	-73.97292	40.36527	NJ	338	0.16	-73.97305	40.33279	NJ	410	-0.08	-73.97836	40.30169	NJ
267	-0.89	-73.97295	40.36481	NJ	339	0.02	-73.97353	40.33232	NJ	411	-0.1	-73.97849	40.30124	NJ
268	-0.88	-73.97295	40.36436	NJ	340	-0.09	-73.97383	40.33185	NJ	412	-0.06	-73.97855	40.30079	NJ
269	-0.66	-73.97273	40.36392	NJ	341	-0.14	-73.97412	40.33139	NJ	413	0.05	-73.9785	40.30033	NJ
270	-0.77	-73.97276	40.36347	NJ	342	-0.14	-73.97417	40.33124	NJ	414	-0.01	-73.97868	40.2999	NJ
271	-0.76	-73.97278	40.36302	NJ	343	-0.13	-73.9742	40.33093	NJ	415	-0.06	-73.97887	40.29947	NJ
272	-0.75	-73.97276	40.36257	NJ	344	-0.12	-73.97421	40.3308	NJ	416	-0.14	-73.97906	40.29903	NJ
273	-0.51	-73.97237	40.36213	NJ	345	-0.1	-73.97427	40.33048	NJ	417	-0.16	-73.97913	40.29858	NJ
274	-0.67	-73.9725	40.36168	NJ	346	-0.09	-73.97427	40.33035	NJ	418	-0.21	-73.97929	40.29815	NJ
275	-0.74	-73.97263	40.36122	NJ	347	-0.12	-73.9744	40.3299	NJ	419	-0.19	-73.97932	40.2977	NJ
276	-0.74	-73.97272	40.36076	NJ	348	-0.11	-73.97449	40.32946	NJ	420	-0.06	-73.97923	40.29723	NJ
277	-0.75	-73.97279	40.36031	NJ	349	-0.13	-73.97456	40.32901	NJ	421	-0.02	-73.97925	40.29678	NJ
278	-0.72	-73.97272	40.35986	NJ	350	-0.08	-73.97462	40.32857	NJ	422	-0.09	-73.97945	40.29634	NJ
279	-0.41	-73.97247	40.35942	NJ	351	-0.06	-73.97475	40.32812	NJ	423	0.27	-73.97903	40.29585	NJ
280	-0.49	-73.97266	40.35896	NJ	352	-0.1	-73.97485	40.32768	NJ	424	-0.12	-73.97968	40.29546	NJ
281	-0.49	-73.97273	40.35851	NJ	353	-0.15	-73.97499	40.32724	NJ	425	-0.07	-73.97974	40.29501	NJ
282	-0.52	-73.97279	40.35806	NJ	354	0.45	-73.97423	40.3267	NJ	426	0.12	-73.97952	40.29454	NJ
283	-0.55	-73.97281	40.3576	NJ	355	-0.44	-73.9754	40.32637	NJ	427	-0.02	-73.97984	40.29411	NJ
284	-0.55	-73.97282	40.35715	NJ	356	-0.51	-73.97562	40.32594	NJ	428	0.41	-73.97945	40.29362	NJ
285	-0.55	-73.97282	40.3567	NJ	357	-0.61	-73.97578	40.32551	NJ	429	-0.05	-73.98018	40.29324	NJ
286	-0.53	-73.97285	40.35625	NJ	358	-0.43	-73.97571	40.32504	NJ	430	-0.04	-73.98029	40.2928	NJ
287	-0.49	-73.97287	40.3558	NJ	359	-0.49	-73.97585	40.3246	NJ	431	-0.03	-73.98036	40.29235	NJ
288	-0.5	-73.97289	40.35535	NJ	360	-0.56	-73.97598	40.32416	NJ	432	-0.05	-73.9805	40.29191	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
433	0.28	-73.98016	40.29142	NJ	505	-0.1	-73.98849	40.25958	NJ	577	0.14	-73.99698	40.22818	NJ
434	-0.05	-73.98074	40.29103	NJ	506	-0.09	-73.98856	40.25913	NJ	578	0.22	-73.99699	40.22772	NJ
435	-0.02	-73.98082	40.29058	NJ	507	-0.08	-73.98863	40.25868	NJ	579	0.11	-73.99731	40.22731	NJ
436	0.07	-73.9807	40.29011	NJ	508	-0.06	-73.98869	40.25823	NJ	580	0.07	-73.99757	40.2269	NJ
437	-0.02	-73.98106	40.2897	NJ	509	1	-73.98727	40.25763	NJ	581	0.03	-73.99776	40.22647	NJ
438	-0.05	-73.98123	40.28926	NJ	510	-0.08	-73.98869	40.25733	NJ	582	0.13	-73.99782	40.22602	NJ
439	-0.09	-73.98135	40.28882	NJ	511	0.36	-73.98833	40.25683	NJ	583	0.34	-73.99771	40.22553	NJ
440	0	-73.98129	40.28836	NJ	512	-0.16	-73.98904	40.25645	NJ	584	0.17	-73.99812	40.22515	NJ
441	0	-73.98135	40.28791	NJ	513	-0.43	-73.98933	40.25603	NJ	585	0.12	-73.99838	40.22474	NJ
442	-0.01	-73.98148	40.28747	NJ	514	-0.42	-73.98959	40.2556	NJ	586	0.18	-73.99841	40.22428	NJ
443	0.46	-73.98087	40.28695	NJ	515	-0.45	-73.98982	40.25517	NJ	587	0.95	-73.99756	40.22364	NJ
444	-0.08	-73.98157	40.28657	NJ	516	-0.44	-73.99002	40.25474	NJ	588	0.95	-73.99773	40.22321	NJ
445	0.05	-73.9816	40.28612	NJ	517	-0.34	-73.99013	40.2543	NJ	589	0.28	-73.9986	40.22292	NJ
446	0.09	-73.98151	40.28565	NJ	518	-0.3	-73.99019	40.25385	NJ	590	0.21	-73.99879	40.22249	NJ
447	-0.03	-73.98181	40.28523	NJ	519	-0.22	-73.99019	40.25339	NJ	591	0.36	-73.99884	40.22204	NJ
448	-0.12	-73.98196	40.28479	NJ	520	-0.14	-73.98991	40.25291	NJ	592	0.32	-73.99886	40.22157	NJ
449	-0.18	-73.98215	40.28436	NJ	521	-0.27	-73.99023	40.25249	NJ	593	0.25	-73.99922	40.22118	NJ
450	-0.19	-73.98228	40.28392	NJ	522	-0.32	-73.99049	40.25206	NJ	594	0.21	-73.99951	40.22077	NJ
451	-0.13	-73.98232	40.28347	NJ	523	-0.27	-73.99068	40.25163	NJ	595	0.22	-73.99973	40.22035	NJ
452	-0.15	-73.98239	40.28302	NJ	524	-0.18	-73.99075	40.25118	NJ	596	0.2	-73.99985	40.21991	NJ
453	-0.2	-73.98251	40.28258	NJ	525	0.75	-73.98959	40.2506	NJ	597	0.22	-73.99992	40.21946	NJ
454	0.34	-73.98193	40.28206	NJ	526	-0.34	-73.99098	40.2503	NJ	598	0.31	-73.99994	40.219	NJ
455	-0.09	-73.98259	40.28168	NJ	527	-0.41	-73.99132	40.24988	NJ	599	0.41	-73.99982	40.21851	NJ
456	-0.08	-73.98265	40.28123	NJ	528	-0.46	-73.99159	40.24945	NJ	600	0.33	-74.00014	40.2181	NJ
457	-0.06	-73.9826	40.28077	NJ	529	-0.46	-73.99159	40.24943	NJ	601	0.3	-74.00038	40.21769	NJ
458	-0.12	-73.98285	40.28034	NJ	530	-0.51	-73.99181	40.24902	NJ	602	0.32	-74.00047	40.21724	NJ
459	-0.08	-73.98294	40.2799	NJ	531	-0.51	-73.99181	40.24901	NJ	603	0.38	-74.00052	40.21679	NJ
460	0.03	-73.98283	40.27943	NJ	532	-0.46	-73.99197	40.24858	NJ	604	0.31	-74.00041	40.2163	NJ
461	-0.04	-73.98305	40.279	NJ	533	-0.46	-73.99208	40.24813	NJ	605	0.21	-74.00078	40.21591	NJ
462	-0.05	-73.98318	40.27856	NJ	534	-0.55	-73.99237	40.24773	NJ	606	0.09	-74.00107	40.2155	NJ
463	0.23	-73.98286	40.27807	NJ	535	-0.6	-73.99258	40.2473	NJ	607	0.1	-74.00143	40.21511	NJ
464	-0.14	-73.98328	40.27766	NJ	536	-0.59	-73.99274	40.24687	NJ	608	0.18	-74.00153	40.21466	NJ
465	-0.21	-73.98352	40.27723	NJ	537	-0.33	-73.99249	40.24635	NJ	609	0.2	-74.00165	40.21422	NJ
466	-0.23	-73.98373	40.2768	NJ	538	-0.36	-73.99268	40.24593	NJ	610	0.1	-74.00192	40.21381	NJ
467	-0.19	-73.9838	40.27635	NJ	539	0.72	-73.99133	40.2452	NJ	611	0.05	-74.00217	40.21339	NJ
468	-0.03	-73.98361	40.27588	NJ	540	-0.44	-73.99284	40.24503	NJ	612	0.1	-74.00227	40.21295	NJ
469	-0.3	-73.98395	40.27546	NJ	541	-0.5	-73.99318	40.24463	NJ	613	0.15	-74.00233	40.2125	NJ
470	-0.22	-73.98412	40.27502	NJ	542	-0.45	-73.99344	40.24422	NJ	614	0.11	-74.00256	40.21207	NJ
471	-0.16	-73.98422	40.27458	NJ	543	-0.45	-73.99358	40.24378	NJ	615	0.06	-74.00279	40.21165	NJ
472	-0.14	-73.98433	40.27413	NJ	544	-0.39	-73.99342	40.24328	NJ	616	-0.01	-74.00296	40.21122	NJ
473	-0.06	-73.98433	40.27368	NJ	545	-0.37	-73.9935	40.24283	NJ	617	0.01	-74.00308	40.21078	NJ
474	-0.06	-73.98453	40.27325	NJ	546	-0.23	-73.99347	40.24236	NJ	618	0.71	-74.00227	40.21016	NJ
475	-0.06	-73.98466	40.27281	NJ	547	-0.17	-73.99365	40.24193	NJ	619	-0.14	-74.00352	40.20994	NJ
476	-0.01	-73.98479	40.27236	NJ	548	-0.31	-73.99397	40.24153	NJ	620	-0.23	-74.00375	40.20952	NJ
477	-0.02	-73.98486	40.27192	NJ	549	-0.35	-73.99416	40.2411	NJ	621	-0.1	-74.00401	40.20911	NJ
478	-0.01	-73.98495	40.27147	NJ	550	-0.34	-73.99429	40.24067	NJ	622	-0.12	-74.0042	40.20868	NJ
479	NA	-73.98509	40.27103	NJ	551	-0.3	-73.99438	40.24022	NJ	623	-0.39	-74.00439	40.20825	NJ
480	-0.09	-73.98528	40.2706	NJ	552	-0.23	-73.99443	40.23976	NJ	624	-0.47	-74.00462	40.20783	NJ
481	-0.09	-73.98535	40.27015	NJ	553	-0.31	-73.99471	40.23935	NJ	625	-0.51	-74.00485	40.20741	NJ
482	0.51	-73.98468	40.26962	NJ	554	-0.33	-73.99484	40.23892	NJ	626	-0.5	-74.00499	40.20697	NJ
483	0.51	-73.98477	40.26918	NJ	555	-0.32	-73.995	40.23848	NJ	627	-0.51	-74.00514	40.20654	NJ
484	-0.09	-73.98572	40.26883	NJ	556	-0.29	-73.99509	40.23803	NJ	628	-0.54	-74.00533	40.20611	NJ
485	-0.1	-73.98586	40.26839	NJ	557	0.05	-73.99483	40.23752	NJ	629	-0.51	-74.00543	40.20567	NJ
486	-0.09	-73.98596	40.26794	NJ	558	0.48	-73.99451	40.23652	NJ	630	-0.46	-74.00552	40.20522	NJ
487	0.46	-73.98535	40.26742	NJ	559	0.29	-73.9949	40.23614	NJ	631	-0.34	-74.00555	40.20476	NJ
488	-0.09	-73.98627	40.26707	NJ	560	0.16	-73.99518	40.23573	NJ	632	-0.45	-74.00584	40.20435	NJ
489	-0.1	-73.98639	40.26663	NJ	561	0.13	-73.99538	40.2353	NJ	633	-0.5	-74.00606	40.20393	NJ
490	0.48	-73.9857	40.2661	NJ	562	0.13	-73.99554	40.23487	NJ	634	-0.55	-74.00633	40.20352	NJ
491	-0.09	-73.98656	40.26574	NJ	563	0.03	-73.99582	40.23446	NJ	635	-0.53	-74.00644	40.20308	NJ
492	0.57	-73.98589	40.26521	NJ	564	-0.07	-73.99609	40.23405	NJ	636	-0.51	-74.00659	40.20264	NJ
493	0.55	-73.98605	40.26477	NJ	565	-0.16	-73.99632	40.23363	NJ	637	-0.53	-74.00677	40.20221	NJ
494	-0.17	-73.98698	40.26442	NJ	566	-0.2	-73.99651	40.2332	NJ	638	-0.44	-74.00676	40.20174	NJ
495	0.51	-73.98637	40.2639	NJ	567	-0.28	-73.99673	40.23278	NJ	639	-0.35	-74.00677	40.20128	NJ
496	0.49	-73.98651	40.26346	NJ	568	-0.34	-73.99687	40.23234	NJ	640	-0.43	-74.00703	40.20087	NJ
497	-0.27	-73.98763	40.26312	NJ	569	-0.39	-73.99696	40.2319	NJ	641	-0.56	-74.00737	40.20047	NJ
498	-0.27	-73.98778	40.26268	NJ	570	-0.41	-73.99707	40.23145	NJ	642	-0.6	-74.00755	40.20004	NJ
499	-0.27	-73.98767	40.26222	NJ	571	-0.38	-73.99712	40.23099	NJ	643	-0.59	-74.00769	40.1996	NJ
500	-0.28	-73.98801	40.2618	NJ	572	0.02	-73.99702	40.23051	NJ	644	-0.57	-74.00783	40.19916	NJ
501	-0.29	-73.98817	40.26136	NJ	573	0.25	-73.99622	40.22988	NJ	645	-0.54	-74.00795	40.19872	NJ
502	-0.23	-73.98817	40.26091	NJ	574	0.05	-73.99651	40.22948	NJ	646	-0.46	-74.00795	40.19826	NJ
503	-0.21	-73.98834	40.26047	NJ	575	0.05	-73.99677	40.22906	NJ	647	-0.47	-74.00804	40.19781	NJ
504	-0.13	-73.9883	40.26001	NJ	576	0.08	-73.99693	40.22863	NJ	648	0.59	-74.00677	40.1971	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
649	-0.42	-74.00829	40.19693	NJ	721	-0.04	-74.01787	40.16442	NJ	793	-0.16	-74.02798	40.13269	NJ
650	-0.52	-74.00853	40.19651	NJ	722	-0.06	-74.01807	40.16399	NJ	794	-0.24	-74.02821	40.13227	NJ
651	-0.55	-74.00867	40.19608	NJ	723	NA	-74.01814	40.16354	NJ	795	-0.24	-74.02843	40.13184	NJ
652	-0.56	-74.00877	40.19563	NJ	724	1.06	-74.01691	40.16283	NJ	796	-0.21	-74.02853	40.1314	NJ
653	-0.47	-74.00876	40.19516	NJ	725	-0.09	-74.0183	40.16264	NJ	797	-0.23	-74.02869	40.13096	NJ
654	1.02	-74.00685	40.19432	NJ	726	-0.14	-74.01857	40.16223	NJ	798	-0.2	-74.02884	40.13053	NJ
655	-0.07	-74.00845	40.19417	NJ	727	-0.11	-74.01881	40.16181	NJ	799	-0.09	-74.02881	40.13006	NJ
656	-0.17	-74.00873	40.19376	NJ	728	-0.04	-74.01901	40.16139	NJ	800	-0.1	-74.02866	40.12958	NJ
657	-0.17	-74.0089	40.19333	NJ	729	-0.02	-74.01913	40.16095	NJ	801	-0.19	-74.02905	40.12918	NJ
658	-0.12	-74.00896	40.19288	NJ	730	0.1	-74.01915	40.16048	NJ	802	-0.26	-74.0293	40.12876	NJ
659	-0.06	-74.00897	40.19241	NJ	731	0.21	-74.01881	40.15995	NJ	803	-0.26	-74.02953	40.12833	NJ
660	0.09	-74.00883	40.19192	NJ	732	0.14	-74.0192	40.15956	NJ	804	-0.26	-74.02979	40.12791	NJ
661	-0.16	-74.0092	40.19153	NJ	733	0.12	-74.01949	40.15915	NJ	805	-0.24	-74.02998	40.12748	NJ
662	-0.25	-74.00938	40.1911	NJ	734	0.12	-74.01968	40.15873	NJ	806	-0.28	-74.03003	40.12703	NJ
663	-0.21	-74.0094	40.19064	NJ	735	0.14	-74.01981	40.15829	NJ	807	0.14	-74.02968	40.12652	NJ
664	-0.16	-74.00935	40.19017	NJ	736	0.19	-74.01976	40.15781	NJ	808	-0.34	-74.03004	40.12612	NJ
665	-0.21	-74.00945	40.18972	NJ	737	0.05	-74.01988	40.15737	NJ	809	-0.34	-74.0303	40.1257	NJ
666	-0.12	-74.00964	40.18929	NJ	738	-0.09	-74.0202	40.15697	NJ	810	-0.34	-74.03049	40.12526	NJ
667	-0.43	-74.00978	40.18886	NJ	739	-0.1	-74.02046	40.15656	NJ	811	0.28	-74.02998	40.12474	NJ
668	-0.27	-74.0098	40.18839	NJ	740	-0.11	-74.02063	40.15612	NJ	812	-0.13	-74.03041	40.12434	NJ
669	0.77	-74.00858	40.18769	NJ	741	-0.07	-74.02071	40.15567	NJ	813	-0.05	-74.03056	40.1239	NJ
670	1.12	-74.00793	40.18617	NJ	742	0.06	-74.02074	40.15522	NJ	814	0.61	-74.02989	40.12335	NJ
671	0.93	-74.00838	40.18579	NJ	743	0.13	-74.02065	40.15474	NJ	815	0.13	-74.03061	40.12299	NJ
672	0.92	-74.00874	40.1854	NJ	744	-0.06	-74.02101	40.15434	NJ	816	-0.21	-74.03098	40.12258	NJ
673	0.89	-74.00906	40.18499	NJ	745	-0.14	-74.02127	40.15393	NJ	817	-0.14	-74.03094	40.12212	NJ
674	0.83	-74.00935	40.18459	NJ	746	-0.15	-74.02148	40.1535	NJ	818	-0.11	-74.03099	40.12167	NJ
675	0.78	-74.00963	40.18418	NJ	747	-0.11	-74.02159	40.15306	NJ	819	-0.21	-74.03127	40.12125	NJ
676	0.75	-74.0099	40.18377	NJ	748	0	-74.02136	40.15255	NJ	820	-0.09	-74.0314	40.12081	NJ
677	0.71	-74.01015	40.18335	NJ	749	-0.01	-74.02116	40.15205	NJ	821	-0.03	-74.03111	40.12032	NJ
678	0.69	-74.01041	40.18294	NJ	750	-0.11	-74.02156	40.15166	NJ	822	-0.08	-74.03149	40.11991	NJ
679	0.69	-74.01065	40.18252	NJ	751	-0.15	-74.02191	40.15126	NJ	823	-0.03	-74.03168	40.11948	NJ
680	0.69	-74.01085	40.18209	NJ	752	-0.19	-74.02216	40.15085	NJ	824	0.5	-74.03108	40.11894	NJ
681	0.63	-74.01105	40.18167	NJ	753	-0.19	-74.02235	40.15042	NJ	825	-0.11	-74.03172	40.11857	NJ
682	0.57	-74.01126	40.18124	NJ	754	-0.18	-74.02248	40.14998	NJ	826	-0.14	-74.03197	40.11815	NJ
683	0.52	-74.01146	40.18082	NJ	755	-0.09	-74.02209	40.14944	NJ	827	-0.21	-74.03217	40.11772	NJ
684	0.48	-74.01163	40.18038	NJ	756	-0.14	-74.02245	40.14904	NJ	828	0.16	-74.03188	40.11722	NJ
685	0.45	-74.01178	40.17995	NJ	757	-0.13	-74.02274	40.14864	NJ	829	0.64	-74.03133	40.11668	NJ
686	0.46	-74.0119	40.17951	NJ	758	-0.11	-74.02293	40.14821	NJ	830	-0.02	-74.03195	40.11631	NJ
687	0.44	-74.01207	40.17908	NJ	759	-0.1	-74.02307	40.14777	NJ	831	0.03	-74.03217	40.11589	NJ
688	0.48	-74.01216	40.17863	NJ	760	-0.05	-74.02295	40.14728	NJ	832	0.07	-74.03221	40.11544	NJ
689	0.55	-74.01224	40.17818	NJ	761	-0.08	-74.0228	40.14679	NJ	833	0.12	-74.03214	40.11497	NJ
690	0.44	-74.01201	40.17767	NJ	762	-0.17	-74.02316	40.1464	NJ	834	0.08	-74.03236	40.11454	NJ
691	0.35	-74.01244	40.17729	NJ	763	-0.18	-74.02341	40.14598	NJ	835	0.09	-74.03258	40.11411	NJ
692	0.31	-74.01277	40.17689	NJ	764	-0.19	-74.02359	40.14555	NJ	836	0.15	-74.03265	40.11367	NJ
693	0.29	-74.01308	40.17649	NJ	765	-0.11	-74.0237	40.14511	NJ	837	0.12	-74.03252	40.11319	NJ
694	0.22	-74.01331	40.17607	NJ	766	0.05	-74.02368	40.14464	NJ	838	0.89	-74.03188	40.11264	NJ
695	0.25	-74.01352	40.17564	NJ	767	0.02	-74.02373	40.14418	NJ	839	0.21	-74.0322	40.11223	NJ
696	0.29	-74.01369	40.17521	NJ	768	-0.03	-74.02403	40.14378	NJ	840	0.18	-74.03252	40.11182	NJ
697	0.34	-74.01376	40.17476	NJ	769	0.05	-74.02428	40.14336	NJ	841	0.04	-74.03278	40.11139	NJ
698	1.19	-74.01294	40.17414	NJ	770	0.05	-74.02448	40.14294	NJ	842	0.08	-74.03297	40.11096	NJ
699	0.34	-74.01401	40.17388	NJ	771	0.11	-74.02464	40.14251	NJ	843	0.08	-74.033	40.11051	NJ
700	0.29	-74.01428	40.17347	NJ	772	0.19	-74.02467	40.14204	NJ	844	0.11	-74.03265	40.11001	NJ
701	0.33	-74.01451	40.17305	NJ	773	0.19	-74.0247	40.14159	NJ	845	0.5	-74.0329	40.10958	NJ
702	0.37	-74.01465	40.17261	NJ	774	0.02	-74.02502	40.14119	NJ	846	0.56	-74.03313	40.10915	NJ
703	0.46	-74.01463	40.17215	NJ	775	0	-74.02539	40.14057	NJ	847	0.16	-74.03336	40.10873	NJ
704	0.33	-74.01485	40.17172	NJ	776	-0.02	-74.02554	40.14013	NJ	848	0.09	-74.03354	40.1083	NJ
705	0.2	-74.01518	40.17132	NJ	777	0.07	-74.02554	40.13968	NJ	849	-0.67	-74.03371	40.10786	NJ
706	0.13	-74.01546	40.17091	NJ	778	0.06	-74.02513	40.13916	NJ	850	-0.68	-74.03387	40.10743	NJ
707	0.13	-74.01569	40.17049	NJ	779	-0.12	-74.02554	40.13876	NJ	851	-0.67	-74.03387	40.10697	NJ
708	0.12	-74.01588	40.17007	NJ	780	-0.19	-74.02583	40.13834	NJ	852	-0.72	-74.03401	40.10653	NJ
709	0.16	-74.01605	40.16963	NJ	781	-0.26	-74.02605	40.13792	NJ	853	-0.75	-74.03389	40.10606	NJ
710	0.23	-74.01607	40.16917	NJ	782	-0.3	-74.02628	40.13749	NJ	854	-0.73	-74.03407	40.10563	NJ
711	0.18	-74.01622	40.16874	NJ	783	-0.23	-74.0264	40.13705	NJ	855	-0.75	-74.0341	40.10517	NJ
712	0.02	-74.01659	40.16834	NJ	784	0.48	-74.02583	40.13651	NJ	856	-0.66	-74.03424	40.10473	NJ
713	-0.11	-74.01685	40.16793	NJ	785	-0.1	-74.02657	40.13616	NJ	857	-0.68	-74.03409	40.10425	NJ
714	-0.12	-74.01706	40.16751	NJ	786	-0.11	-74.02689	40.13574	NJ	858	-0.62	-74.03427	40.10382	NJ
715	-0.13	-74.01726	40.16708	NJ	787	-0.1	-74.02713	40.13532	NJ	859	-0.47	-74.03439	40.10338	NJ
716	-0.1	-74.01736	40.16664	NJ	788	-0.12	-74.0273	40.13489	NJ	860	-0.11	-74.03418	40.10289	NJ
717	-0.05	-74.01746	40.16619	NJ	789	-0.11	-74.0275	40.13446	NJ	861	0.87	-74.03299	40.10227	NJ
718	0.12	-74.01743	40.16572	NJ	790	-0.11	-74.02757	40.13401	NJ	862	1.99	-74.03154	40.10161	NJ
719	0.14	-74.01735	40.16524	NJ	791	0.04	-74.02754	40.13355	NJ	863	-0.07	-74.03444	40.10156	NJ
720	0.03	-74.01764	40.16484	NJ	792	-0.02	-74.02776	40.13312	NJ	864	1.05	-74.033	40.1009	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
865	1.98	-74.03192	40.10029	NJ	937	-0.03	-74.04208	40.06876	NJ	1009	-0.08	-74.04962	40.03686	NJ
866	0.94	-74.03226	40.09988	NJ	938	-0.02	-74.04205	40.06829	NJ	1010	0	-74.04976	40.03642	NJ
867	0.87	-74.03264	40.09947	NJ	939	0.04	-74.04219	40.06786	NJ	1011	-0.03	-74.04984	40.03597	NJ
868	0.82	-74.03293	40.09906	NJ	940	0.03	-74.0423	40.06741	NJ	1012	-0.06	-74.04991	40.03552	NJ
869	0.77	-74.03313	40.09863	NJ	941	-0.01	-74.04234	40.06696	NJ	1013	-0.08	-74.05	40.03508	NJ
870	0.77	-74.03337	40.0982	NJ	942	0.02	-74.0425	40.06653	NJ	1014	-0.1	-74.05013	40.03464	NJ
871	0.81	-74.03358	40.09778	NJ	943	-0.02	-74.04257	40.06608	NJ	1015	-0.05	-74.05025	40.0342	NJ
872	0.8	-74.0338	40.09735	NJ	944	-0.03	-74.04259	40.06562	NJ	1016	-0.05	-74.0504	40.03376	NJ
873	0.8	-74.03403	40.09692	NJ	945	-0.05	-74.04276	40.06519	NJ	1017	-0.06	-74.05049	40.03332	NJ
874	0.73	-74.03423	40.09649	NJ	946	-0.03	-74.04292	40.06476	NJ	1018	-0.1	-74.0506	40.03287	NJ
875	0.71	-74.03445	40.09607	NJ	947	-0.06	-74.04308	40.06432	NJ	1019	-0.09	-74.0507	40.03243	NJ
876	0.64	-74.03465	40.09564	NJ	948	-0.1	-74.04318	40.06388	NJ	1020	-0.06	-74.05084	40.03199	NJ
877	0.61	-74.03485	40.09521	NJ	949	-0.12	-74.04333	40.06344	NJ	1021	-0.07	-74.05095	40.03155	NJ
878	0.6	-74.03503	40.09477	NJ	950	-0.24	-74.04347	40.063	NJ	1022	-0.07	-74.05107	40.03111	NJ
879	0.58	-74.03522	40.09434	NJ	951	-0.35	-74.04356	40.06256	NJ	1023	-0.06	-74.05119	40.03067	NJ
880	0.57	-74.03542	40.09391	NJ	952	-0.36	-74.04367	40.06211	NJ	1024	-0.05	-74.05132	40.03023	NJ
881	0.57	-74.03561	40.09348	NJ	953	-0.34	-74.04379	40.06167	NJ	1025	-0.05	-74.05144	40.02978	NJ
882	0.51	-74.03581	40.09305	NJ	954	-0.34	-74.04385	40.06122	NJ	1026	-0.09	-74.05154	40.02934	NJ
883	0.49	-74.036	40.09262	NJ	955	-0.31	-74.04395	40.06078	NJ	1027	-0.12	-74.05167	40.0289	NJ
884	0.47	-74.03616	40.09219	NJ	956	-0.32	-74.04404	40.06033	NJ	1028	-0.12	-74.05177	40.02846	NJ
885	0.46	-74.03635	40.09175	NJ	957	-0.3	-74.04413	40.05989	NJ	1029	-0.1	-74.0519	40.02802	NJ
886	0.46	-74.03647	40.09131	NJ	958	-0.35	-74.04422	40.05944	NJ	1030	-0.08	-74.05202	40.02758	NJ
887	0.45	-74.03661	40.09088	NJ	959	-0.38	-74.0443	40.059	NJ	1031	-0.1	-74.05212	40.02714	NJ
888	0.44	-74.03677	40.09044	NJ	960	-0.47	-74.04436	40.05855	NJ	1032	-0.1	-74.05223	40.02669	NJ
889	0.4	-74.03697	40.09001	NJ	961	-0.45	-74.04449	40.05811	NJ	1033	-0.12	-74.05232	40.02625	NJ
890	0.37	-74.03708	40.08957	NJ	962	-0.41	-74.04462	40.05767	NJ	1034	-0.14	-74.05244	40.02581	NJ
891	0.36	-74.03722	40.08913	NJ	963	-0.39	-74.04469	40.05722	NJ	1035	-0.14	-74.05257	40.02537	NJ
892	0.31	-74.03737	40.08869	NJ	964	-0.38	-74.04475	40.05677	NJ	1036	-0.14	-74.05266	40.02492	NJ
893	0.31	-74.03749	40.08825	NJ	965	-0.36	-74.04486	40.05633	NJ	1037	-0.15	-74.05276	40.02448	NJ
894	0.27	-74.03767	40.08782	NJ	966	-0.37	-74.04495	40.05588	NJ	1038	-0.19	-74.05286	40.02403	NJ
895	0.27	-74.03781	40.08738	NJ	967	-0.38	-74.04504	40.05544	NJ	1039	-0.21	-74.05295	40.02359	NJ
896	0.24	-74.03806	40.08696	NJ	968	-0.37	-74.04517	40.055	NJ	1040	-0.19	-74.05307	40.02315	NJ
897	0.12	-74.03818	40.08652	NJ	969	-0.35	-74.04527	40.05456	NJ	1041	-0.12	-74.05318	40.0227	NJ
898	0.12	-74.0383	40.08608	NJ	970	-0.34	-74.04536	40.05411	NJ	1042	-0.08	-74.05328	40.02226	NJ
899	0.1	-74.03841	40.08564	NJ	971	-0.28	-74.04547	40.05367	NJ	1043	-0.08	-74.05341	40.02182	NJ
900	0.03	-74.03853	40.08519	NJ	972	-0.24	-74.04558	40.05322	NJ	1044	-0.08	-74.05351	40.02138	NJ
901	0	-74.03864	40.08475	NJ	973	-0.17	-74.04568	40.05278	NJ	1045	-0.1	-74.05362	40.02094	NJ
902	-0.02	-74.03876	40.08431	NJ	974	-0.2	-74.04582	40.05234	NJ	1046	-0.13	-74.05367	40.02073	NJ
903	-0.04	-74.03886	40.08387	NJ	975	-0.15	-74.04594	40.0519	NJ	1047	-0.1	-74.05377	40.02029	NJ
904	-0.02	-74.03899	40.08343	NJ	976	-0.08	-74.04607	40.05146	NJ	1048	-0.09	-74.05386	40.01984	NJ
905	-0.01	-74.03912	40.08299	NJ	977	-0.1	-74.04617	40.05102	NJ	1049	-0.08	-74.05397	40.0194	NJ
906	0.01	-74.03922	40.08254	NJ	978	-0.11	-74.0463	40.05058	NJ	1050	-0.08	-74.05409	40.01896	NJ
907	0.01	-74.03934	40.0821	NJ	979	-0.17	-74.04642	40.05014	NJ	1051	-0.08	-74.05418	40.01851	NJ
908	0	-74.03946	40.08166	NJ	980	-0.16	-74.04652	40.0497	NJ	1052	-0.01	-74.05429	40.01807	NJ
909	NA	-74.0396	40.08122	NJ	981	-0.21	-74.04665	40.04925	NJ	1053	0.03	-74.0544	40.01763	NJ
910	-0.05	-74.0397	40.08078	NJ	982	-0.18	-74.04674	40.04881	NJ	1054	-0.04	-74.05453	40.01719	NJ
911	-0.06	-74.03983	40.08034	NJ	983	-0.12	-74.04684	40.04837	NJ	1055	-0.05	-74.05463	40.01674	NJ
912	-0.1	-74.03992	40.07989	NJ	984	-0.14	-74.04697	40.04793	NJ	1056	-0.04	-74.05473	40.0163	NJ
913	-0.11	-74.03998	40.07945	NJ	985	-0.13	-74.04707	40.04748	NJ	1057	-0.07	-74.05486	40.01586	NJ
914	-0.12	-74.04008	40.079	NJ	986	-0.13	-74.04718	40.04704	NJ	1058	-0.08	-74.05498	40.01542	NJ
915	-0.18	-74.04016	40.07856	NJ	987	-0.09	-74.04729	40.0466	NJ	1059	-0.04	-74.05508	40.01498	NJ
916	-0.18	-74.04024	40.07811	NJ	988	-0.12	-74.04738	40.04615	NJ	1060	-0.06	-74.05521	40.01454	NJ
917	-0.2	-74.04033	40.07767	NJ	989	-0.11	-74.04747	40.04571	NJ	1061	-0.12	-74.05531	40.01409	NJ
918	-0.19	-74.04047	40.07722	NJ	990	-0.14	-74.04758	40.04527	NJ	1062	-0.17	-74.05544	40.01365	NJ
919	-0.12	-74.04054	40.07678	NJ	991	-0.12	-74.04768	40.04482	NJ	1063	-0.13	-74.05556	40.01321	NJ
920	-0.14	-74.04063	40.07633	NJ	992	-0.21	-74.04779	40.04438	NJ	1064	-0.14	-74.05566	40.01277	NJ
921	-0.14	-74.0407	40.07589	NJ	993	-0.2	-74.04788	40.04394	NJ	1065	-0.19	-74.05579	40.01233	NJ
922	-0.11	-74.04076	40.07544	NJ	994	-0.16	-74.04797	40.04349	NJ	1066	-0.01	-74.05589	40.01188	NJ
923	-0.1	-74.04082	40.07499	NJ	995	-0.15	-74.0481	40.04305	NJ	1067	-0.05	-74.05602	40.01144	NJ
924	-0.09	-74.04092	40.07454	NJ	996	-0.13	-74.0482	40.04261	NJ	1068	-0.09	-74.05615	40.011	NJ
925	-0.08	-74.04105	40.0741	NJ	997	-0.11	-74.04832	40.04216	NJ	1069	-0.04	-74.05626	40.01056	NJ
926	-0.1	-74.04117	40.07366	NJ	998	-0.17	-74.04842	40.04172	NJ	1070	-0.03	-74.0564	40.01012	NJ
927	-0.12	-74.04129	40.07322	NJ	999	-0.16	-74.04854	40.04128	NJ	1071	-0.04	-74.0565	40.00968	NJ
928	-0.12	-74.04138	40.07278	NJ	1000	-0.13	-74.04865	40.04084	NJ	1072	-0.07	-74.05663	40.00924	NJ
929	-0.12	-74.0414	40.07232	NJ	1001	-0.18	-74.04875	40.04039	NJ	1073	-0.09	-74.05673	40.0088	NJ
930	-0.13	-74.04146	40.07187	NJ	1002	-0.19	-74.04887	40.03995	NJ	1074	-0.13	-74.05685	40.00835	NJ
931	-0.11	-74.04161	40.07144	NJ	1003	-0.17	-74.04898	40.03951	NJ	1075	-0.12	-74.05698	40.00791	NJ
932	-0.08	-74.0417	40.07099	NJ	1004	-0.12	-74.0491	40.03907	NJ	1076	-0.07	-74.0571	40.00747	NJ
933	-0.06	-74.04172	40.07053	NJ	1005	-0.08	-74.04921	40.03863	NJ	1077	-0.06	-74.05722	40.00703	NJ
934	-0.06	-74.04173	40.07008	NJ	1006	-0.14	-74.04933	40.03819	NJ	1078	NA	-74.05734	40.00659	NJ
935	-0.07	-74.0419	40.06965	NJ	1007	-0.12	-74.04942	40.03774	NJ	1079	-0.01	-74.05746	40.00615	NJ
936	-0.05	-74.04205	40.06921	NJ	1008	-0.09	-74.04951	40.0373	NJ	1080	-0.02	-74.05759	40.00571	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1081	0	-74.05768	40.00526	NJ	1153	0.1	-74.06516	39.97335	NJ	1225	0.55	-74.06982	39.94108	NJ
1082	0.04	-74.05779	40.00482	NJ	1154	0.43	-74.0649	39.97286	NJ	1226	0.5	-74.07002	39.94065	NJ
1083	0.09	-74.05791	40.00438	NJ	1155	0.21	-74.06526	39.97245	NJ	1227	0.47	-74.07016	39.94021	NJ
1084	0.12	-74.05811	40.00395	NJ	1156	0.26	-74.06535	39.97201	NJ	1228	0.49	-74.07031	39.93978	NJ
1085	0.18	-74.0582	40.0035	NJ	1157	0.28	-74.06544	39.97156	NJ	1229	0.47	-74.07043	39.93934	NJ
1086	0.25	-74.05832	40.00306	NJ	1158	0.24	-74.06554	39.97112	NJ	1230	0.49	-74.07056	39.93889	NJ
1087	0.25	-74.05846	40.00262	NJ	1159	0.57	-74.06522	39.97062	NJ	1231	0.48	-74.07066	39.93845	NJ
1088	0.26	-74.05855	40.00218	NJ	1160	0.23	-74.06564	39.97022	NJ	1232	0.48	-74.07079	39.93801	NJ
1089	0.21	-74.05862	40.00173	NJ	1161	0.23	-74.06577	39.96978	NJ	1233	0.44	-74.07092	39.93757	NJ
1090	0.16	-74.05872	40.00129	NJ	1162	0.23	-74.06586	39.96933	NJ	1234	0.8	-74.07076	39.93709	NJ
1091	0.15	-74.05878	40.00084	NJ	1163	0.2	-74.0659	39.96888	NJ	1235	0.91	-74.07072	39.93663	NJ
1092	0.14	-74.05885	40.00039	NJ	1164	0.13	-74.06599	39.96844	NJ	1236	1.06	-74.07065	39.93617	NJ
1093	0.11	-74.05894	39.99995	NJ	1165	0.11	-74.06607	39.96799	NJ	1237	1.08	-74.07076	39.93573	NJ
1094	0.11	-74.05902	39.9995	NJ	1166	0.11	-74.06618	39.96755	NJ	1238	1.06	-74.07085	39.93528	NJ
1095	0.09	-74.05913	39.99906	NJ	1167	0.09	-74.06625	39.9671	NJ	1239	0.81	-74.07129	39.93488	NJ
1096	0.1	-74.05925	39.99862	NJ	1168	0.09	-74.06631	39.96665	NJ	1240	0.83	-74.07141	39.93444	NJ
1097	0.1	-74.05939	39.99818	NJ	1169	0.45	-74.0659	39.96615	NJ	1241	0.91	-74.07146	39.93399	NJ
1098	0.13	-74.05949	39.99773	NJ	1170	0.03	-74.06644	39.96575	NJ	1242	0.91	-74.07159	39.93355	NJ
1099	0.14	-74.05959	39.99729	NJ	1171	0.03	-74.06648	39.9653	NJ	1243	0.89	-74.07173	39.93311	NJ
1100	0.12	-74.05968	39.99685	NJ	1172	0	-74.06651	39.96485	NJ	1244	0.89	-74.07179	39.93266	NJ
1101	0.11	-74.05975	39.9964	NJ	1173	-0.04	-74.06654	39.9644	NJ	1245	0.87	-74.07191	39.93222	NJ
1102	0.09	-74.05988	39.99596	NJ	1174	-0.06	-74.06656	39.96395	NJ	1246	0.86	-74.07204	39.93178	NJ
1103	0.12	-74.05998	39.99552	NJ	1175	-0.11	-74.06662	39.9635	NJ	1247	0.78	-74.07219	39.93134	NJ
1104	0.12	-74.06009	39.99507	NJ	1176	-0.13	-74.0667	39.96305	NJ	1248	0.72	-74.07233	39.93091	NJ
1105	0.15	-74.06023	39.99463	NJ	1177	-0.17	-74.06676	39.9626	NJ	1249	0.68	-74.07248	39.93047	NJ
1106	0.18	-74.06033	39.99419	NJ	1178	-0.25	-74.06683	39.96215	NJ	1250	0.75	-74.07249	39.93001	NJ
1107	0.19	-74.06044	39.99375	NJ	1179	0.02	-74.0667	39.96168	NJ	1251	0.83	-74.07249	39.92956	NJ
1108	0.22	-74.06055	39.99331	NJ	1180	-0.31	-74.06694	39.96126	NJ	1252	0.83	-74.07262	39.92912	NJ
1109	0.2	-74.06065	39.99286	NJ	1181	-0.3	-74.06702	39.96081	NJ	1253	0.8	-74.07274	39.92867	NJ
1110	0.17	-74.06075	39.99242	NJ	1182	-0.28	-74.06708	39.96036	NJ	1254	0.8	-74.07288	39.92824	NJ
1111	0.12	-74.06087	39.99198	NJ	1183	-0.26	-74.06714	39.95991	NJ	1255	0.84	-74.07294	39.92779	NJ
1112	0.09	-74.06096	39.99153	NJ	1184	-0.23	-74.06721	39.95946	NJ	1256	0.87	-74.07304	39.92734	NJ
1113	0.11	-74.0611	39.99109	NJ	1185	-0.33	-74.06723	39.95901	NJ	1257	0.87	-74.07317	39.9269	NJ
1114	0.08	-74.0612	39.99065	NJ	1186	-0.24	-74.06729	39.95856	NJ	1258	0.91	-74.07323	39.92645	NJ
1115	0.11	-74.06131	39.99021	NJ	1187	-0.18	-74.06734	39.95811	NJ	1259	0.91	-74.0733	39.92601	NJ
1116	0.2	-74.06142	39.98976	NJ	1188	-0.17	-74.06738	39.95766	NJ	1260	0.92	-74.07339	39.92556	NJ
1117	0.19	-74.06154	39.98932	NJ	1189	-0.1	-74.06743	39.95721	NJ	1261	0.82	-74.07349	39.92512	NJ
1118	0.23	-74.06165	39.98888	NJ	1190	-0.05	-74.06744	39.95675	NJ	1262	0.67	-74.07361	39.92468	NJ
1119	0.22	-74.06175	39.98844	NJ	1191	-0.07	-74.06749	39.9563	NJ	1263	0.65	-74.07372	39.92423	NJ
1120	0.23	-74.06184	39.98799	NJ	1192	-0.14	-74.06757	39.95586	NJ	1264	0.77	-74.07376	39.92378	NJ
1121	0.13	-74.06197	39.98755	NJ	1193	-0.09	-74.06766	39.95541	NJ	1265	0.8	-74.07387	39.92334	NJ
1122	0.11	-74.06207	39.98711	NJ	1194	-0.13	-74.06772	39.95497	NJ	1266	0.73	-74.07411	39.92292	NJ
1123	0.11	-74.06216	39.98666	NJ	1195	-0.17	-74.06776	39.95451	NJ	1267	0.77	-74.07414	39.92246	NJ
1124	0.11	-74.06229	39.98622	NJ	1196	-0.17	-74.06784	39.95407	NJ	1268	0.51	-74.07457	39.92206	NJ
1125	0.1	-74.06238	39.98578	NJ	1197	-0.11	-74.06792	39.95362	NJ	1269	0.49	-74.07472	39.92162	NJ
1126	0.07	-74.06253	39.98534	NJ	1198	-0.1	-74.06802	39.95318	NJ	1270	0.48	-74.07481	39.92118	NJ
1127	-0.03	-74.06264	39.9849	NJ	1199	-0.1	-74.06808	39.95273	NJ	1271	0.5	-74.07494	39.92074	NJ
1128	0.06	-74.06271	39.98445	NJ	1200	-0.1	-74.06816	39.95228	NJ	1272	0.48	-74.07501	39.92029	NJ
1129	0.12	-74.06282	39.98401	NJ	1201	-0.09	-74.06825	39.95184	NJ	1273	0.37	-74.07518	39.91986	NJ
1130	0.1	-74.06294	39.98357	NJ	1202	-0.03	-74.06833	39.95139	NJ	1274	0.37	-74.07532	39.91942	NJ
1131	0.05	-74.06305	39.98312	NJ	1203	-0.03	-74.06842	39.95095	NJ	1275	0.41	-74.07539	39.91897	NJ
1132	0.02	-74.06316	39.98268	NJ	1204	0.03	-74.06847	39.9505	NJ	1276	0.44	-74.0755	39.91853	NJ
1133	0.03	-74.06326	39.98224	NJ	1205	0.02	-74.06854	39.95005	NJ	1277	0.47	-74.07558	39.91808	NJ
1134	0.05	-74.06335	39.98179	NJ	1206	0.07	-74.0686	39.9496	NJ	1278	0.44	-74.07571	39.91764	NJ
1135	0.07	-74.06345	39.98135	NJ	1207	0.12	-74.06868	39.94915	NJ	1279	0.44	-74.07579	39.9172	NJ
1136	0.03	-74.06355	39.98091	NJ	1208	0.18	-74.06876	39.94871	NJ	1280	0.43	-74.07587	39.91675	NJ
1137	0.02	-74.06367	39.98046	NJ	1209	0.26	-74.06882	39.94826	NJ	1281	0.4	-74.07594	39.9163	NJ
1138	0.01	-74.0638	39.98003	NJ	1210	0.29	-74.06891	39.94781	NJ	1282	0.34	-74.0761	39.91586	NJ
1139	0.01	-74.06396	39.97959	NJ	1211	0.28	-74.06902	39.94737	NJ	1283	0.32	-74.07619	39.91542	NJ
1140	0.01	-74.06403	39.97914	NJ	1212	0.32	-74.06908	39.94692	NJ	1284	0.27	-74.07629	39.91498	NJ
1141	-0.01	-74.06407	39.97869	NJ	1213	0.28	-74.06914	39.94647	NJ	1285	0.22	-74.0764	39.91453	NJ
1142	0.02	-74.06413	39.97824	NJ	1214	0.36	-74.06918	39.94602	NJ	1286	0.22	-74.07648	39.91409	NJ
1143	0.03	-74.06415	39.97779	NJ	1215	0.41	-74.06924	39.94558	NJ	1287	0.18	-74.07658	39.91365	NJ
1144	0.34	-74.06396	39.97731	NJ	1216	0.4	-74.06935	39.94513	NJ	1288	0.19	-74.07669	39.9132	NJ
1145	0.02	-74.06429	39.97689	NJ	1217	0.41	-74.06943	39.94468	NJ	1289	0.23	-74.0768	39.91276	NJ
1146	0.08	-74.06442	39.97645	NJ	1218	0.37	-74.06953	39.94424	NJ	1290	0.16	-74.07703	39.91233	NJ
1147	0.08	-74.06453	39.97601	NJ	1219	0.44	-74.06956	39.94379	NJ	1291	0.19	-74.0771	39.91189	NJ
1148	0.1	-74.06467	39.97557	NJ	1220	0.51	-74.06963	39.94334	NJ	1292	0.24	-74.07718	39.91144	NJ
1149	0.12	-74.06474	39.97512	NJ	1221	0.6	-74.06947	39.94287	NJ	1293	0.17	-74.0773	39.911	NJ
1150	0.09	-74.06485	39.97468	NJ	1222	1.66	-74.06842	39.94228	NJ	1294	0.1	-74.07745	39.91056	NJ
1151	0.14	-74.06496	39.97424	NJ	1223	0.72	-74.06946	39.94195	NJ	1295	0.08	-74.07756	39.91012	NJ
1152	0.09	-74.06508	39.9738	NJ	1224	0.61	-74.06966	39.94152	NJ	1296	0.07	-74.07761	39.90967	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1297	0.12	-74.07768	39.90922	NJ	1369	-0.13	-74.0822	39.87693	NJ	1441	-0.17	-74.08617	39.84463	NJ
1298	0.14	-74.07776	39.90877	NJ	1370	-0.08	-74.08221	39.87646	NJ	1442	-0.18	-74.08623	39.84418	NJ
1299	0.17	-74.07784	39.90833	NJ	1371	-0.08	-74.08224	39.87601	NJ	1443	-0.13	-74.0863	39.84374	NJ
1300	0.2	-74.07776	39.90786	NJ	1372	-0.07	-74.08241	39.87557	NJ	1444	-0.13	-74.0864	39.84329	NJ
1301	0.16	-74.0779	39.90742	NJ	1373	-0.17	-74.08258	39.87513	NJ	1445	-0.15	-74.08646	39.84284	NJ
1302	0.12	-74.07809	39.90699	NJ	1374	-0.15	-74.0827	39.87469	NJ	1446	-0.14	-74.08652	39.8424	NJ
1303	0.05	-74.07819	39.90655	NJ	1375	-0.15	-74.08282	39.87424	NJ	1447	-0.12	-74.08662	39.84195	NJ
1304	0.07	-74.07814	39.90608	NJ	1376	-0.07	-74.08286	39.87379	NJ	1448	-0.12	-74.08669	39.8415	NJ
1305	0.07	-74.07817	39.90563	NJ	1377	-0.1	-74.08289	39.87334	NJ	1449	-0.02	-74.08675	39.84105	NJ
1306	0.12	-74.07826	39.90519	NJ	1378	-0.07	-74.08287	39.87289	NJ	1450	-0.02	-74.08681	39.84061	NJ
1307	0.12	-74.07832	39.90474	NJ	1379	-0.07	-74.08282	39.87243	NJ	1451	-0.04	-74.0869	39.84016	NJ
1308	0.07	-74.07835	39.90429	NJ	1380	-0.03	-74.08276	39.87198	NJ	1452	-0.02	-74.08698	39.83971	NJ
1309	0.04	-74.07841	39.90384	NJ	1381	-0.02	-74.08276	39.87153	NJ	1453	-0.05	-74.08704	39.83927	NJ
1310	0.03	-74.07846	39.90339	NJ	1382	-0.01	-74.08286	39.87108	NJ	1454	-0.14	-74.0871	39.83882	NJ
1311	0.05	-74.07851	39.90294	NJ	1383	0.02	-74.08299	39.87064	NJ	1455	-0.2	-74.08716	39.83837	NJ
1312	0.03	-74.07864	39.9025	NJ	1384	0.07	-74.08313	39.87019	NJ	1456	-0.28	-74.08719	39.83792	NJ
1313	-0.02	-74.07874	39.90205	NJ	1385	0.07	-74.08325	39.86975	NJ	1457	-0.27	-74.0872	39.83747	NJ
1314	-0.03	-74.07884	39.90161	NJ	1386	0.11	-74.08331	39.8693	NJ	1458	-0.26	-74.08723	39.83702	NJ
1315	0.01	-74.07896	39.90117	NJ	1387	0.09	-74.08342	39.86886	NJ	1459	-0.25	-74.08728	39.83657	NJ
1316	0.05	-74.07909	39.90073	NJ	1388	0.13	-74.08351	39.86841	NJ	1460	-0.28	-74.08736	39.83612	NJ
1317	-0.04	-74.07916	39.90028	NJ	1389	0.15	-74.08359	39.86796	NJ	1461	-0.27	-74.08743	39.83568	NJ
1318	-0.04	-74.07922	39.89983	NJ	1390	0.16	-74.08365	39.86752	NJ	1462	-0.17	-74.08746	39.83523	NJ
1319	-0.07	-74.07928	39.89938	NJ	1391	0.16	-74.08369	39.86707	NJ	1463	-0.16	-74.08751	39.83478	NJ
1320	-0.1	-74.07938	39.89894	NJ	1392	0.14	-74.08377	39.86662	NJ	1464	-0.21	-74.08757	39.83433	NJ
1321	-0.08	-74.07944	39.89849	NJ	1393	0.01	-74.08388	39.86618	NJ	1465	-0.28	-74.08763	39.83388	NJ
1322	-0.14	-74.07948	39.89804	NJ	1394	0.05	-74.08389	39.86573	NJ	1466	-0.34	-74.08771	39.83343	NJ
1323	-0.14	-74.07956	39.89759	NJ	1395	0.09	-74.08398	39.86528	NJ	1467	-0.31	-74.08777	39.83299	NJ
1324	-0.11	-74.07961	39.89714	NJ	1396	0.09	-74.08408	39.86483	NJ	1468	-0.29	-74.08786	39.83254	NJ
1325	-0.08	-74.07967	39.89669	NJ	1397	0.1	-74.08411	39.86438	NJ	1469	-0.29	-74.08792	39.83209	NJ
1326	-0.13	-74.07976	39.89625	NJ	1398	0.18	-74.08408	39.86393	NJ	1470	-0.3	-74.088	39.83165	NJ
1327	-0.16	-74.07983	39.8958	NJ	1399	0.23	-74.08414	39.86348	NJ	1471	-0.27	-74.088	39.83119	NJ
1328	-0.24	-74.07994	39.89536	NJ	1400	0.21	-74.08421	39.86303	NJ	1472	-0.26	-74.08797	39.83074	NJ
1329	-0.32	-74.08	39.89491	NJ	1401	0.22	-74.08427	39.86259	NJ	1473	-0.29	-74.088	39.83029	NJ
1330	-0.32	-74.08003	39.89446	NJ	1402	0.25	-74.08432	39.86214	NJ	1474	-0.33	-74.08804	39.82984	NJ
1331	-0.41	-74.08009	39.89401	NJ	1403	0.27	-74.08435	39.86169	NJ	1475	-0.33	-74.08809	39.82939	NJ
1332	-0.48	-74.08015	39.89356	NJ	1404	0.28	-74.0844	39.86124	NJ	1476	-0.34	-74.08813	39.82894	NJ
1333	-0.53	-74.08025	39.89312	NJ	1405	0.2	-74.08446	39.86079	NJ	1477	-0.27	-74.08818	39.82849	NJ
1334	-0.5	-74.08037	39.89268	NJ	1406	0.16	-74.0845	39.86034	NJ	1478	-0.3	-74.08824	39.82805	NJ
1335	-0.48	-74.08051	39.89224	NJ	1407	0.14	-74.0845	39.85989	NJ	1479	-0.31	-74.08827	39.8276	NJ
1336	-0.49	-74.08058	39.89179	NJ	1408	0.09	-74.08455	39.85944	NJ	1480	-0.21	-74.08833	39.82715	NJ
1337	-0.49	-74.08066	39.89134	NJ	1409	0.08	-74.08463	39.85899	NJ	1481	-0.25	-74.08839	39.8267	NJ
1338	-0.51	-74.0807	39.89089	NJ	1410	0.07	-74.08466	39.85854	NJ	1482	-0.17	-74.08842	39.82625	NJ
1339	-0.46	-74.08073	39.89044	NJ	1411	0.14	-74.08464	39.85809	NJ	1483	-0.1	-74.08846	39.8258	NJ
1340	-0.41	-74.08076	39.88999	NJ	1412	0.25	-74.08463	39.85764	NJ	1484	-0.09	-74.08855	39.82535	NJ
1341	-0.4	-74.08083	39.88954	NJ	1413	0.28	-74.08463	39.85719	NJ	1485	-0.01	-74.08858	39.8249	NJ
1342	-0.36	-74.08089	39.88909	NJ	1414	0.24	-74.08476	39.85674	NJ	1486	-0.02	-74.08862	39.82446	NJ
1343	-0.37	-74.08096	39.88864	NJ	1415	0.23	-74.08482	39.85629	NJ	1487	-0.05	-74.08865	39.82401	NJ
1344	-0.44	-74.08095	39.88819	NJ	1416	0.22	-74.08488	39.85585	NJ	1488	-0.11	-74.08868	39.82356	NJ
1345	-0.52	-74.08096	39.88773	NJ	1417	0.21	-74.08495	39.8554	NJ	1489	-0.08	-74.08871	39.82311	NJ
1346	-0.56	-74.08109	39.88729	NJ	1418	0.1	-74.08508	39.85496	NJ	1490	-0.07	-74.08878	39.82266	NJ
1347	-0.55	-74.08118	39.88685	NJ	1419	0.1	-74.08511	39.85451	NJ	1491	-0.1	-74.08887	39.82221	NJ
1348	-0.54	-74.08127	39.8864	NJ	1420	0.13	-74.08516	39.85406	NJ	1492	-0.11	-74.08888	39.82176	NJ
1349	-0.5	-74.08125	39.88594	NJ	1421	0.11	-74.08521	39.85361	NJ	1493	-0.09	-74.08894	39.82131	NJ
1350	-0.52	-74.08134	39.8855	NJ	1422	0.05	-74.08524	39.85316	NJ	1494	-0.12	-74.08899	39.82086	NJ
1351	-0.49	-74.08141	39.88505	NJ	1423	-0.03	-74.08533	39.85271	NJ	1495	-0.09	-74.08904	39.82041	NJ
1352	-0.47	-74.08145	39.8846	NJ	1424	-0.08	-74.08542	39.85227	NJ	1496	-0.06	-74.0891	39.81997	NJ
1353	-0.45	-74.08148	39.88415	NJ	1425	-0.09	-74.08553	39.85182	NJ	1497	-0.14	-74.08911	39.81952	NJ
1354	-0.42	-74.08159	39.8837	NJ	1426	-0.08	-74.08557	39.85137	NJ	1498	-0.17	-74.08916	39.81907	NJ
1355	-0.4	-74.08167	39.88326	NJ	1427	-0.09	-74.08565	39.85093	NJ	1499	-0.24	-74.0892	39.81862	NJ
1356	-0.38	-74.08171	39.88281	NJ	1428	-0.04	-74.0854	39.85046	NJ	1500	-0.23	-74.08928	39.81817	NJ
1357	-0.37	-74.08174	39.88235	NJ	1429	-0.02	-74.08546	39.85001	NJ	1501	-0.25	-74.08939	39.81773	NJ
1358	-0.32	-74.08174	39.8819	NJ	1430	-0.05	-74.08551	39.84956	NJ	1502	-0.25	-74.08949	39.81728	NJ
1359	-0.27	-74.08177	39.88144	NJ	1431	-0.05	-74.08557	39.84911	NJ	1503	-0.28	-74.08952	39.81683	NJ
1360	-0.27	-74.08185	39.881	NJ	1432	-0.05	-74.08565	39.84867	NJ	1504	-0.25	-74.08955	39.81638	NJ
1361	-0.27	-74.08191	39.88055	NJ	1433	-0.15	-74.086	39.84824	NJ	1505	-0.2	-74.0896	39.81593	NJ
1362	-0.24	-74.08195	39.8801	NJ	1434	-0.16	-74.08575	39.84777	NJ	1506	-0.14	-74.08963	39.81548	NJ
1363	-0.22	-74.08202	39.87965	NJ	1435	-0.14	-74.08583	39.84732	NJ	1507	-0.14	-74.08968	39.81503	NJ
1364	-0.16	-74.08202	39.87919	NJ	1436	-0.12	-74.08589	39.84687	NJ	1508	-0.17	-74.08971	39.81458	NJ
1365	-0.13	-74.08203	39.87874	NJ	1437	-0.1	-74.08594	39.84642	NJ	1509	-0.14	-74.08978	39.81414	NJ
1366	-0.15	-74.08202	39.87828	NJ	1438	-0.14	-74.086	39.84598	NJ	1510	-0.09	-74.08984	39.81369	NJ
1367	-0.2	-74.08206	39.87783	NJ	1439	-0.22	-74.08607	39.84553	NJ	1511	-0.08	-74.08995	39.81324	NJ
1368	-0.18	-74.08214	39.87738	NJ	1440	-0.22	-74.08611	39.84508	NJ	1512	-0.08	-74.09003	39.8128	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1513	-0.06	-74.09009	39.81235	NJ	1585	-1.92	-74.09464	39.78127	NJ	1657	-0.07	-74.11205	39.74362	NJ
1514	-0.03	-74.09015	39.8119	NJ	1586	-1.88	-74.09473	39.78083	NJ	1658	-0.15	-74.1124	39.74324	NJ
1515	-0.07	-74.09019	39.81145	NJ	1587	-1.81	-74.0948	39.78038	NJ	1659	-0.18	-74.1127	39.74285	NJ
1516	-0.13	-74.09023	39.811	NJ	1588	-1.78	-74.09486	39.77993	NJ	1660	-0.25	-74.11298	39.74245	NJ
1517	-0.12	-74.09024	39.81055	NJ	1589	-1.7	-74.09499	39.77949	NJ	1661	-0.35	-74.11324	39.74205	NJ
1518	-0.44	-74.09058	39.80858	NJ	1590	-1.59	-74.09508	39.77904	NJ	1662	-0.38	-74.11356	39.74166	NJ
1519	-0.55	-74.09065	39.8081	NJ	1591	-1.36	-74.09511	39.77859	NJ	1663	-0.37	-74.11385	39.74127	NJ
1520	-0.58	-74.0907	39.80763	NJ	1592	-1.02	-74.09514	39.77814	NJ	1664	-0.33	-74.11411	39.74086	NJ
1521	-0.62	-74.09081	39.80715	NJ	1593	-0.72	-74.09517	39.77768	NJ	1665	-0.33	-74.11433	39.74045	NJ
1522	-0.59	-74.0909	39.80668	NJ	1594	-0.49	-74.09525	39.77724	NJ	1666	-0.35	-74.1145	39.74002	NJ
1523	-0.57	-74.09097	39.8062	NJ	1595	-0.22	-74.09534	39.77679	NJ	1667	-0.42	-74.11475	39.73961	NJ
1524	-0.56	-74.09103	39.80573	NJ	1596	0.11	-74.09543	39.77635	NJ	1668	-0.43	-74.11504	39.73922	NJ
1525	-0.57	-74.09109	39.80525	NJ	1597	0.56	-74.09547	39.7759	NJ	1669	-0.47	-74.11531	39.73881	NJ
1526	-0.6	-74.09117	39.80478	NJ	1598	0.98	-74.09555	39.77545	NJ	1670	-0.48	-74.11554	39.7384	NJ
1527	-0.58	-74.09122	39.80431	NJ	1599	1.78	-74.09557	39.77499	NJ	1671	-0.55	-74.11571	39.73797	NJ
1528	-0.57	-74.09129	39.80383	NJ	1600	-0.18	-74.0956	39.77454	NJ	1672	-0.6	-74.11601	39.73758	NJ
1529	-0.61	-74.09132	39.80336	NJ	1601	0.12	-74.09566	39.77409	NJ	1673	-0.65	-74.11629	39.73717	NJ
1530	-0.6	-74.09142	39.80288	NJ	1602	0.74	-74.0957	39.77363	NJ	1674	-0.66	-74.11655	39.73677	NJ
1531	-0.58	-74.09142	39.80281	NJ	1603	2.93	-74.09706	39.76512	NJ	1675	-0.67	-74.11678	39.73636	NJ
1532	-0.59	-74.09148	39.80241	NJ	1604	2.83	-74.09702	39.76465	NJ	1676	-0.71	-74.11694	39.73593	NJ
1533	-0.57	-74.09149	39.80236	NJ	1605	-1.76	-74.10233	39.76454	NJ	1677	-0.77	-74.11714	39.7355	NJ
1534	-0.65	-74.09154	39.80194	NJ	1606	-1.4	-74.10168	39.76419	NJ	1678	-0.74	-74.11742	39.7351	NJ
1535	-0.61	-74.09154	39.80191	NJ	1607	-1.12	-74.10144	39.76394	NJ	1679	-0.74	-74.11768	39.7347	NJ
1536	-0.62	-74.09158	39.80147	NJ	1608	-1.17	-74.10139	39.76361	NJ	1680	-0.76	-74.11792	39.73429	NJ
1537	-0.62	-74.09158	39.80146	NJ	1609	-1.09	-74.10139	39.76348	NJ	1681	-0.74	-74.1181	39.73386	NJ
1538	-0.73	-74.09164	39.80101	NJ	1610	-1.27	-74.10146	39.76314	NJ	1682	-0.77	-74.11833	39.73344	NJ
1539	-0.74	-74.09164	39.801	NJ	1611	-1.48	-74.10159	39.76269	NJ	1683	-0.7	-74.11861	39.73304	NJ
1540	-0.85	-74.09167	39.80056	NJ	1612	-1.76	-74.10178	39.76227	NJ	1684	-0.66	-74.11887	39.73264	NJ
1541	-0.84	-74.09167	39.80053	NJ	1613	-2.06	-74.10197	39.76184	NJ	1685	-0.62	-74.11913	39.73224	NJ
1542	-0.91	-74.09174	39.80011	NJ	1614	-2.25	-74.10217	39.76142	NJ	1686	-0.68	-74.11925	39.73179	NJ
1543	-0.91	-74.09174	39.80005	NJ	1615	-2.27	-74.10229	39.76096	NJ	1687	-0.79	-74.11945	39.73137	NJ
1544	-0.95	-74.09178	39.79965	NJ	1616	-2.32	-74.1024	39.76051	NJ	1688	-0.83	-74.11974	39.73097	NJ
1545	-0.91	-74.09186	39.79921	NJ	1617	-2.38	-74.10265	39.7601	NJ	1689	-0.87	-74.12001	39.73057	NJ
1546	-0.84	-74.09193	39.79876	NJ	1618	-2.25	-74.1028	39.75966	NJ	1690	-0.86	-74.12024	39.73016	NJ
1547	-0.83	-74.09204	39.79832	NJ	1619	-2.09	-74.10295	39.75922	NJ	1691	-0.79	-74.12039	39.72972	NJ
1548	-0.83	-74.09215	39.79787	NJ	1620	-1.96	-74.1031	39.75878	NJ	1692	-0.8	-74.12061	39.7293	NJ
1549	-0.81	-74.09222	39.79743	NJ	1621	-1.79	-74.10323	39.75833	NJ	1693	-0.77	-74.12088	39.7289	NJ
1550	-0.79	-74.09222	39.79697	NJ	1622	-1.59	-74.10332	39.75788	NJ	1694	-0.65	-74.12112	39.72849	NJ
1551	-0.78	-74.09233	39.79653	NJ	1623	-1.26	-74.10329	39.75738	NJ	1695	-0.61	-74.12131	39.72806	NJ
1552	-0.82	-74.09239	39.79608	NJ	1624	0.81	-74.10114	39.75618	NJ	1696	-0.26	-74.12131	39.72757	NJ
1553	-0.86	-74.0925	39.79563	NJ	1625	0.18	-74.10217	39.75603	NJ	1697	-0.58	-74.12172	39.72722	NJ
1554	-0.86	-74.09258	39.79519	NJ	1626	-0.38	-74.10251	39.75565	NJ	1698	-0.63	-74.12202	39.72683	NJ
1555	-0.87	-74.09264	39.79474	NJ	1627	-0.24	-74.10268	39.75521	NJ	1699	-0.71	-74.12228	39.72642	NJ
1556	-0.89	-74.09271	39.79429	NJ	1628	0.12	-74.10277	39.75476	NJ	1700	-0.78	-74.12248	39.726	NJ
1557	-0.9	-74.0928	39.79384	NJ	1629	0.43	-74.10281	39.75428	NJ	1701	-0.74	-74.12267	39.72557	NJ
1558	-0.94	-74.09288	39.7934	NJ	1630	2.37	-74.10133	39.7533	NJ	1702	-0.76	-74.12291	39.72516	NJ
1559	-1.01	-74.09294	39.79295	NJ	1631	2.58	-74.10141	39.75284	NJ	1703	-0.75	-74.12318	39.72476	NJ
1560	-1.1	-74.09299	39.7925	NJ	1632	2.71	-74.10156	39.75239	NJ	1704	-0.7	-74.12341	39.72435	NJ
1561	-1.17	-74.09308	39.79205	NJ	1633	2.65	-74.10188	39.75201	NJ	1705	-0.64	-74.12361	39.72392	NJ
1562	-1.2	-74.09312	39.7916	NJ	1634	2.58	-74.10226	39.75165	NJ	1706	-0.57	-74.12376	39.72348	NJ
1563	-1.26	-74.09325	39.79116	NJ	1635	2.4	-74.1028	39.75134	NJ	1707	-0.59	-74.12395	39.72306	NJ
1564	-1.3	-74.09335	39.79072	NJ	1636	2.23	-74.1033	39.75101	NJ	1708	-0.54	-74.12421	39.72265	NJ
1565	-1.34	-74.09344	39.79027	NJ	1637	2.05	-74.10384	39.7507	NJ	1709	-0.48	-74.12447	39.72225	NJ
1566	-1.37	-74.09354	39.78982	NJ	1638	1.92	-74.10429	39.75036	NJ	1710	-0.52	-74.12468	39.72183	NJ
1567	-1.44	-74.09361	39.78938	NJ	1639	1.8	-74.10475	39.75002	NJ	1711	-0.54	-74.12483	39.72139	NJ
1568	-1.44	-74.09367	39.78893	NJ	1640	1.69	-74.10518	39.74967	NJ	1712	-0.55	-74.12497	39.72094	NJ
1569	-1.48	-74.09377	39.78848	NJ	1641	1.62	-74.10558	39.74931	NJ	1713	-0.89	-74.1252	39.72053	NJ
1570	-1.47	-74.09375	39.78802	NJ	1642	1.54	-74.10596	39.74895	NJ	1714	-0.97	-74.12544	39.72012	NJ
1571	-1.45	-74.09373	39.78756	NJ	1643	1.44	-74.10638	39.7486	NJ	1715	-1.01	-74.12572	39.71972	NJ
1572	-1.46	-74.09377	39.78711	NJ	1644	1.16	-74.10686	39.74827	NJ	1716	-0.98	-74.12592	39.71929	NJ
1573	-1.47	-74.0938	39.78665	NJ	1645	0.99	-74.10736	39.74794	NJ	1717	-0.98	-74.1261	39.71887	NJ
1574	-1.52	-74.09383	39.7862	NJ	1646	0.81	-74.10786	39.74762	NJ	1718	-0.98	-74.12631	39.71845	NJ
1575	-1.55	-74.09392	39.78575	NJ	1647	0.67	-74.10832	39.74728	NJ	1719	-0.95	-74.12656	39.71804	NJ
1576	-1.58	-74.09399	39.78531	NJ	1648	0.56	-74.1087	39.74692	NJ	1720	-0.92	-74.12679	39.71763	NJ
1577	-1.66	-74.09407	39.78486	NJ	1649	0.45	-74.10913	39.74657	NJ	1721	-0.9	-74.12701	39.71721	NJ
1578	-1.74	-74.09413	39.78441	NJ	1650	0.35	-74.10954	39.74622	NJ	1722	-0.86	-74.12724	39.7168	NJ
1579	-1.77	-74.09419	39.78396	NJ	1651	0.32	-74.10986	39.74583	NJ	1723	-0.81	-74.12749	39.71639	NJ
1580	-1.78	-74.09419	39.7835	NJ	1652	0.23	-74.11024	39.74547	NJ	1724	-0.8	-74.12775	39.71598	NJ
1581	-1.82	-74.09425	39.78305	NJ	1653	0.22	-74.11057	39.74509	NJ	1725	-0.82	-74.12796	39.71556	NJ
1582	-1.84	-74.09433	39.7826	NJ	1654	0.12	-74.11096	39.74472	NJ	1726	-0.82	-74.12816	39.71514	NJ
1583	-1.87	-74.09444	39.78216	NJ	1655	0.04	-74.11131	39.74435	NJ	1727	-0.88	-74.12839	39.71473	NJ
1584	-1.87	-74.0945	39.78171	NJ	1656	-0.04	-74.11172	39.744	NJ	1728	-0.59	-74.12813	39.71415	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1729	-1.05	-74.12874	39.71386	NJ	1801	-1.13	-74.14566	39.68505	NJ	1873	-0.28	-74.16698	39.65712	NJ
1730	-0.99	-74.12897	39.71345	NJ	1802	-1.14	-74.1459	39.68464	NJ	1874	-0.25	-74.1673	39.65674	NJ
1731	-0.98	-74.1292	39.71304	NJ	1803	-1.14	-74.14619	39.68425	NJ	1875	-0.23	-74.16756	39.65634	NJ
1732	-0.98	-74.12939	39.71261	NJ	1804	-1.15	-74.14647	39.68385	NJ	1876	-0.16	-74.16783	39.65594	NJ
1733	-0.85	-74.12956	39.71218	NJ	1805	-1.1	-74.14676	39.68346	NJ	1877	-0.03	-74.16815	39.65556	NJ
1734	-0.78	-74.12978	39.71176	NJ	1806	-1.16	-74.14706	39.68308	NJ	1878	0.01	-74.16833	39.65512	NJ
1735	-0.75	-74.13002	39.71134	NJ	1807	-1.16	-74.14732	39.68268	NJ	1879	-0.09	-74.16869	39.65476	NJ
1736	-0.71	-74.1302	39.71091	NJ	1808	-1.07	-74.14757	39.68226	NJ	1880	-0.02	-74.16904	39.6544	NJ
1737	-0.64	-74.13031	39.71046	NJ	1809	-1.11	-74.14784	39.68186	NJ	1881	-0.04	-74.16937	39.65403	NJ
1738	-0.69	-74.13045	39.71001	NJ	1810	-1.11	-74.14812	39.68147	NJ	1882	-0.08	-74.16971	39.65366	NJ
1739	-0.8	-74.13065	39.70959	NJ	1811	-1.13	-74.14842	39.68108	NJ	1883	-0.05	-74.17006	39.6533	NJ
1740	-0.88	-74.13091	39.70919	NJ	1812	-1.16	-74.14873	39.6807	NJ	1884	-0.07	-74.1703	39.65289	NJ
1741	-0.94	-74.13113	39.70878	NJ	1813	-1.14	-74.149	39.6803	NJ	1885	-0.16	-74.17072	39.65255	NJ
1742	-1.01	-74.1313	39.70834	NJ	1814	-1.21	-74.14931	39.67992	NJ	1886	-0.12	-74.17104	39.65217	NJ
1743	-0.54	-74.13104	39.70777	NJ	1815	-1.19	-74.14961	39.67954	NJ	1887	-0.08	-74.1713	39.65177	NJ
1744	-1.02	-74.13165	39.70748	NJ	1816	-1.17	-74.14989	39.67913	NJ	1888	-0.11	-74.1716	39.65138	NJ
1745	-1.05	-74.13194	39.70708	NJ	1817	-1.16	-74.15012	39.67872	NJ	1889	-0.11	-74.17191	39.651	NJ
1746	-1.05	-74.13226	39.7067	NJ	1818	-1.13	-74.15039	39.67832	NJ	1890	-0.06	-74.17216	39.6506	NJ
1747	-1	-74.13252	39.70629	NJ	1819	-1.11	-74.1507	39.67793	NJ	1891	-0.05	-74.17236	39.65017	NJ
1748	-1.01	-74.13254	39.70624	NJ	1820	-1.1	-74.15099	39.67755	NJ	1892	-0.06	-74.17271	39.6498	NJ
1749	-0.98	-74.13269	39.70586	NJ	1821	-1.07	-74.15128	39.67716	NJ	1893	-0.09	-74.17307	39.64944	NJ
1750	-0.99	-74.13271	39.7058	NJ	1822	-0.97	-74.15157	39.67676	NJ	1894	-0.12	-74.17343	39.64908	NJ
1751	-1.05	-74.13284	39.70533	NJ	1823	-0.97	-74.15186	39.67638	NJ	1895	-0.16	-74.17381	39.64874	NJ
1752	-1.1	-74.13303	39.70489	NJ	1824	-0.89	-74.15215	39.67599	NJ	1896	-0.1	-74.17419	39.64838	NJ
1753	-1.09	-74.1333	39.7045	NJ	1825	-0.88	-74.15248	39.67562	NJ	1897	-0.1	-74.1743	39.64791	NJ
1754	-1.1	-74.13358	39.7041	NJ	1826	-0.9	-74.15282	39.67524	NJ	1898	-0.13	-74.17462	39.64753	NJ
1755	-1.08	-74.13383	39.7037	NJ	1827	-0.94	-74.15312	39.67486	NJ	1899	-0.14	-74.1749	39.64714	NJ
1756	-1.04	-74.13405	39.70328	NJ	1828	-0.94	-74.15343	39.67448	NJ	1900	-0.11	-74.17514	39.64673	NJ
1757	-1.07	-74.13419	39.70281	NJ	1829	-0.97	-74.15376	39.67411	NJ	1901	-0.08	-74.17548	39.64635	NJ
1758	-1.08	-74.13437	39.70238	NJ	1830	-1.01	-74.15414	39.67375	NJ	1902	-0.03	-74.1758	39.64598	NJ
1759	-1.15	-74.13466	39.70199	NJ	1831	-1.01	-74.15446	39.67338	NJ	1903	0	-74.1761	39.64559	NJ
1760	-1.2	-74.13495	39.7016	NJ	1832	-0.99	-74.15475	39.67299	NJ	1904	-0.06	-74.17641	39.64521	NJ
1761	-1.23	-74.13519	39.70119	NJ	1833	-0.99	-74.15503	39.67259	NJ	1905	-0.07	-74.17671	39.64483	NJ
1762	-1.16	-74.13535	39.70073	NJ	1834	-0.93	-74.15535	39.67221	NJ	1906	-0.09	-74.17703	39.64445	NJ
1763	-1.06	-74.13547	39.70027	NJ	1835	-0.91	-74.15565	39.67183	NJ	1907	-0.12	-74.17732	39.64406	NJ
1764	-1.16	-74.13579	39.69989	NJ	1836	-0.85	-74.15585	39.6714	NJ	1908	-0.07	-74.17764	39.64368	NJ
1765	-1.19	-74.13612	39.69952	NJ	1837	-0.8	-74.1561	39.67098	NJ	1909	-0.02	-74.17799	39.64332	NJ
1766	-1.22	-74.13641	39.69913	NJ	1838	-0.83	-74.15637	39.67059	NJ	1910	0.02	-74.17825	39.64291	NJ
1767	-1.19	-74.13663	39.6987	NJ	1839	-0.82	-74.15666	39.6702	NJ	1911	0.07	-74.1786	39.64255	NJ
1768	-1.08	-74.13681	39.69826	NJ	1840	-0.77	-74.15698	39.66982	NJ	1912	0.12	-74.17892	39.64217	NJ
1769	-1.11	-74.13705	39.69786	NJ	1841	-0.73	-74.15729	39.66944	NJ	1913	-0.46	-74.17912	39.64193	NJ
1770	-1.3	-74.13737	39.69747	NJ	1842	-0.72	-74.15756	39.66904	NJ	1914	-0.49	-74.17943	39.64154	NJ
1771	-1.28	-74.13766	39.69709	NJ	1843	-0.73	-74.15778	39.66862	NJ	1915	-0.52	-74.17973	39.64116	NJ
1772	-1.28	-74.13788	39.69666	NJ	1844	-0.62	-74.158	39.6682	NJ	1916	-0.48	-74.17999	39.64076	NJ
1773	-1.25	-74.13806	39.69622	NJ	1845	-0.59	-74.15826	39.66779	NJ	1917	-0.49	-74.18015	39.64031	NJ
1774	-1.16	-74.13834	39.69582	NJ	1846	-0.54	-74.15857	39.66741	NJ	1918	-0.5	-74.1804	39.6399	NJ
1775	-1.13	-74.13864	39.69544	NJ	1847	-0.52	-74.15892	39.66704	NJ	1919	-0.47	-74.18069	39.63951	NJ
1776	-1.15	-74.13895	39.69506	NJ	1848	-0.51	-74.15926	39.66667	NJ	1920	-0.45	-74.18102	39.63913	NJ
1777	-1.14	-74.13921	39.69465	NJ	1849	-0.5	-74.15958	39.6663	NJ	1921	-0.45	-74.18134	39.63875	NJ
1778	-1.17	-74.1394	39.69422	NJ	1850	-0.53	-74.15984	39.66589	NJ	1922	-0.47	-74.1817	39.6384	NJ
1779	-1.19	-74.1396	39.69379	NJ	1851	-0.53	-74.16003	39.66546	NJ	1923	-0.52	-74.18195	39.63799	NJ
1780	-1.14	-74.13986	39.69338	NJ	1852	-0.52	-74.16034	39.66508	NJ	1924	-0.51	-74.18228	39.63762	NJ
1781	-1.12	-74.14018	39.69301	NJ	1853	-0.43	-74.16069	39.66472	NJ	1925	-0.51	-74.18262	39.63725	NJ
1782	-1.17	-74.14047	39.69261	NJ	1854	-0.36	-74.16104	39.66435	NJ	1926	-0.57	-74.18303	39.63691	NJ
1783	-1.1	-74.14072	39.69221	NJ	1855	-0.34	-74.16138	39.66398	NJ	1927	-0.59	-74.18336	39.63654	NJ
1784	-1.05	-74.14091	39.69178	NJ	1856	-0.34	-74.16173	39.66362	NJ	1928	-0.55	-74.18362	39.63614	NJ
1785	-1.01	-74.14114	39.69136	NJ	1857	-0.3	-74.16202	39.66323	NJ	1929	-0.52	-74.18362	39.63562	NJ
1786	-1.09	-74.14149	39.69099	NJ	1858	-0.23	-74.16212	39.66276	NJ	1930	-0.51	-74.18407	39.6353	NJ
1787	-1.13	-74.14178	39.69061	NJ	1859	-0.32	-74.16248	39.66239	NJ	1931	-0.47	-74.1844	39.63492	NJ
1788	-1.1	-74.14206	39.69021	NJ	1860	-0.32	-74.16281	39.66202	NJ	1932	-0.45	-74.18471	39.63454	NJ
1789	-1.08	-74.14232	39.6898	NJ	1861	-0.29	-74.16316	39.66166	NJ	1933	-0.51	-74.185	39.63415	NJ
1790	-1.05	-74.14253	39.68937	NJ	1862	-0.27	-74.16348	39.66129	NJ	1934	-0.56	-74.18524	39.63374	NJ
1791	-1.09	-74.14279	39.68897	NJ	1863	-0.28	-74.16383	39.66092	NJ	1935	-0.59	-74.18549	39.63333	NJ
1792	-1.13	-74.1431	39.68859	NJ	1864	-0.33	-74.16409	39.66051	NJ	1936	-0.52	-74.18578	39.63294	NJ
1793	-1.16	-74.14342	39.68821	NJ	1865	-0.32	-74.16431	39.66009	NJ	1937	-0.52	-74.18604	39.63253	NJ
1794	-1.11	-74.14372	39.68783	NJ	1866	-0.27	-74.16466	39.65972	NJ	1938	-0.48	-74.1862	39.63209	NJ
1795	-1.01	-74.14401	39.68744	NJ	1867	-0.26	-74.16498	39.65935	NJ	1939	-0.39	-74.18636	39.63164	NJ
1796	-0.99	-74.14426	39.68702	NJ	1868	-0.24	-74.1653	39.65897	NJ	1940	-0.42	-74.18663	39.63124	NJ
1797	-1.02	-74.14449	39.6866	NJ	1869	-0.25	-74.16573	39.65865	NJ	1941	-0.41	-74.18695	39.63086	NJ
1798	-1.05	-74.14478	39.68622	NJ	1870	-0.23	-74.16603	39.65826	NJ	1942	-0.49	-74.18727	39.63048	NJ
1799	-1.12	-74.14508	39.68583	NJ	1871	-0.24	-74.16618	39.65781	NJ	1943	-0.49	-74.18758	39.6301	NJ
1800	-1.17	-74.14539	39.68545	NJ	1872	-0.32	-74.1666	39.65747	NJ	1944	-0.46	-74.18788	39.62972	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1945	-0.57	-74.18822	39.62935	NJ	2017	-0.04	-74.20818	39.60082	NJ	2089	-0.32	-74.22856	39.57218	NJ
1946	-0.6	-74.18889	39.62913	NJ	2018	-0.05	-74.20848	39.60043	NJ	2090	-0.32	-74.22881	39.57178	NJ
1947	-0.58	-74.18884	39.62859	NJ	2019	-0.05	-74.20863	39.59998	NJ	2091	-0.28	-74.229	39.57134	NJ
1948	-0.58	-74.18913	39.6282	NJ	2020	-0.07	-74.20892	39.5996	NJ	2092	-0.29	-74.22919	39.57091	NJ
1949	-0.59	-74.18941	39.6278	NJ	2021	-0.09	-74.20921	39.5992	NJ	2093	-0.24	-74.22948	39.57052	NJ
1950	-0.61	-74.18971	39.62742	NJ	2022	-0.05	-74.20947	39.5988	NJ	2094	-0.25	-74.22978	39.57014	NJ
1951	-0.6	-74.19006	39.62705	NJ	2023	-0.06	-74.20979	39.59842	NJ	2095	-0.21	-74.2301	39.56976	NJ
1952	-0.64	-74.19035	39.62666	NJ	2024	-0.1	-74.21008	39.59803	NJ	2096	-0.19	-74.23042	39.56938	NJ
1953	-0.66	-74.19063	39.62627	NJ	2025	-0.14	-74.21046	39.59768	NJ	2097	-0.11	-74.23071	39.56899	NJ
1954	-0.61	-74.1909	39.62587	NJ	2026	-0.15	-74.21085	39.59733	NJ	2098	-0.12	-74.23093	39.56857	NJ
1955	-0.7	-74.19122	39.62549	NJ	2027	-0.12	-74.2112	39.59696	NJ	2099	-0.02	-74.23111	39.56813	NJ
1956	-0.72	-74.19153	39.62511	NJ	2028	-0.11	-74.21147	39.59657	NJ	2100	-0.02	-74.23132	39.56771	NJ
1957	-0.71	-74.19182	39.62472	NJ	2029	-0.01	-74.21156	39.59609	NJ	2101	-0.04	-74.23164	39.56733	NJ
1958	-0.69	-74.19209	39.62431	NJ	2030	-0.15	-74.21198	39.59575	NJ	2102	-0.07	-74.23196	39.56696	NJ
1959	-0.65	-74.19235	39.62391	NJ	2031	-0.26	-74.2123	39.59538	NJ	2103	-0.08	-74.2323	39.56658	NJ
1960	-0.71	-74.19264	39.62352	NJ	2032	-0.26	-74.21269	39.59503	NJ	2104	-0.07	-74.23257	39.56618	NJ
1961	-0.72	-74.19295	39.62313	NJ	2033	-0.26	-74.21304	39.59467	NJ	2105	-0.04	-74.23273	39.56574	NJ
1962	-0.68	-74.19322	39.62274	NJ	2034	-0.24	-74.21333	39.59428	NJ	2106	-0.02	-74.23296	39.56532	NJ
1963	-0.62	-74.19366	39.62242	NJ	2035	-0.27	-74.21359	39.59388	NJ	2107	-0.05	-74.23328	39.56495	NJ
1964	-0.59	-74.19374	39.62193	NJ	2036	-0.27	-74.21362	39.59338	NJ	2108	-0.03	-74.23366	39.56459	NJ
1965	-0.51	-74.19402	39.62154	NJ	2037	-0.27	-74.21387	39.59296	NJ	2109	0.01	-74.23399	39.56422	NJ
1966	-0.5	-74.19427	39.62113	NJ	2038	-0.31	-74.21417	39.59258	NJ	2110	-0.03	-74.23427	39.56382	NJ
1967	-0.41	-74.19453	39.62073	NJ	2039	-0.29	-74.21455	39.59222	NJ	2111	-0.05	-74.23445	39.56339	NJ
1968	-0.38	-74.19478	39.62032	NJ	2040	-0.28	-74.21497	39.59189	NJ	2112	-0.18	-74.23454	39.56292	NJ
1969	-0.36	-74.19508	39.61994	NJ	2041	-0.3	-74.21521	39.59148	NJ	2113	-0.27	-74.23492	39.56256	NJ
1970	-0.4	-74.19534	39.61953	NJ	2042	-0.37	-74.21556	39.59112	NJ	2114	-0.3	-74.23529	39.5622	NJ
1971	-0.37	-74.19556	39.6191	NJ	2043	-0.4	-74.21584	39.59071	NJ	2115	-0.29	-74.23566	39.56184	NJ
1972	-0.35	-74.19579	39.61868	NJ	2044	-0.37	-74.21609	39.59032	NJ	2116	-0.21	-74.23602	39.56147	NJ
1973	-0.33	-74.19603	39.61827	NJ	2045	-0.34	-74.21635	39.58991	NJ	2117	-0.19	-74.23636	39.5611	NJ
1974	-0.39	-74.1963	39.61788	NJ	2046	-0.27	-74.21664	39.58952	NJ	2118	-0.15	-74.23665	39.56071	NJ
1975	-0.36	-74.19659	39.61748	NJ	2047	-0.25	-74.21684	39.58909	NJ	2119	-0.1	-74.23685	39.56028	NJ
1976	-0.31	-74.19688	39.61709	NJ	2048	-0.27	-74.21713	39.5887	NJ	2120	-0.08	-74.237	39.55984	NJ
1977	-0.27	-74.19711	39.61668	NJ	2049	-0.26	-74.21738	39.58829	NJ	2121	-0.09	-74.23738	39.55948	NJ
1978	-0.29	-74.1974	39.61629	NJ	2050	-0.29	-74.21765	39.58789	NJ	2122	-0.12	-74.23776	39.55913	NJ
1979	-0.3	-74.19769	39.6159	NJ	2051	-0.33	-74.21791	39.58749	NJ	2123	-0.16	-74.23813	39.55877	NJ
1980	-0.32	-74.19794	39.61549	NJ	2052	-0.32	-74.21819	39.58709	NJ	2124	-0.17	-74.23848	39.5584	NJ
1981	-0.31	-74.1982	39.61508	NJ	2053	-0.33	-74.21848	39.5867	NJ	2125	-0.2	-74.23878	39.55801	NJ
1982	-0.38	-74.1985	39.6147	NJ	2054	-0.33	-74.21883	39.58633	NJ	2126	-0.14	-74.23895	39.55757	NJ
1983	-0.4	-74.19875	39.61429	NJ	2055	-0.31	-74.21915	39.58596	NJ	2127	-0.48	-74.23924	39.55719	NJ
1984	-0.39	-74.19901	39.61388	NJ	2056	-0.29	-74.21948	39.58559	NJ	2128	-0.6	-74.23967	39.55684	NJ
1985	-0.3	-74.19923	39.61347	NJ	2057	-0.27	-74.21974	39.58518	NJ	2129	-0.69	-74.24005	39.55649	NJ
1986	-0.27	-74.19949	39.61306	NJ	2058	-0.28	-74.21999	39.58477	NJ	2130	-0.74	-74.24043	39.55614	NJ
1987	-0.29	-74.19975	39.61266	NJ	2059	-0.32	-74.22023	39.58436	NJ	2131	-0.76	-74.24078	39.55577	NJ
1988	-0.26	-74.20004	39.61227	NJ	2060	-0.32	-74.22047	39.58395	NJ	2132	-0.86	-74.241	39.55535	NJ
1989	-0.2	-74.20033	39.61187	NJ	2061	-0.27	-74.22075	39.58355	NJ	2133	-1.07	-74.24126	39.55494	NJ
1990	-0.16	-74.20058	39.61147	NJ	2062	-0.24	-74.22101	39.58315	NJ	2134	-1.18	-74.2417	39.55461	NJ
1991	-0.11	-74.20081	39.61105	NJ	2063	-0.27	-74.22118	39.5827	NJ	2135	-1.29	-74.24213	39.55427	NJ
1992	-0.15	-74.201	39.61062	NJ	2064	-0.24	-74.22147	39.58231	NJ	2136	-1.41	-74.24251	39.55392	NJ
1993	-0.17	-74.20128	39.61022	NJ	2065	-0.2	-74.22176	39.58193	NJ	2137	-1.47	-74.2429	39.55356	NJ
1994	-0.17	-74.20152	39.60981	NJ	2066	-0.19	-74.22205	39.58154	NJ	2138	-1.52	-74.24327	39.55321	NJ
1995	-0.22	-74.20178	39.6094	NJ	2067	-0.16	-74.22231	39.58113	NJ	2139	-1.54	-74.24361	39.55283	NJ
1996	-0.25	-74.20204	39.609	NJ	2068	-0.16	-74.22258	39.58073	NJ	2140	-1.64	-74.2438	39.5524	NJ
1997	-0.19	-74.20232	39.6086	NJ	2069	-0.17	-74.22285	39.58034	NJ	2141	-1.86	-74.24442	39.55213	NJ
1998	-0.12	-74.20258	39.6082	NJ	2070	-0.18	-74.22318	39.57996	NJ	2142	-2.02	-74.24483	39.55179	NJ
1999	-0.08	-74.20287	39.60781	NJ	2071	-0.18	-74.22346	39.57957	NJ	2143	-2.22	-74.24527	39.55146	NJ
2000	-0.05	-74.20314	39.60741	NJ	2072	-0.13	-74.22375	39.57918	NJ	2144	-2.4	-74.2457	39.55112	NJ
2001	0.01	-74.20341	39.60701	NJ	2073	-0.16	-74.22398	39.57876	NJ	2145	-2.53	-74.24608	39.55077	NJ
2002	-0.05	-74.20369	39.60661	NJ	2074	-0.2	-74.22424	39.57835	NJ	2146	-2.75	-74.24654	39.55044	NJ
2003	-0.04	-74.20403	39.60624	NJ	2075	-0.2	-74.22452	39.57796	NJ	2147	-2.87	-74.24689	39.55008	NJ
2004	-0.02	-74.20432	39.60585	NJ	2076	-0.11	-74.22482	39.57757	NJ	2148	-2.97	-74.24724	39.54971	NJ
2005	-0.01	-74.20462	39.60547	NJ	2077	-0.12	-74.22511	39.57718	NJ	2149	-3.28	-74.2476	39.54935	NJ
2006	-0.02	-74.20488	39.60507	NJ	2078	-0.07	-74.22539	39.57678	NJ	2150	-3.4	-74.24802	39.549	NJ
2007	-0.03	-74.20509	39.60464	NJ	2079	-0.09	-74.22565	39.57638	NJ	2151	-3.55	-74.24849	39.54868	NJ
2008	0.05	-74.20563	39.60436	NJ	2080	-0.1	-74.22604	39.57574	NJ	2152	-3.68	-74.24886	39.54831	NJ
2009	0.05	-74.2059	39.60396	NJ	2081	-0.11	-74.22633	39.57535	NJ	2153	-3.83	-74.24919	39.54794	NJ
2010	0.05	-74.20618	39.60356	NJ	2082	-0.1	-74.22667	39.57498	NJ	2154	-3.9	-74.24953	39.54757	NJ
2011	-0.03	-74.20651	39.6032	NJ	2083	-0.12	-74.22696	39.57458	NJ	2155	-3.94	-74.24985	39.54719	NJ
2012	0.02	-74.20676	39.60278	NJ	2084	-0.09	-74.22723	39.57419	NJ	2156	-4.08	-74.25015	39.54681	NJ
2013	0	-74.20702	39.60238	NJ	2085	-0.16	-74.22746	39.57377	NJ	2157	-4.18	-74.25055	39.54646	NJ
2014	0.07	-74.20724	39.60196	NJ	2086	-0.17	-74.22768	39.57335	NJ	2158	-4.28	-74.25092	39.54609	NJ
2015	0.04	-74.20758	39.60159	NJ	2087	-0.26	-74.22797	39.57296	NJ	2159	-4.44	-74.25127	39.54573	NJ
2016	0	-74.20776	39.60115	NJ	2088	-0.32	-74.22829	39.57258	NJ	2160	-4.58	-74.25157	39.54534	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2161	-4.63	-74.25189	39.54496	NJ	2233	-9.42	-74.27356	39.51962	NJ	2305	4	-74.31207	39.46739	NJ
2162	-4.73	-74.25224	39.5446	NJ	2234	-9.42	-74.2737	39.51935	NJ	2306	3.93	-74.31238	39.467	NJ
2163	-4.78	-74.25259	39.54423	NJ	2235	-9.35	-74.2738	39.51921	NJ	2307	3.86	-74.31271	39.46663	NJ
2164	-4.78	-74.25288	39.54384	NJ	2236	-9.31	-74.27399	39.51894	NJ	2308	3.76	-74.31305	39.46627	NJ
2165	-4.82	-74.2532	39.54346	NJ	2237	-9.3	-74.27409	39.51882	NJ	2309	3.61	-74.31339	39.4659	NJ
2166	-4.74	-74.25352	39.54308	NJ	2238	-9.25	-74.27432	39.51856	NJ	2310	3.43	-74.31374	39.46553	NJ
2167	-4.78	-74.25381	39.54269	NJ	2239	-9.3	-74.27441	39.51844	NJ	2311	3.22	-74.31409	39.46518	NJ
2168	-4.84	-74.2541	39.5423	NJ	2240	-9.25	-74.27466	39.51818	NJ	2312	3.12	-74.31442	39.46482	NJ
2169	-4.8	-74.25443	39.54191	NJ	2241	-9.33	-74.27507	39.51787	NJ	2313	3	-74.31477	39.46446	NJ
2170	-4.78	-74.25476	39.54154	NJ	2242	-9.43	-74.2755	39.51756	NJ	2314	2.9	-74.31511	39.46409	NJ
2171	-4.81	-74.2551	39.54117	NJ	2243	-9.5	-74.27589	39.51723	NJ	2315	2.71	-74.31549	39.46374	NJ
2172	-4.9	-74.25542	39.54079	NJ	2244	-9.52	-74.27625	39.51686	NJ	2316	2.48	-74.31587	39.4634	NJ
2173	-5.01	-74.25586	39.54046	NJ	2245	-9.45	-74.27657	39.51647	NJ	2317	2.34	-74.31619	39.46303	NJ
2174	-5.48	-74.25607	39.54004	NJ	2246	-9.42	-74.27692	39.51611	NJ	2318	2.24	-74.31653	39.46266	NJ
2175	-5.53	-74.25639	39.53965	NJ	2247	-9.43	-74.27728	39.51577	NJ	2319	2.15	-74.31686	39.4623	NJ
2176	-5.51	-74.25667	39.53926	NJ	2248	-9.41	-74.27766	39.51542	NJ	2320	2.02	-74.3172	39.46192	NJ
2177	-5.59	-74.25703	39.5389	NJ	2249	-9.41	-74.27802	39.51506	NJ	2321	1.88	-74.3175	39.46154	NJ
2178	-5.65	-74.25732	39.5385	NJ	2250	-9.4	-74.27838	39.5147	NJ	2322	1.64	-74.3179	39.4612	NJ
2179	-5.68	-74.25757	39.5381	NJ	2251	-9.4	-74.27875	39.51435	NJ	2323	1.51	-74.31819	39.46081	NJ
2180	-5.71	-74.25786	39.5377	NJ	2252	-9.42	-74.27911	39.514	NJ	2324	1.45	-74.31844	39.46039	NJ
2181	-5.78	-74.25816	39.53732	NJ	2253	-9.45	-74.27951	39.51367	NJ	2325	1.27	-74.31883	39.46006	NJ
2182	-5.53	-74.25845	39.53693	NJ	2254	-9.5	-74.27992	39.51335	NJ	2326	1.14	-74.31917	39.45969	NJ
2183	-5.47	-74.25873	39.53653	NJ	2255	-9.56	-74.28033	39.51304	NJ	2327	1.01	-74.31949	39.45932	NJ
2184	-5.49	-74.25896	39.53611	NJ	2256	-9.63	-74.28076	39.51273	NJ	2328	0.89	-74.31982	39.45894	NJ
2185	-5.55	-74.2592	39.53571	NJ	2257	-9.69	-74.28117	39.51241	NJ	2329	0.76	-74.32013	39.45856	NJ
2186	-5.64	-74.25948	39.53531	NJ	2258	-9.77	-74.2816	39.5121	NJ	2330	0.68	-74.32043	39.45818	NJ
2187	-5.67	-74.25972	39.5349	NJ	2259	-9.85	-74.28203	39.5118	NJ	2331	0.61	-74.32076	39.45781	NJ
2188	-5.57	-74.25993	39.53448	NJ	2260	-9.87	-74.28242	39.51147	NJ	2332	0.55	-74.32109	39.45743	NJ
2189	-5.61	-74.26004	39.53402	NJ	2261	-9.82	-74.28281	39.51113	NJ	2333	0.52	-74.3214	39.45705	NJ
2190	-5.66	-74.26041	39.53366	NJ	2262	-9.73	-74.28317	39.51077	NJ	2334	0.52	-74.32169	39.45665	NJ
2191	-5.64	-74.26067	39.53325	NJ	2263	-9.69	-74.28355	39.51044	NJ	2335	0.48	-74.32199	39.45627	NJ
2192	-5.63	-74.26091	39.53284	NJ	2264	-9.63	-74.28394	39.5101	NJ	2336	0.49	-74.32224	39.45585	NJ
2193	-5.63	-74.26099	39.53237	NJ	2265	-9.55	-74.28432	39.50975	NJ	2337	0.45	-74.32256	39.45547	NJ
2194	-5.85	-74.26152	39.53208	NJ	2266	-9.49	-74.28468	39.5094	NJ	2338	0.45	-74.32283	39.45507	NJ
2195	-5.98	-74.26193	39.53173	NJ	2267	-9.44	-74.28506	39.50906	NJ	2339	0.47	-74.3231	39.45467	NJ
2196	-6.18	-74.26233	39.53138	NJ	2268	-9.45	-74.28552	39.50877	NJ	2340	0.55	-74.32336	39.45425	NJ
2197	-6.29	-74.26265	39.531	NJ	2269	-9.48	-74.286	39.5085	NJ	2341	0.56	-74.32365	39.45386	NJ
2198	-6.71	-74.26367	39.53089	NJ	2270	-9.53	-74.28648	39.50824	NJ	2342	0.62	-74.32391	39.45345	NJ
2199	-7.56	-74.26419	39.53059	NJ	2271	-9.56	-74.28696	39.50797	NJ	2343	0.67	-74.32417	39.45303	NJ
2200	-7.78	-74.26463	39.53026	NJ	2272	-9.5	-74.28746	39.50773	NJ	2344	0.7	-74.32443	39.45263	NJ
2201	-7.99	-74.26517	39.52996	NJ	2273	-9.11	-74.28792	39.50744	NJ	2345	0.78	-74.32466	39.4522	NJ
2202	-8.17	-74.26559	39.52962	NJ	2274	-11.55	-74.2944	39.50732	NJ	2346	0.81	-74.32495	39.4518	NJ
2203	-8.36	-74.26598	39.52927	NJ	2275	-9.03	-74.28841	39.50718	NJ	2347	0.85	-74.32529	39.45143	NJ
2204	-8.46	-74.26634	39.52891	NJ	2276	-9.03	-74.28889	39.50692	NJ	2348	0.89	-74.32562	39.45107	NJ
2205	-8.59	-74.26671	39.52854	NJ	2277	-9.11	-74.28941	39.50668	NJ	2349	0.85	-74.32599	39.45072	NJ
2206	-8.71	-74.26707	39.52818	NJ	2278	-11.84	-74.30002	39.50653	NJ	2350	0.8	-74.32629	39.45033	NJ
2207	-8.77	-74.26743	39.52782	NJ	2279	-9.12	-74.28995	39.50646	NJ	2351	0.77	-74.32655	39.44992	NJ
2208	-8.84	-74.26781	39.52746	NJ	2280	-9.75	-74.29228	39.50634	NJ	2352	-0.33	-74.32825	39.44978	NJ
2209	-8.88	-74.26816	39.52709	NJ	2281	-9.11	-74.29054	39.50629	NJ	2353	0.78	-74.32681	39.44951	NJ
2210	-8.87	-74.26852	39.52673	NJ	2282	-9.32	-74.29132	39.50624	NJ	2354	-0.37	-74.32861	39.44943	NJ
2211	-8.86	-74.26884	39.52635	NJ	2283	-10.7	-74.29997	39.50587	NJ	2355	-0.27	-74.32883	39.44898	NJ
2212	-8.89	-74.26917	39.52597	NJ	2284	-9.7	-74.3	39.50527	NJ	2356	-0.84	-74.32968	39.44891	NJ
2213	-8.89	-74.26947	39.52559	NJ	2285	-17.41	-74.30023	39.5048	NJ	2357	1.26	-74.33076	39.44449	NJ
2214	-8.92	-74.26976	39.52519	NJ	2286	-17.13	-74.30042	39.50431	NJ	2358	2.06	-74.33055	39.44381	NJ
2215	-8.96	-74.27005	39.5248	NJ	2287	-16.88	-74.30061	39.50384	NJ	2359	3.98	-74.33028	39.4431	NJ
2216	-9.03	-74.27036	39.52441	NJ	2288	-16.66	-74.30087	39.5034	NJ	2360	7.21	-74.32739	39.44088	NJ
2217	-9.6	-74.27065	39.52403	NJ	2289	-16.45	-74.3011	39.50294	NJ	2361	7.68	-74.32719	39.4402	NJ
2218	-9.64	-74.27097	39.52365	NJ	2290	-16.26	-74.30133	39.50249	NJ	2362	7.97	-74.32735	39.43973	NJ
2219	-9.63	-74.27124	39.52325	NJ	2291	-16.07	-74.30157	39.50205	NJ	2363	8.43	-74.32755	39.43929	NJ
2220	-9.63	-74.27151	39.52285	NJ	2292	-15.9	-74.30185	39.50162	NJ	2364	9.31	-74.3275	39.43869	NJ
2221	-9.64	-74.27182	39.52247	NJ	2293	7.29	-74.30832	39.47196	NJ	2365	5.54	-74.32768	39.43824	NJ
2222	-9.66	-74.27209	39.52207	NJ	2294	6.03	-74.30862	39.47157	NJ	2366	4.45	-74.32806	39.43789	NJ
2223	-9.67	-74.27238	39.52168	NJ	2295	5.69	-74.30885	39.47115	NJ	2367	3.07	-74.32837	39.43751	NJ
2224	-9.89	-74.27245	39.52155	NJ	2296	5.45	-74.30916	39.47076	NJ	2368	2.13	-74.32867	39.43712	NJ
2225	-9.64	-74.27263	39.52127	NJ	2297	5.25	-74.30945	39.47037	NJ	2369	1.85	-74.32899	39.43675	NJ
2226	-9.81	-74.27272	39.52112	NJ	2298	5.18	-74.30974	39.46997	NJ	2370	1.7	-74.32924	39.43633	NJ
2227	-9.57	-74.27286	39.52086	NJ	2299	5.07	-74.31004	39.46959	NJ	2371	1.53	-74.32957	39.43597	NJ
2228	-9.76	-74.27296	39.52068	NJ	2300	4.91	-74.31036	39.46921	NJ	2372	1.6	-74.32988	39.43558	NJ
2229	-9.53	-74.2731	39.52045	NJ	2301	4.7	-74.3107	39.46884	NJ	2373	1.65	-74.33022	39.43521	NJ
2230	-9.69	-74.27321	39.52024	NJ	2302	4.52	-74.31104	39.46847	NJ	2374	1.4	-74.33061	39.43487	NJ
2231	-9.48	-74.27333	39.52003	NJ	2303	4.35	-74.31139	39.46811	NJ	2375	1.28	-74.33096	39.43451	NJ
2232	-9.59	-74.27347	39.5198	NJ	2304	4.16	-74.31174	39.46776	NJ	2376	1.14	-74.33133	39.43417	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2377	1.02	-74.33173	39.43383	NJ	2449	-2.52	-74.3595	39.40943	NJ	2521	2.12	-74.3904	39.38516	NJ
2378	-1.18	-74.33211	39.43349	NJ	2450	-2.32	-74.35983	39.40907	NJ	2522	2.1	-74.39079	39.38483	NJ
2379	-1.17	-74.33247	39.43315	NJ	2451	-2.12	-74.36021	39.40873	NJ	2523	2.11	-74.39116	39.38448	NJ
2380	-1.18	-74.33286	39.43281	NJ	2452	-1.98	-74.3606	39.40838	NJ	2524	2.09	-74.39156	39.38414	NJ
2381	-1.2	-74.33324	39.43246	NJ	2453	-1.8	-74.36096	39.40803	NJ	2525	2.07	-74.39194	39.3838	NJ
2382	-1.23	-74.33366	39.43214	NJ	2454	-1.62	-74.36131	39.40768	NJ	2526	1.98	-74.39243	39.38352	NJ
2383	-1.28	-74.33411	39.43184	NJ	2455	-1.42	-74.3616	39.40729	NJ	2527	2.02	-74.39276	39.38315	NJ
2384	-1.31	-74.3345	39.43151	NJ	2456	-1.27	-74.36195	39.40693	NJ	2528	1.98	-74.39314	39.38281	NJ
2385	-1.31	-74.33492	39.43118	NJ	2457	-1.11	-74.36237	39.4066	NJ	2529	1.94	-74.39352	39.38248	NJ
2386	-1.35	-74.33533	39.43086	NJ	2458	-0.93	-74.3627	39.40623	NJ	2530	1.92	-74.39391	39.38213	NJ
2387	-1.38	-74.33572	39.43053	NJ	2459	-0.84	-74.36311	39.40591	NJ	2531	1.88	-74.39433	39.38181	NJ
2388	-1.4	-74.33615	39.43021	NJ	2460	-0.78	-74.36351	39.40558	NJ	2532	1.83	-74.39474	39.38149	NJ
2389	-1.49	-74.33656	39.42989	NJ	2461	-0.71	-74.36389	39.40523	NJ	2533	1.75	-74.3952	39.3812	NJ
2390	-1.51	-74.33696	39.42956	NJ	2462	-0.65	-74.36426	39.40489	NJ	2534	1.83	-74.39551	39.38081	NJ
2391	-1.56	-74.33736	39.42922	NJ	2463	-0.52	-74.36462	39.40454	NJ	2535	1.73	-74.39597	39.38052	NJ
2392	-1.55	-74.33771	39.42887	NJ	2464	-0.36	-74.36497	39.40418	NJ	2536	1.77	-74.39635	39.38017	NJ
2393	-1.56	-74.33807	39.42851	NJ	2465	-0.19	-74.36531	39.40381	NJ	2537	1.76	-74.39679	39.37986	NJ
2394	-1.55	-74.33849	39.42819	NJ	2466	-0.06	-74.3656	39.40342	NJ	2538	1.63	-74.39729	39.37959	NJ
2395	-1.58	-74.33893	39.42789	NJ	2467	0.08	-74.36601	39.4031	NJ	2539	1.63	-74.39771	39.37926	NJ
2396	-1.65	-74.33934	39.42756	NJ	2468	0.21	-74.36647	39.40279	NJ	2540	1.64	-74.39816	39.37897	NJ
2397	-1.7	-74.33978	39.42725	NJ	2469	0.19	-74.36688	39.40247	NJ	2541	1.69	-74.39859	39.37866	NJ
2398	-1.71	-74.34016	39.42691	NJ	2470	0.23	-74.36726	39.40213	NJ	2542	1.72	-74.39903	39.37835	NJ
2399	-1.77	-74.34056	39.42658	NJ	2471	0.28	-74.36768	39.4018	NJ	2543	1.76	-74.39949	39.37805	NJ
2400	-1.85	-74.34094	39.42625	NJ	2472	0.26	-74.36806	39.40146	NJ	2544	1.74	-74.39998	39.37778	NJ
2401	-1.84	-74.34135	39.42591	NJ	2473	0.35	-74.36845	39.40113	NJ	2545	1.77	-74.40041	39.37746	NJ
2402	-1.93	-74.34174	39.42558	NJ	2474	0.48	-74.36884	39.40079	NJ	2546	1.79	-74.40088	39.37717	NJ
2403	-2.01	-74.34215	39.42525	NJ	2475	0.64	-74.36917	39.40043	NJ	2547	1.82	-74.40135	39.37688	NJ
2404	-2.08	-74.34254	39.42491	NJ	2476	0.77	-74.36955	39.40009	NJ	2548	1.89	-74.40179	39.37658	NJ
2405	-2.15	-74.34294	39.42459	NJ	2477	0.98	-74.37	39.39978	NJ	2549	1.97	-74.40228	39.37629	NJ
2406	-2.21	-74.34332	39.42425	NJ	2478	1.05	-74.37042	39.39946	NJ	2550	2.06	-74.40274	39.376	NJ
2407	-2.24	-74.34373	39.42392	NJ	2479	1.03	-74.37083	39.39914	NJ	2551	2.22	-74.40318	39.37569	NJ
2408	-2.21	-74.34415	39.4236	NJ	2480	0.97	-74.37128	39.39883	NJ	2552	2.4	-74.40364	39.37539	NJ
2409	-2.24	-74.34454	39.42326	NJ	2481	1.18	-74.37172	39.39852	NJ	2553	2.66	-74.40405	39.37507	NJ
2410	-2.27	-74.34491	39.42292	NJ	2482	1.28	-74.37216	39.39822	NJ	2554	3.03	-74.40446	39.37475	NJ
2411	-2.33	-74.34528	39.42257	NJ	2483	1.43	-74.37254	39.39788	NJ	2555	-0.71	-74.41312	39.37181	NJ
2412	-2.4	-74.34566	39.42222	NJ	2484	1.47	-74.373	39.39758	NJ	2556	1.19	-74.41144	39.3696	NJ
2413	-2.46	-74.34602	39.42187	NJ	2485	1.51	-74.37334	39.39722	NJ	2557	1.75	-74.41095	39.36846	NJ
2414	-2.49	-74.34641	39.42153	NJ	2486	1.59	-74.37378	39.39691	NJ	2558	2.41	-74.41042	39.36728	NJ
2415	-2.54	-74.34674	39.42117	NJ	2487	1.66	-74.37428	39.39664	NJ	2559	4.17	-74.40895	39.36525	NJ
2416	-2.6	-74.34709	39.4208	NJ	2488	1.71	-74.37468	39.3963	NJ	2560	4.63	-74.40871	39.36433	NJ
2417	-2.66	-74.34744	39.42045	NJ	2489	1.74	-74.37511	39.39599	NJ	2561	4.21	-74.40923	39.36411	NJ
2418	-2.66	-74.34779	39.42009	NJ	2490	1.76	-74.37553	39.39568	NJ	2562	3.9	-74.40965	39.3638	NJ
2419	-2.72	-74.34822	39.41977	NJ	2491	1.8	-74.37598	39.39537	NJ	2563	3.65	-74.41006	39.36348	NJ
2420	-2.75	-74.34857	39.41941	NJ	2492	1.8	-74.37646	39.39508	NJ	2564	3.53	-74.41042	39.3631	NJ
2421	-2.76	-74.34894	39.41907	NJ	2493	1.83	-74.37691	39.39478	NJ	2565	3.39	-74.41081	39.36277	NJ
2422	-2.82	-74.3493	39.41872	NJ	2494	1.92	-74.3773	39.39445	NJ	2566	3.54	-74.41104	39.36229	NJ
2423	-2.88	-74.34969	39.41837	NJ	2495	1.94	-74.37779	39.39417	NJ	2567	3.42	-74.41158	39.36208	NJ
2424	-2.97	-74.35008	39.41804	NJ	2496	2	-74.37825	39.39387	NJ	2568	3.36	-74.41203	39.3618	NJ
2425	-3.06	-74.35048	39.41771	NJ	2497	2.18	-74.37878	39.39362	NJ	2569	3.33	-74.41245	39.36148	NJ
2426	-3.11	-74.35088	39.41737	NJ	2498	2.37	-74.37926	39.39332	NJ	2570	3.32	-74.41284	39.36115	NJ
2427	-3.18	-74.35129	39.41705	NJ	2499	2.63	-74.3797	39.39302	NJ	2571	3.29	-74.41324	39.36082	NJ
2428	-3.22	-74.35167	39.41671	NJ	2500	5.04	-74.38148	39.39181	NJ	2572	2.97	-74.41386	39.36069	NJ
2429	-3.32	-74.35204	39.41636	NJ	2501	4.07	-74.38199	39.39154	NJ	2573	2.77	-74.41438	39.36047	NJ
2430	-3.38	-74.35239	39.416	NJ	2502	3.47	-74.38242	39.39121	NJ	2574	2.55	-74.41484	39.3602	NJ
2431	-3.42	-74.35275	39.41565	NJ	2503	3.12	-74.3829	39.39095	NJ	2575	2.83	-74.41479	39.35946	NJ
2432	-3.46	-74.3531	39.41529	NJ	2504	2.78	-74.38341	39.39067	NJ	2576	1.34	-74.41631	39.35945	NJ
2433	-3.47	-74.35345	39.41494	NJ	2505	2.34	-74.38393	39.39041	NJ	2577	0.85	-74.41679	39.35919	NJ
2434	-3.47	-74.35378	39.41455	NJ	2506	1.91	-74.38438	39.39011	NJ	2578	2.6	-74.41512	39.35906	NJ
2435	-3.39	-74.35406	39.41416	NJ	2507	1.73	-74.38483	39.3898	NJ	2579	0.34	-74.41737	39.35903	NJ
2436	-3.48	-74.35469	39.41396	NJ	2508	1.83	-74.38515	39.38943	NJ	2580	-0.04	-74.41788	39.35879	NJ
2437	-3.53	-74.3548	39.41347	NJ	2509	1.83	-74.3857	39.38918	NJ	2581	0.34	-74.41835	39.35853	NJ
2438	-3.49	-74.35519	39.41313	NJ	2510	1.89	-74.38608	39.38884	NJ	2582	0.66	-74.41881	39.35826	NJ
2439	-3.51	-74.35561	39.41281	NJ	2511	1.9	-74.38652	39.38853	NJ	2583	0.87	-74.41924	39.35795	NJ
2440	-3.53	-74.35602	39.41248	NJ	2512	2.01	-74.38683	39.38815	NJ	2584	1.93	-74.44043	39.35186	NJ
2441	-3.58	-74.35641	39.41216	NJ	2513	1.94	-74.38731	39.38787	NJ	2585	1.97	-74.44096	39.35169	NJ
2442	-3.61	-74.35681	39.41182	NJ	2514	1.97	-74.3877	39.38753	NJ	2586	2.04	-74.4415	39.35149	NJ
2443	-3.54	-74.35719	39.41148	NJ	2515	2.06	-74.38805	39.38717	NJ	2587	2.1	-74.44202	39.3513	NJ
2444	-3.38	-74.3576	39.41116	NJ	2516	2.1	-74.38843	39.38683	NJ	2588	2.14	-74.44257	39.35111	NJ
2445	-3.22	-74.35799	39.41081	NJ	2517	2.1	-74.38881	39.38649	NJ	2589	2.18	-74.44308	39.35093	NJ
2446	-3.07	-74.35838	39.41048	NJ	2518	2.14	-74.38918	39.38614	NJ	2590	2.2	-74.44362	39.35074	NJ
2447	-2.89	-74.35875	39.41013	NJ	2519	2.15	-74.38959	39.38581	NJ	2591	2.22	-74.44415	39.35055	NJ
2448	-2.72	-74.35913	39.40979	NJ	2520	2.19	-74.38995	39.38546	NJ	2592	2.23	-74.44469	39.35035	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2593	2.25	-74.44521	39.35015	NJ	2665	1.02	-74.4818	39.33446	NJ	2737	-0.12	-74.51674	39.31669	NJ
2594	2.27	-74.44572	39.34994	NJ	2666	0.98	-74.4823	39.33424	NJ	2738	-0.23	-74.51724	39.31646	NJ
2595	2.31	-74.44623	39.34973	NJ	2667	0.99	-74.48282	39.33403	NJ	2739	-0.32	-74.51772	39.31619	NJ
2596	2.33	-74.44675	39.34952	NJ	2668	0.95	-74.48331	39.33379	NJ	2740	-0.36	-74.51817	39.31592	NJ
2597	2.34	-74.44727	39.34933	NJ	2669	0.97	-74.48381	39.33357	NJ	2741	-0.37	-74.51865	39.31565	NJ
2598	2.37	-74.44778	39.34912	NJ	2670	0.91	-74.48431	39.33334	NJ	2742	-0.35	-74.5191	39.31537	NJ
2599	2.37	-74.4483	39.34892	NJ	2671	0.85	-74.48482	39.33312	NJ	2743	-0.32	-74.51958	39.3151	NJ
2600	2.37	-74.44884	39.34872	NJ	2672	0.8	-74.48532	39.33289	NJ	2744	-0.24	-74.52003	39.31482	NJ
2601	2.38	-74.44934	39.3485	NJ	2673	0.8	-74.48582	39.33268	NJ	2745	-0.22	-74.52048	39.31453	NJ
2602	2.37	-74.44986	39.3483	NJ	2674	0.8	-74.48634	39.33246	NJ	2746	-0.3	-74.52094	39.31425	NJ
2603	2.37	-74.45038	39.34809	NJ	2675	0.78	-74.48685	39.33223	NJ	2747	-0.34	-74.52138	39.31395	NJ
2604	2.39	-74.45088	39.34787	NJ	2676	0.76	-74.48734	39.332	NJ	2748	-0.32	-74.52182	39.31365	NJ
2605	2.41	-74.45139	39.34765	NJ	2677	0.77	-74.48784	39.33177	NJ	2749	-0.32	-74.52226	39.31335	NJ
2606	2.44	-74.45189	39.34741	NJ	2678	0.74	-74.48834	39.33154	NJ	2750	-0.29	-74.52271	39.31304	NJ
2607	2.45	-74.45239	39.3472	NJ	2679	0.72	-74.48885	39.33132	NJ	2751	-0.29	-74.52313	39.31272	NJ
2608	2.45	-74.4529	39.34697	NJ	2680	0.68	-74.48933	39.33108	NJ	2752	-0.33	-74.52357	39.31243	NJ
2609	2.44	-74.4534	39.34674	NJ	2681	0.65	-74.48982	39.33083	NJ	2753	-0.27	-74.52402	39.31212	NJ
2610	2.44	-74.45389	39.34651	NJ	2682	0.62	-74.49033	39.3306	NJ	2754	-0.3	-74.52448	39.31183	NJ
2611	2.4	-74.45441	39.34629	NJ	2683	0.64	-74.4908	39.33035	NJ	2755	-0.23	-74.5249	39.31153	NJ
2612	2.4	-74.4549	39.34605	NJ	2684	0.61	-74.49129	39.33012	NJ	2756	-0.27	-74.52534	39.31123	NJ
2613	2.33	-74.4554	39.34583	NJ	2685	0.58	-74.49178	39.32987	NJ	2757	-0.29	-74.52579	39.31091	NJ
2614	2.28	-74.45592	39.34561	NJ	2686	0.56	-74.49226	39.32962	NJ	2758	-0.22	-74.5262	39.31058	NJ
2615	2.27	-74.45641	39.34539	NJ	2687	0.61	-74.49275	39.32938	NJ	2759	-0.22	-74.5266	39.31023	NJ
2616	2.25	-74.45692	39.34517	NJ	2688	0.61	-74.49324	39.32914	NJ	2760	-0.27	-74.52702	39.30991	NJ
2617	2.25	-74.45741	39.34495	NJ	2689	0.54	-74.49371	39.32889	NJ	2761	-0.24	-74.52747	39.3096	NJ
2618	2.23	-74.45795	39.34475	NJ	2690	0.59	-74.4942	39.32862	NJ	2762	-0.35	-74.52789	39.30928	NJ
2619	2.26	-74.45844	39.34451	NJ	2691	0.55	-74.49467	39.32838	NJ	2763	-0.3	-74.52831	39.30895	NJ
2620	2.26	-74.45895	39.3443	NJ	2692	0.59	-74.49516	39.32813	NJ	2764	-0.25	-74.52872	39.3086	NJ
2621	1.69	-74.45947	39.3441	NJ	2693	0.64	-74.49564	39.32787	NJ	2765	-0.16	-74.52911	39.30826	NJ
2622	1.66	-74.46001	39.34391	NJ	2694	0.57	-74.49661	39.32738	NJ	2766	-0.27	-74.52954	39.30792	NJ
2623	1.67	-74.46051	39.34369	NJ	2695	0.93	-74.4959	39.32734	NJ	2767	-0.3	-74.52995	39.3076	NJ
2624	1.69	-74.46103	39.34348	NJ	2696	0.49	-74.49712	39.32716	NJ	2768	-0.26	-74.53036	39.30726	NJ
2625	1.65	-74.46153	39.34326	NJ	2697	0.35	-74.49762	39.32693	NJ	2769	-0.29	-74.53076	39.30689	NJ
2626	1.64	-74.46204	39.34303	NJ	2698	0.3	-74.49809	39.32667	NJ	2770	-0.29	-74.53116	39.30654	NJ
2627	1.59	-74.46254	39.34281	NJ	2699	0.28	-74.4986	39.32643	NJ	2771	-0.31	-74.53159	39.3062	NJ
2628	1.64	-74.46304	39.34259	NJ	2700	0.33	-74.49905	39.32617	NJ	2772	-0.29	-74.53198	39.30586	NJ
2629	1.57	-74.46355	39.34236	NJ	2701	0.37	-74.49956	39.32592	NJ	2773	-0.27	-74.53241	39.30553	NJ
2630	1.6	-74.46407	39.34215	NJ	2702	0.44	-74.50003	39.32567	NJ	2774	-0.29	-74.53284	39.3052	NJ
2631	1.6	-74.46457	39.34193	NJ	2703	0.46	-74.50047	39.32539	NJ	2775	-0.3	-74.53325	39.30487	NJ
2632	1.53	-74.46507	39.34172	NJ	2704	0.44	-74.50093	39.32509	NJ	2776	-0.27	-74.53368	39.30456	NJ
2633	1.56	-74.46561	39.34153	NJ	2705	0.43	-74.50142	39.32485	NJ	2777	-0.26	-74.5341	39.30425	NJ
2634	1.53	-74.46613	39.34131	NJ	2706	0.35	-74.50194	39.32465	NJ	2778	-0.22	-74.53448	39.30385	NJ
2635	1.55	-74.46663	39.3411	NJ	2707	0.32	-74.50243	39.3244	NJ	2779	-2.25	-74.53833	39.30356	NJ
2636	1.55	-74.46713	39.34088	NJ	2708	0.3	-74.50291	39.32415	NJ	2780	-0.97	-74.53625	39.30353	NJ
2637	1.52	-74.46765	39.34067	NJ	2709	0.22	-74.50339	39.32389	NJ	2781	-1.41	-74.53693	39.30349	NJ
2638	1.51	-74.46815	39.34045	NJ	2710	0.14	-74.50388	39.32365	NJ	2782	-1.74	-74.53757	39.30344	NJ
2639	1.49	-74.46866	39.34022	NJ	2711	0.2	-74.50433	39.32338	NJ	2783	-0.1	-74.53484	39.30344	NJ
2640	1.45	-74.46918	39.34001	NJ	2712	0.13	-74.50482	39.32312	NJ	2784	-2.49	-74.53891	39.30342	NJ
2641	1.42	-74.46968	39.33979	NJ	2713	0.14	-74.50529	39.32286	NJ	2785	0.05	-74.53516	39.30298	NJ
2642	1.41	-74.47018	39.33956	NJ	2714	0.13	-74.50574	39.32257	NJ	2786	4.86	-74.55128	39.29271	NJ
2643	1.37	-74.47067	39.33933	NJ	2715	0.24	-74.50613	39.32221	NJ	2787	4.22	-74.55177	39.29239	NJ
2644	1.34	-74.47119	39.33911	NJ	2716	0.27	-74.50659	39.32192	NJ	2788	3.93	-74.55202	39.29198	NJ
2645	1.36	-74.47168	39.33888	NJ	2717	0.23	-74.50706	39.32166	NJ	2789	3.8	-74.55219	39.29154	NJ
2646	1.35	-74.47218	39.33866	NJ	2718	0.22	-74.50752	39.32138	NJ	2790	3.78	-74.55234	39.2911	NJ
2647	1.31	-74.47269	39.33843	NJ	2719	0.2	-74.508	39.32112	NJ	2791	4.74	-74.55185	39.29043	NJ
2648	1.35	-74.47321	39.33822	NJ	2720	0.14	-74.50847	39.32086	NJ	2792	4.04	-74.55241	39.29013	NJ
2649	1.34	-74.47369	39.33798	NJ	2721	0.12	-74.50896	39.32061	NJ	2793	3.88	-74.55263	39.28971	NJ
2650	1.35	-74.4742	39.33775	NJ	2722	0.45	-74.50999	39.3202	NJ	2794	3.77	-74.55281	39.28928	NJ
2651	1.37	-74.4747	39.33753	NJ	2723	0.28	-74.51051	39.32001	NJ	2795	3.83	-74.55292	39.28882	NJ
2652	1.33	-74.4752	39.33731	NJ	2724	0.16	-74.51102	39.31977	NJ	2796	4.17	-74.55269	39.28824	NJ
2653	1.31	-74.47569	39.33708	NJ	2725	1.32	-74.50891	39.31969	NJ	2797	4.35	-74.55316	39.28792	NJ
2654	1.28	-74.47621	39.33686	NJ	2726	0.14	-74.51151	39.31953	NJ	2798	3.29	-74.55353	39.28755	NJ
2655	1.3	-74.47672	39.33663	NJ	2727	0.15	-74.51199	39.31928	NJ	2799	2.98	-74.55373	39.28713	NJ
2656	1.32	-74.4772	39.33639	NJ	2728	0.14	-74.51247	39.31903	NJ	2800	3.44	-74.55313	39.28641	NJ
2657	1.28	-74.47769	39.33615	NJ	2729	0.07	-74.51294	39.31877	NJ	2801	2.61	-74.55411	39.28627	NJ
2658	1.31	-74.4782	39.33593	NJ	2730	-0.04	-74.51341	39.31852	NJ	2802	2.33	-74.55461	39.28596	NJ
2659	1.3	-74.47871	39.33573	NJ	2731	-0.05	-74.51389	39.31824	NJ	2803	2.18	-74.55502	39.28561	NJ
2660	1.23	-74.47922	39.33551	NJ	2732	-0.06	-74.51434	39.31797	NJ	2804	2.07	-74.5553	39.28522	NJ
2661	1.19	-74.47975	39.33532	NJ	2733	-0.06	-74.51482	39.3177	NJ	2805	2.2	-74.55544	39.28476	NJ
2662	1.12	-74.48026	39.3351	NJ	2734	-0.03	-74.51529	39.31744	NJ	2806	2.07	-74.55586	39.28442	NJ
2663	1.08	-74.48077	39.33488	NJ	2735	0	-74.51575	39.31714	NJ	2807	1.94	-74.55646	39.28414	NJ
2664	1.04	-74.48128	39.33467	NJ	2736	-0.05	-74.51624	39.31691	NJ	2808	2.02	-74.55698	39.28383	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2809	2.26	-74.55727	39.28345	NJ	2881	0.27	-74.59012	39.26524	NJ	2953	0.45	-74.61044	39.24838	NJ
2810	2.23	-74.55774	39.28312	NJ	2882	0.34	-74.59055	39.26493	NJ	2954	0.27	-74.61092	39.24827	NJ
2811	2.37	-74.55815	39.28277	NJ	2883	0.34	-74.59097	39.26463	NJ	2955	0.41	-74.61086	39.24805	NJ
2812	2.53	-74.55846	39.28239	NJ	2884	0.36	-74.5914	39.26432	NJ	2956	0.3	-74.61124	39.24789	NJ
2813	3.36	-74.55795	39.28171	NJ	2885	0.37	-74.59183	39.26401	NJ	2957	0.34	-74.61124	39.24771	NJ
2814	2.79	-74.55841	39.28151	NJ	2886	0.42	-74.59225	39.2637	NJ	2958	0.3	-74.61159	39.24753	NJ
2815	3.13	-74.55858	39.28144	NJ	2887	0.45	-74.59267	39.26338	NJ	2959	0.42	-74.6116	39.24736	NJ
2816	3.45	-74.55753	39.28134	NJ	2888	0.48	-74.59306	39.26306	NJ	2960	0.27	-74.61198	39.2472	NJ
2817	2.81	-74.55891	39.28127	NJ	2889	0.52	-74.59348	39.26273	NJ	2961	0.38	-74.61197	39.24701	NJ
2818	3.13	-74.55913	39.28114	NJ	2890	0.53	-74.59389	39.26241	NJ	2962	0.24	-74.61234	39.24685	NJ
2819	2.79	-74.55937	39.281	NJ	2891	0.57	-74.59428	39.26209	NJ	2963	0.34	-74.61235	39.24666	NJ
2820	3.14	-74.55963	39.28083	NJ	2892	0.58	-74.5947	39.26177	NJ	2964	0.18	-74.61276	39.24654	NJ
2821	2.78	-74.5598	39.2807	NJ	2893	0.59	-74.59508	39.26144	NJ	2965	0.24	-74.61275	39.24633	NJ
2822	3.16	-74.56007	39.28049	NJ	2894	0.62	-74.59549	39.26111	NJ	2966	0.19	-74.61311	39.24618	NJ
2823	2.84	-74.56021	39.28037	NJ	2895	0.63	-74.5959	39.2608	NJ	2967	0.24	-74.61311	39.24598	NJ
2824	2.93	-74.56058	39.28	NJ	2896	0.6	-74.59631	39.26048	NJ	2968	0.15	-74.61351	39.24585	NJ
2825	3.18	-74.56073	39.27939	NJ	2897	0.59	-74.59673	39.26016	NJ	2969	0.21	-74.61351	39.24564	NJ
2826	3.01	-74.56126	39.2792	NJ	2898	0.56	-74.59715	39.25985	NJ	2970	0.15	-74.61388	39.2455	NJ
2827	3.01	-74.56177	39.27897	NJ	2899	0.58	-74.59753	39.25952	NJ	2971	0.18	-74.61386	39.24528	NJ
2828	2.87	-74.56226	39.27871	NJ	2900	0.59	-74.59795	39.25919	NJ	2972	0.12	-74.61424	39.24515	NJ
2829	2.92	-74.56271	39.27844	NJ	2901	0.59	-74.59834	39.25887	NJ	2973	0.19	-74.61424	39.24494	NJ
2830	3.06	-74.56316	39.27815	NJ	2902	0.58	-74.59872	39.25853	NJ	2974	0.06	-74.61461	39.2448	NJ
2831	3.15	-74.56354	39.27779	NJ	2903	0.56	-74.59914	39.25821	NJ	2975	0.13	-74.61462	39.2446	NJ
2832	3.65	-74.56384	39.27735	NJ	2904	0.51	-74.59958	39.25792	NJ	2976	0.03	-74.61501	39.24447	NJ
2833	3.56	-74.56441	39.27718	NJ	2905	0.48	-74.60001	39.2576	NJ	2977	0.19	-74.61497	39.24424	NJ
2834	3.27	-74.56563	39.27698	NJ	2906	0.46	-74.60039	39.25727	NJ	2978	0.07	-74.61533	39.24408	NJ
2835	3.56	-74.5649	39.27696	NJ	2907	0.46	-74.60078	39.25694	NJ	2979	0.19	-74.61534	39.24388	NJ
2836	3.19	-74.5661	39.27671	NJ	2908	0.49	-74.6012	39.25662	NJ	2980	0.07	-74.61569	39.24374	NJ
2837	3.1	-74.56654	39.27643	NJ	2909	0.43	-74.60158	39.25628	NJ	2981	0.14	-74.61565	39.2435	NJ
2838	3.03	-74.56699	39.27613	NJ	2910	0.42	-74.60205	39.25601	NJ	2982	0.09	-74.61601	39.24336	NJ
2839	2.89	-74.56808	39.27576	NJ	2911	0.4	-74.60248	39.2557	NJ	2983	0.18	-74.61601	39.24315	NJ
2840	3.59	-74.56725	39.27564	NJ	2912	0.45	-74.60281	39.25533	NJ	2984	0.09	-74.61636	39.243	NJ
2841	2.84	-74.56862	39.27557	NJ	2913	0.85	-74.60281	39.25524	NJ	2985	0.13	-74.61639	39.24281	NJ
2842	2.81	-74.56914	39.27536	NJ	2914	0.37	-74.60329	39.25505	NJ	2986	0.09	-74.61671	39.24265	NJ
2843	2.86	-74.56961	39.2751	NJ	2915	0.76	-74.60321	39.25491	NJ	2987	0.2	-74.61673	39.24244	NJ
2844	3.12	-74.5701	39.27486	NJ	2916	0.39	-74.60362	39.25468	NJ	2988	0.13	-74.61703	39.24226	NJ
2845	2.85	-74.57054	39.27456	NJ	2917	0.77	-74.60361	39.25457	NJ	2989	0.16	-74.61707	39.24207	NJ
2846	2.79	-74.57185	39.27444	NJ	2918	0.33	-74.60403	39.25437	NJ	2990	0.11	-74.61742	39.24192	NJ
2847	2.44	-74.57251	39.27437	NJ	2919	0.74	-74.60403	39.25425	NJ	2991	0.17	-74.61742	39.24171	NJ
2848	2.38	-74.57298	39.27411	NJ	2920	0.33	-74.60443	39.25403	NJ	2992	0.11	-74.61777	39.24156	NJ
2849	3.52	-74.57076	39.27403	NJ	2921	0.7	-74.60442	39.2539	NJ	2993	0.16	-74.61778	39.24136	NJ
2850	2.37	-74.57346	39.27385	NJ	2922	0.36	-74.60478	39.25367	NJ	2994	0.1	-74.61812	39.2412	NJ
2851	2.36	-74.57393	39.2736	NJ	2923	0.7	-74.60474	39.25353	NJ	2995	0.11	-74.61816	39.24103	NJ
2852	2.23	-74.57439	39.27331	NJ	2924	0.3	-74.60519	39.25336	NJ	2996	0.07	-74.6185	39.24086	NJ
2853	2.19	-74.57481	39.27301	NJ	2925	0.64	-74.60506	39.25315	NJ	2997	0.12	-74.61855	39.24068	NJ
2854	1.91	-74.57608	39.27283	NJ	2926	0.26	-74.60561	39.25303	NJ	2998	0.05	-74.61887	39.24052	NJ
2855	2.17	-74.57527	39.27273	NJ	2927	0.6	-74.60545	39.25282	NJ	2999	0.13	-74.61893	39.24034	NJ
2856	1.8	-74.57664	39.27266	NJ	2928	0.2	-74.60602	39.25272	NJ	3000	0.05	-74.61925	39.24017	NJ
2857	1.75	-74.57716	39.27246	NJ	2929	0.6	-74.60587	39.2525	NJ	3001	0.03	-74.61958	39.2398	NJ
2858	1.73	-74.57765	39.27221	NJ	2930	0.16	-74.60641	39.25239	NJ	3002	-0.05	-74.61996	39.23947	NJ
2859	1.69	-74.57814	39.27197	NJ	2931	0.58	-74.60626	39.25216	NJ	3003	0.04	-74.62022	39.23904	NJ
2860	1.67	-74.57863	39.27173	NJ	2932	0.22	-74.60674	39.25202	NJ	3004	-0.01	-74.62062	39.23871	NJ
2861	1.45	-74.5806	39.27073	NJ	2933	0.59	-74.60667	39.25183	NJ	3005	-0.01	-74.62097	39.23835	NJ
2862	1.45	-74.58107	39.27045	NJ	2934	0.27	-74.6071	39.25166	NJ	3006	-0.03	-74.62131	39.23799	NJ
2863	1.53	-74.58153	39.27017	NJ	2935	0.59	-74.60707	39.2515	NJ	3007	-0.02	-74.62161	39.2376	NJ
2864	1.51	-74.58202	39.26989	NJ	2936	0.29	-74.60748	39.25132	NJ	3008	-0.02	-74.62195	39.23723	NJ
2865	1.08	-74.58315	39.26947	NJ	2937	0.58	-74.60751	39.25118	NJ	3009	-0.08	-74.62234	39.23689	NJ
2866	0.97	-74.58363	39.26921	NJ	2938	0.27	-74.60789	39.251	NJ	3010	-0.19	-74.62277	39.23659	NJ
2867	2.39	-74.58171	39.26909	NJ	2939	0.55	-74.60789	39.25084	NJ	3011	-0.17	-74.62309	39.23621	NJ
2868	0.91	-74.58418	39.26898	NJ	2940	0.25	-74.60828	39.25067	NJ	3012	-0.13	-74.62341	39.23582	NJ
2869	0.85	-74.58466	39.2687	NJ	2941	0.49	-74.60828	39.2505	NJ	3013	-0.14	-74.62376	39.23546	NJ
2870	0.86	-74.58511	39.26842	NJ	2942	0.25	-74.60866	39.25033	NJ	3014	-0.1	-74.62405	39.23506	NJ
2871	0.85	-74.58559	39.26814	NJ	2943	0.46	-74.60864	39.25015	NJ	3015	-0.12	-74.62442	39.23472	NJ
2872	0.72	-74.58606	39.26787	NJ	2944	0.25	-74.60902	39.24998	NJ	3016	-0.16	-74.6248	39.23437	NJ
2873	0.62	-74.5865	39.26757	NJ	2945	0.41	-74.60901	39.2498	NJ	3017	-0.12	-74.62509	39.23398	NJ
2874	0.56	-74.58696	39.26728	NJ	2946	0.23	-74.60942	39.24965	NJ	3018	-0.19	-74.62547	39.23364	NJ
2875	0.55	-74.5874	39.26698	NJ	2947	0.36	-74.60938	39.24945	NJ	3019	-0.22	-74.62584	39.23329	NJ
2876	0.56	-74.58784	39.26668	NJ	2948	0.23	-74.60979	39.24931	NJ	3020	-0.27	-74.62621	39.23294	NJ
2877	0.53	-74.5883	39.2664	NJ	2949	0.41	-74.60977	39.24911	NJ	3021	-0.27	-74.62651	39.23255	NJ
2878	0.45	-74.58875	39.2661	NJ	2950	0.29	-74.61012	39.24894	NJ	3022	-0.27	-74.62685	39.23217	NJ
2879	0.37	-74.58928	39.26587	NJ	2951	0.43	-74.61009	39.24874	NJ	3023	-0.3	-74.6272	39.23181	NJ
2880	0.3	-74.58971	39.26555	NJ	2952	0.32	-74.61047	39.24857	NJ	3024	-0.21	-74.62744	39.23138	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3025	-0.21	-74.62776	39.231	NJ	3097	2.12	-74.64149	39.21361	NJ	3169	-1.14	-74.67004	39.18133	NJ
3026	-0.23	-74.62811	39.23064	NJ	3098	1.8	-74.64165	39.21313	NJ	3170	-1.17	-74.67036	39.18095	NJ
3027	-0.27	-74.62846	39.23028	NJ	3099	1.6	-74.64182	39.21269	NJ	3171	-1.19	-74.6707	39.18058	NJ
3028	-0.28	-74.62878	39.22991	NJ	3100	1.44	-74.642	39.21224	NJ	3172	-1.23	-74.67104	39.18022	NJ
3029	-0.29	-74.62912	39.22953	NJ	3101	1.14	-74.6422	39.21179	NJ	3173	-1.24	-74.67139	39.17986	NJ
3030	-0.28	-74.62943	39.22914	NJ	3102	0.85	-74.64236	39.21135	NJ	3174	-1.22	-74.67168	39.17946	NJ
3031	0.13	-74.62944	39.22901	NJ	3103	0.49	-74.64262	39.21093	NJ	3175	-1.24	-74.67215	39.17917	NJ
3032	-0.31	-74.62978	39.22878	NJ	3104	0.01	-74.6429	39.21054	NJ	3176	-1.25	-74.67245	39.17878	NJ
3033	0.06	-74.62978	39.22865	NJ	3105	-0.55	-74.64317	39.21014	NJ	3177	-1.28	-74.67276	39.1784	NJ
3034	-0.37	-74.63013	39.22843	NJ	3106	-0.61	-74.64348	39.20975	NJ	3178	-1.3	-74.67307	39.17802	NJ
3035	0.04	-74.63011	39.22828	NJ	3107	-0.29	-74.64386	39.20941	NJ	3179	-1.28	-74.67337	39.17763	NJ
3036	-0.4	-74.63046	39.22806	NJ	3108	-0.02	-74.64427	39.20908	NJ	3180	-1.28	-74.67365	39.17724	NJ
3037	0.04	-74.63045	39.22791	NJ	3109	0.28	-74.64471	39.20877	NJ	3181	-1.27	-74.67392	39.17684	NJ
3038	-0.4	-74.63078	39.22767	NJ	3110	-1.04	-74.64946	39.20257	NJ	3182	-1.27	-74.67424	39.17647	NJ
3039	0.03	-74.63075	39.22752	NJ	3111	-0.82	-74.64954	39.20206	NJ	3183	-1.26	-74.67456	39.17609	NJ
3040	-0.43	-74.63112	39.2273	NJ	3112	-0.57	-74.64964	39.20158	NJ	3184	-1.24	-74.6749	39.17572	NJ
3041	0.02	-74.63104	39.22714	NJ	3113	-0.4	-74.64983	39.20113	NJ	3185	-1.24	-74.6752	39.17534	NJ
3042	-0.42	-74.63142	39.22691	NJ	3114	-0.36	-74.65009	39.20072	NJ	3186	-1.26	-74.67551	39.17496	NJ
3043	-0.05	-74.63139	39.22678	NJ	3115	-0.43	-74.65039	39.20034	NJ	3187	-1.16	-74.6758	39.17456	NJ
3044	-0.39	-74.63165	39.22647	NJ	3116	-0.54	-74.65074	39.19998	NJ	3188	-1.13	-74.67612	39.17418	NJ
3045	-0.04	-74.63171	39.22641	NJ	3117	-0.69	-74.65112	39.19964	NJ	3189	-1.12	-74.67638	39.17379	NJ
3046	-0.35	-74.63199	39.2261	NJ	3118	-0.75	-74.65154	39.19931	NJ	3190	-1.08	-74.6767	39.17341	NJ
3047	-0.02	-74.63203	39.22603	NJ	3119	-0.71	-74.65186	39.19893	NJ	3191	-1.06	-74.67699	39.17302	NJ
3048	-0.32	-74.63229	39.22571	NJ	3120	-0.67	-74.65218	39.19856	NJ	3192	-1.07	-74.67729	39.17263	NJ
3049	0.01	-74.63235	39.22565	NJ	3121	-0.52	-74.65248	39.19818	NJ	3193	-1.09	-74.67758	39.17224	NJ
3050	-0.27	-74.63261	39.22533	NJ	3122	-0.52	-74.65289	39.19785	NJ	3194	-1.02	-74.67787	39.17185	NJ
3051	0.05	-74.63266	39.22527	NJ	3123	-0.53	-74.65327	39.19751	NJ	3195	-1.03	-74.67815	39.17145	NJ
3052	-0.27	-74.63292	39.22493	NJ	3124	-0.56	-74.6537	39.19719	NJ	3196	-1.01	-74.67845	39.17107	NJ
3053	NA	-74.63297	39.22488	NJ	3125	-0.57	-74.6541	39.19685	NJ	3197	-0.98	-74.67873	39.17067	NJ
3054	-0.23	-74.63324	39.22455	NJ	3126	-0.58	-74.6545	39.19652	NJ	3198	-0.97	-74.67903	39.17028	NJ
3055	-0.47	-74.63329	39.2245	NJ	3127	-0.56	-74.65488	39.19618	NJ	3199	-0.89	-74.67932	39.16989	NJ
3056	-0.21	-74.63354	39.22417	NJ	3128	-0.58	-74.65527	39.19584	NJ	3200	-0.89	-74.67961	39.1695	NJ
3057	-0.43	-74.63358	39.22412	NJ	3129	-0.59	-74.65562	39.19549	NJ	3201	-0.85	-74.67992	39.16912	NJ
3058	-0.23	-74.63387	39.22378	NJ	3130	-0.57	-74.65598	39.19513	NJ	3202	-0.83	-74.68019	39.16872	NJ
3059	-0.46	-74.6339	39.22374	NJ	3131	-0.62	-74.6564	39.1948	NJ	3203	-0.82	-74.68047	39.16832	NJ
3060	-0.28	-74.63417	39.22339	NJ	3132	-0.75	-74.65688	39.1945	NJ	3204	-0.82	-74.68076	39.16793	NJ
3061	-0.43	-74.63416	39.22333	NJ	3133	-0.83	-74.65729	39.19418	NJ	3205	-0.83	-74.68102	39.16752	NJ
3062	-0.43	-74.63451	39.22302	NJ	3134	-0.96	-74.65771	39.19387	NJ	3206	-0.8	-74.6813	39.16713	NJ
3063	-0.43	-74.63446	39.22295	NJ	3135	-0.96	-74.6581	39.19352	NJ	3207	-0.8	-74.68159	39.16674	NJ
3064	-0.45	-74.6348	39.22263	NJ	3136	-1.03	-74.65855	39.19322	NJ	3208	-0.77	-74.68184	39.16633	NJ
3065	-0.45	-74.63477	39.22257	NJ	3137	-0.97	-74.65887	39.19284	NJ	3209	-0.8	-74.68214	39.16595	NJ
3066	-0.46	-74.63512	39.22224	NJ	3138	-1.09	-74.65932	39.19253	NJ	3210	-0.78	-74.68242	39.16555	NJ
3067	-0.45	-74.63506	39.22217	NJ	3139	-1.08	-74.6597	39.19219	NJ	3211	-0.76	-74.68269	39.16514	NJ
3068	-0.53	-74.63544	39.22186	NJ	3140	-1.04	-74.66005	39.19183	NJ	3212	-0.71	-74.68295	39.16474	NJ
3069	-0.53	-74.63535	39.22178	NJ	3141	-1.04	-74.66042	39.19148	NJ	3213	-0.68	-74.68323	39.16434	NJ
3070	-0.57	-74.63574	39.22147	NJ	3142	-1.11	-74.66081	39.19115	NJ	3214	-0.64	-74.68349	39.16393	NJ
3071	-0.57	-74.63564	39.2214	NJ	3143	-1.12	-74.66116	39.19078	NJ	3215	-0.61	-74.68372	39.1635	NJ
3072	-0.51	-74.63605	39.22108	NJ	3144	-1.13	-74.66153	39.19043	NJ	3216	-0.54	-74.68394	39.16308	NJ
3073	-0.51	-74.63594	39.22101	NJ	3145	-1.16	-74.66191	39.19009	NJ	3217	-0.42	-74.68416	39.16265	NJ
3074	-0.56	-74.63634	39.22067	NJ	3146	-1.11	-74.66222	39.1897	NJ	3218	-0.39	-74.68439	39.16223	NJ
3075	-0.55	-74.63626	39.22064	NJ	3147	-0.56	-74.662	39.18905	NJ	3219	-0.27	-74.6846	39.1618	NJ
3076	-0.52	-74.63664	39.22029	NJ	3148	-1.12	-74.66289	39.18897	NJ	3220	-0.17	-74.68477	39.16135	NJ
3077	-0.52	-74.6366	39.22026	NJ	3149	-1.18	-74.66328	39.18864	NJ	3221	-0.04	-74.68478	39.16081	NJ
3078	-0.44	-74.6369	39.21989	NJ	3150	-1.2	-74.66367	39.18829	NJ	3222	-0.01	-74.6851	39.16043	NJ
3079	-0.44	-74.63695	39.21989	NJ	3151	-1.22	-74.664	39.18793	NJ	3223	-0.14	-74.68542	39.16006	NJ
3080	-0.42	-74.63721	39.2195	NJ	3152	-1.24	-74.66435	39.18757	NJ	3224	-0.17	-74.68568	39.15966	NJ
3081	-0.42	-74.63724	39.2195	NJ	3153	-1.25	-74.66476	39.18724	NJ	3225	-0.15	-74.686	39.15928	NJ
3082	-0.25	-74.63747	39.21909	NJ	3154	-1.27	-74.66512	39.18689	NJ	3226	-0.16	-74.68633	39.15891	NJ
3083	-0.25	-74.6375	39.21907	NJ	3155	-1.24	-74.66547	39.18652	NJ	3227	-0.16	-74.68661	39.15851	NJ
3084	-0.33	-74.63776	39.2187	NJ	3156	-1.25	-74.66579	39.18615	NJ	3228	-0.13	-74.68684	39.15809	NJ
3085	-0.4	-74.63808	39.21832	NJ	3157	-1.16	-74.66608	39.18576	NJ	3229	-0.13	-74.68713	39.1577	NJ
3086	-0.44	-74.6384	39.21795	NJ	3158	-1.08	-74.66637	39.18537	NJ	3230	-0.23	-74.68748	39.15734	NJ
3087	-0.52	-74.6387	39.21757	NJ	3159	-1.1	-74.66673	39.18502	NJ	3231	-0.36	-74.68784	39.15698	NJ
3088	-0.56	-74.63899	39.21718	NJ	3160	-1.16	-74.66716	39.1847	NJ	3232	-0.41	-74.68816	39.15661	NJ
3089	-0.54	-74.63933	39.21681	NJ	3161	-1.22	-74.66756	39.18436	NJ	3233	-0.4	-74.68846	39.15622	NJ
3090	-0.38	-74.63963	39.21643	NJ	3162	-1.21	-74.66788	39.18398	NJ	3234	-0.43	-74.68874	39.15582	NJ
3091	-0.05	-74.63989	39.21602	NJ	3163	-1.1	-74.66818	39.18361	NJ	3235	-0.35	-74.68901	39.15542	NJ
3092	-0.37	-74.64018	39.21563	NJ	3164	-1	-74.66853	39.18324	NJ	3236	-0.27	-74.68925	39.15501	NJ
3093	-0.34	-74.64047	39.21524	NJ	3165	-0.95	-74.66885	39.18288	NJ	3237	-0.23	-74.68948	39.15459	NJ
3094	-0.36	-74.64079	39.21486	NJ	3166	-0.94	-74.6692	39.18251	NJ	3238	-0.26	-74.68982	39.15422	NJ
3095	-0.36	-74.64107	39.21446	NJ	3167	-0.99	-74.66943	39.18209	NJ	3239	-0.29	-74.69016	39.15385	NJ
3096	-0.31	-74.6413	39.21404	NJ	3168	-1.09	-74.66975	39.18172	NJ	3240	-0.3	-74.69044	39.15346	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3241	-0.35	-74.69075	39.15308	NJ	3313	1.62	-74.70528	39.10455	NJ	3385	1.59	-74.71704	39.09366	NJ
3242	-0.33	-74.69102	39.15268	NJ	3314	1.23	-74.7054	39.10435	NJ	3386	1.5	-74.71745	39.09334	NJ
3243	-0.22	-74.6913	39.15228	NJ	3315	1.23	-74.7054	39.10435	NJ	3387	1.5	-74.71745	39.09334	NJ
3244	-0.17	-74.69168	39.15193	NJ	3316	1.6	-74.70558	39.10408	NJ	3388	1.56	-74.71785	39.09301	NJ
3245	-0.2	-74.69203	39.15158	NJ	3317	1.6	-74.70558	39.10408	NJ	3389	1.56	-74.71785	39.09301	NJ
3246	-0.23	-74.69237	39.15121	NJ	3318	1.39	-74.70567	39.10394	NJ	3390	1.57	-74.71825	39.09267	NJ
3247	-0.23	-74.69266	39.15082	NJ	3319	1.39	-74.70567	39.10394	NJ	3391	1.57	-74.71825	39.09267	NJ
3248	-0.23	-74.69336	39.1501	NJ	3320	1.63	-74.7059	39.10362	NJ	3392	1.56	-74.71861	39.09233	NJ
3249	1.05	-74.692	39.14993	NJ	3321	1.63	-74.7059	39.10362	NJ	3393	1.56	-74.71861	39.09233	NJ
3250	-0.34	-74.69373	39.14975	NJ	3322	1.3	-74.70596	39.10355	NJ	3394	1.48	-74.71906	39.09201	NJ
3251	-0.4	-74.69408	39.14939	NJ	3323	1.3	-74.70596	39.10355	NJ	3395	1.48	-74.71906	39.09201	NJ
3252	-0.34	-74.69441	39.14902	NJ	3324	1.28	-74.70625	39.10316	NJ	3396	1.51	-74.71935	39.09163	NJ
3253	-0.36	-74.69472	39.14864	NJ	3325	1.28	-74.70625	39.10316	NJ	3397	1.51	-74.71935	39.09163	NJ
3254	-0.33	-74.69502	39.14825	NJ	3326	1.77	-74.70625	39.10315	NJ	3398	1.51	-74.71973	39.09128	NJ
3255	-0.3	-74.69528	39.14785	NJ	3327	1.77	-74.70625	39.10315	NJ	3399	1.51	-74.71973	39.09128	NJ
3256	-0.29	-74.69553	39.14744	NJ	3328	1.36	-74.70654	39.10277	NJ	3400	1.43	-74.72012	39.09096	NJ
3257	-0.17	-74.69582	39.14705	NJ	3329	1.36	-74.70654	39.10277	NJ	3401	1.43	-74.72012	39.09096	NJ
3258	-0.18	-74.69614	39.14667	NJ	3330	1.95	-74.70659	39.10269	NJ	3402	1.36	-74.72058	39.09065	NJ
3259	-0.21	-74.69644	39.14628	NJ	3331	1.95	-74.70659	39.10269	NJ	3403	1.36	-74.72058	39.09065	NJ
3260	-0.28	-74.69678	39.14592	NJ	3332	1.4	-74.70683	39.10238	NJ	3404	1.24	-74.72105	39.09036	NJ
3261	-0.3	-74.69708	39.14554	NJ	3333	1.4	-74.70683	39.10238	NJ	3405	1.24	-74.72105	39.09036	NJ
3262	-0.24	-74.69734	39.14513	NJ	3334	1.43	-74.70712	39.10198	NJ	3406	1.1	-74.72147	39.09004	NJ
3263	-0.17	-74.69754	39.14469	NJ	3335	1.43	-74.70712	39.10198	NJ	3407	1.1	-74.72147	39.09004	NJ
3264	-0.12	-74.69778	39.14428	NJ	3336	1.44	-74.70744	39.10161	NJ	3408	0.94	-74.72185	39.0897	NJ
3265	0.58	-74.69743	39.14355	NJ	3337	1.44	-74.70744	39.10161	NJ	3409	0.94	-74.72185	39.0897	NJ
3266	0.06	-74.69826	39.14344	NJ	3338	1.27	-74.70779	39.10125	NJ	3410	0.85	-74.72224	39.08937	NJ
3267	0.14	-74.6985	39.14302	NJ	3339	1.27	-74.70779	39.10125	NJ	3411	0.85	-74.72224	39.08937	NJ
3268	0.06	-74.69882	39.14265	NJ	3340	1.3	-74.70816	39.1009	NJ	3412	0.84	-74.72266	39.08903	NJ
3269	-0.08	-74.69917	39.14229	NJ	3341	1.3	-74.70816	39.1009	NJ	3413	0.84	-74.72266	39.08903	NJ
3270	-0.16	-74.69949	39.14191	NJ	3342	1.28	-74.7085	39.10054	NJ	3414	0.82	-74.72304	39.0887	NJ
3271	-0.13	-74.69972	39.14149	NJ	3343	1.28	-74.7085	39.10054	NJ	3415	0.82	-74.72304	39.0887	NJ
3272	-5.46	-74.7103	39.11122	NJ	3344	1.16	-74.70885	39.10018	NJ	3416	0.79	-74.72342	39.08835	NJ
3273	NA	-74.7103	39.11122	NJ	3345	1.16	-74.70885	39.10018	NJ	3417	0.79	-74.72342	39.08835	NJ
3274	-4.44	-74.70975	39.11085	NJ	3346	1.05	-74.70924	39.09984	NJ	3418	0.7	-74.72382	39.08802	NJ
3275	-4.44	-74.70975	39.11085	NJ	3347	1.05	-74.70924	39.09984	NJ	3419	0.7	-74.72382	39.08802	NJ
3276	-3.82	-74.70924	39.11048	NJ	3348	1.17	-74.70959	39.09949	NJ	3420	0.6	-74.7242	39.08768	NJ
3277	-3.82	-74.70924	39.11048	NJ	3349	1.17	-74.70959	39.09949	NJ	3421	0.6	-74.7242	39.08768	NJ
3278	-3.29	-74.70892	39.11007	NJ	3350	1.26	-74.71001	39.09916	NJ	3422	0.59	-74.72459	39.08735	NJ
3279	-3.29	-74.70892	39.11007	NJ	3351	1.26	-74.71001	39.09916	NJ	3423	0.59	-74.72459	39.08735	NJ
3280	-2.58	-74.70828	39.10972	NJ	3352	1.3	-74.71042	39.09883	NJ	3424	0.5	-74.72496	39.087	NJ
3281	-2.58	-74.70828	39.10972	NJ	3353	1.3	-74.71042	39.09883	NJ	3425	0.5	-74.72496	39.087	NJ
3282	-2.3	-74.70798	39.10932	NJ	3354	1.35	-74.71085	39.09852	NJ	3426	0.45	-74.72536	39.08666	NJ
3283	-2.3	-74.70798	39.10932	NJ	3355	1.35	-74.71085	39.09852	NJ	3427	0.45	-74.72536	39.08666	NJ
3284	-1.8	-74.70757	39.10893	NJ	3356	1.37	-74.71123	39.09818	NJ	3428	0.45	-74.72572	39.08632	NJ
3285	-1.8	-74.70757	39.10893	NJ	3357	1.37	-74.71123	39.09818	NJ	3429	0.45	-74.72572	39.08632	NJ
3286	-1.33	-74.70708	39.10856	NJ	3358	1.39	-74.71165	39.09786	NJ	3430	0.4	-74.7261	39.08598	NJ
3287	-1.33	-74.70708	39.10856	NJ	3359	1.39	-74.71165	39.09786	NJ	3431	0.4	-74.7261	39.08598	NJ
3288	-0.96	-74.70657	39.10818	NJ	3360	1.41	-74.71205	39.09753	NJ	3432	0.32	-74.72649	39.08564	NJ
3289	-0.96	-74.70657	39.10818	NJ	3361	1.41	-74.71205	39.09753	NJ	3433	0.32	-74.72649	39.08564	NJ
3290	1	-74.70564	39.10788	NJ	3362	1.4	-74.71246	39.09721	NJ	3434	0.26	-74.72688	39.0853	NJ
3291	1	-74.70564	39.10788	NJ	3363	1.4	-74.71246	39.09721	NJ	3435	0.26	-74.72688	39.0853	NJ
3292	2.07	-74.70486	39.10756	NJ	3364	1.47	-74.71288	39.09688	NJ	3436	0.19	-74.72726	39.08496	NJ
3293	2.07	-74.70486	39.10756	NJ	3365	1.47	-74.71288	39.09688	NJ	3437	0.19	-74.72726	39.08496	NJ
3294	0.37	-74.70531	39.10725	NJ	3366	1.53	-74.71329	39.09655	NJ	3438	0.04	-74.72765	39.08462	NJ
3295	0.37	-74.70531	39.10725	NJ	3367	1.53	-74.71329	39.09655	NJ	3439	0.04	-74.72765	39.08462	NJ
3296	0.55	-74.70518	39.10704	NJ	3368	1.52	-74.7137	39.09623	NJ	3440	-0.03	-74.72801	39.08427	NJ
3297	0.55	-74.70518	39.10704	NJ	3369	1.52	-74.7137	39.09623	NJ	3441	-0.03	-74.72801	39.08427	NJ
3298	0.47	-74.70509	39.10681	NJ	3370	1.49	-74.71411	39.09591	NJ	3442	-0.08	-74.72836	39.08391	NJ
3299	0.47	-74.70509	39.10681	NJ	3371	1.49	-74.71411	39.09591	NJ	3443	-0.08	-74.72836	39.08391	NJ
3300	0.93	-74.70494	39.10636	NJ	3372	1.45	-74.71452	39.09558	NJ	3444	-0.11	-74.72873	39.08356	NJ
3301	0.93	-74.70494	39.10636	NJ	3373	1.45	-74.71452	39.09558	NJ	3445	-0.11	-74.72873	39.08356	NJ
3302	1.25	-74.70493	39.10591	NJ	3374	1.47	-74.71494	39.09526	NJ	3446	-0.19	-74.7291	39.08321	NJ
3303	1.25	-74.70493	39.10591	NJ	3375	1.47	-74.71494	39.09526	NJ	3447	-0.19	-74.7291	39.08321	NJ
3304	1.41	-74.70502	39.10546	NJ	3376	1.48	-74.71536	39.09495	NJ	3448	-0.25	-74.72945	39.08285	NJ
3305	1.41	-74.70502	39.10546	NJ	3377	1.48	-74.71536	39.09495	NJ	3449	-0.25	-74.72945	39.08285	NJ
3306	0.83	-74.70505	39.10525	NJ	3378	1.57	-74.71577	39.09462	NJ	3450	-0.31	-74.72981	39.08251	NJ
3307	0.83	-74.70505	39.10525	NJ	3379	1.57	-74.71577	39.09462	NJ	3451	-0.31	-74.72981	39.08251	NJ
3308	1.6	-74.70508	39.10501	NJ	3380	1.52	-74.71622	39.09431	NJ	3452	-0.32	-74.73019	39.08216	NJ
3309	1.6	-74.70508	39.10501	NJ	3381	1.52	-74.71622	39.09431	NJ	3453	-0.32	-74.73019	39.08216	NJ
3310	1.04	-74.70514	39.10476	NJ	3382	1.58	-74.71663	39.09399	NJ	3454	-0.39	-74.73058	39.08182	NJ
3311	1.04	-74.70514	39.10476	NJ	3383	1.58	-74.71663	39.09399	NJ	3455	-0.39	-74.73058	39.08182	NJ
3312	1.62	-74.70528	39.10455	NJ	3384	1.59	-74.71704	39.09366	NJ	3456	-0.43	-74.73093	39.08147	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3457	-0.43	-74.73093	39.08147	NJ	3529	-1.17	-74.74327	39.06841	NJ	3601	0.49	-74.75363	39.05426	NJ
3458	-0.5	-74.73134	39.08114	NJ	3530	-0.78	-74.74355	39.06801	NJ	3602	0.59	-74.75398	39.0539	NJ
3459	-0.5	-74.73134	39.08114	NJ	3531	-1.03	-74.74355	39.06801	NJ	3603	0.44	-74.75398	39.0539	NJ
3460	-0.52	-74.73169	39.08078	NJ	3532	-0.69	-74.74382	39.06761	NJ	3604	0.61	-74.75433	39.05354	NJ
3461	-0.52	-74.73169	39.08078	NJ	3533	-0.91	-74.74382	39.06761	NJ	3605	0.37	-74.75433	39.05354	NJ
3462	-0.5	-74.73203	39.08042	NJ	3534	-0.67	-74.74409	39.06721	NJ	3606	0.61	-74.75467	39.05318	NJ
3463	-0.5	-74.73203	39.08042	NJ	3535	-0.85	-74.74409	39.06721	NJ	3607	0.37	-74.75467	39.05318	NJ
3464	-0.55	-74.73238	39.08006	NJ	3536	-0.66	-74.74442	39.06684	NJ	3608	0.56	-74.75499	39.0528	NJ
3465	-0.55	-74.73238	39.08006	NJ	3537	-0.86	-74.74442	39.06684	NJ	3609	0.32	-74.75499	39.0528	NJ
3466	-0.6	-74.73273	39.0797	NJ	3538	-0.65	-74.74474	39.06646	NJ	3610	0.51	-74.75528	39.05241	NJ
3467	-0.6	-74.73273	39.0797	NJ	3539	-0.86	-74.74474	39.06646	NJ	3611	0.27	-74.75528	39.05241	NJ
3468	-0.72	-74.73311	39.07936	NJ	3540	-0.57	-74.745	39.06605	NJ	3612	0.48	-74.7556	39.05204	NJ
3469	-0.72	-74.73311	39.07936	NJ	3541	-0.78	-74.745	39.06605	NJ	3613	0.29	-74.7556	39.05204	NJ
3470	-0.79	-74.73347	39.07901	NJ	3542	-0.5	-74.74527	39.06565	NJ	3614	0.49	-74.75594	39.05167	NJ
3471	-0.79	-74.73347	39.07901	NJ	3543	-0.68	-74.74527	39.06565	NJ	3615	0.38	-74.75594	39.05167	NJ
3472	-0.84	-74.73383	39.07865	NJ	3544	-0.38	-74.74551	39.06523	NJ	3616	0.5	-74.75626	39.05129	NJ
3473	-0.84	-74.73383	39.07865	NJ	3545	-0.55	-74.74551	39.06523	NJ	3617	0.35	-74.75626	39.05129	NJ
3474	-0.9	-74.73418	39.07829	NJ	3546	-0.29	-74.74579	39.06483	NJ	3618	0.55	-74.75656	39.05091	NJ
3475	-0.9	-74.73418	39.07829	NJ	3547	-0.45	-74.74579	39.06483	NJ	3619	0.34	-74.75656	39.05091	NJ
3476	-0.89	-74.73454	39.07795	NJ	3548	-0.24	-74.74606	39.06444	NJ	3620	0.49	-74.75684	39.05051	NJ
3477	-0.89	-74.73454	39.07795	NJ	3549	-0.41	-74.74606	39.06444	NJ	3621	0.28	-74.75684	39.05051	NJ
3478	-1.03	-74.73492	39.0776	NJ	3550	-0.16	-74.74635	39.06404	NJ	3622	0.42	-74.75703	39.05007	NJ
3479	-1.03	-74.73492	39.0776	NJ	3551	-0.38	-74.74635	39.06404	NJ	3623	0.35	-74.75703	39.05007	NJ
3480	-1.04	-74.73528	39.07724	NJ	3552	-0.08	-74.74661	39.06363	NJ	3624	0.28	-74.7574	39.04971	NJ
3481	-1.04	-74.73528	39.07724	NJ	3553	-0.31	-74.74661	39.06363	NJ	3625	0.21	-74.7574	39.04971	NJ
3482	-1.03	-74.73563	39.07688	NJ	3554	-0.04	-74.74687	39.06322	NJ	3626	0.3	-74.75775	39.04936	NJ
3483	-1.03	-74.73563	39.07688	NJ	3555	-0.24	-74.74687	39.06322	NJ	3627	0.12	-74.75775	39.04936	NJ
3484	-1.03	-74.73598	39.07653	NJ	3556	0.02	-74.74713	39.06281	NJ	3628	0.36	-74.7581	39.049	NJ
3485	-1.03	-74.73598	39.07653	NJ	3557	-0.17	-74.74713	39.06281	NJ	3629	0.09	-74.7581	39.049	NJ
3486	-0.94	-74.73631	39.07617	NJ	3558	0.03	-74.74744	39.06243	NJ	3630	0.33	-74.75842	39.04863	NJ
3487	-1.05	-74.73631	39.07617	NJ	3559	-0.18	-74.74744	39.06243	NJ	3631	-0.04	-74.75842	39.04863	NJ
3488	-0.95	-74.73663	39.07579	NJ	3560	0.03	-74.74774	39.06205	NJ	3632	0.21	-74.75877	39.04826	NJ
3489	-1.12	-74.73663	39.07579	NJ	3561	-0.17	-74.74774	39.06205	NJ	3633	-0.2	-74.75877	39.04826	NJ
3490	-1	-74.73698	39.07543	NJ	3562	0.08	-74.74805	39.06166	NJ	3634	0.12	-74.75909	39.0479	NJ
3491	-1.15	-74.73698	39.07543	NJ	3563	-0.17	-74.74805	39.06166	NJ	3635	-0.3	-74.75909	39.0479	NJ
3492	-1.11	-74.73738	39.0751	NJ	3564	0.15	-74.74829	39.06125	NJ	3636	0.03	-74.75943	39.04753	NJ
3493	-1.24	-74.73738	39.0751	NJ	3565	-0.1	-74.74829	39.06125	NJ	3637	-0.43	-74.75943	39.04753	NJ
3494	-1.13	-74.73772	39.07472	NJ	3566	0.25	-74.74854	39.06083	NJ	3638	-0.02	-74.75972	39.04713	NJ
3495	-1.25	-74.73772	39.07472	NJ	3567	NA	-74.74854	39.06083	NJ	3639	-0.44	-74.75972	39.04713	NJ
3496	-1.15	-74.73807	39.07437	NJ	3568	0.35	-74.74879	39.06042	NJ	3640	-0.02	-74.76003	39.04675	NJ
3497	-1.31	-74.73807	39.07437	NJ	3569	0.11	-74.74879	39.06042	NJ	3641	-0.41	-74.76003	39.04675	NJ
3498	-1.16	-74.7384	39.074	NJ	3570	0.46	-74.74905	39.06001	NJ	3642	-0.08	-74.76031	39.04636	NJ
3499	-1.34	-74.7384	39.074	NJ	3571	0.22	-74.74905	39.06001	NJ	3643	-0.41	-74.76031	39.04636	NJ
3500	-1.14	-74.73872	39.07363	NJ	3572	0.55	-74.7493	39.0596	NJ	3644	-0.13	-74.76062	39.04597	NJ
3501	-1.19	-74.73872	39.07363	NJ	3573	0.35	-74.7493	39.0596	NJ	3645	-0.44	-74.76062	39.04597	NJ
3502	-1.12	-74.73904	39.07325	NJ	3574	0.6	-74.74957	39.05919	NJ	3646	-0.17	-74.76086	39.04556	NJ
3503	-1.07	-74.73904	39.07325	NJ	3575	0.46	-74.74957	39.05919	NJ	3647	-0.41	-74.76086	39.04556	NJ
3504	-1.16	-74.7394	39.07289	NJ	3576	0.59	-74.74986	39.0588	NJ	3648	-0.15	-74.76105	39.04511	NJ
3505	-1.14	-74.7394	39.07289	NJ	3577	0.55	-74.74986	39.0588	NJ	3649	-0.36	-74.76105	39.04511	NJ
3506	-1.17	-74.73975	39.07254	NJ	3578	0.56	-74.7502	39.05843	NJ	3650	-0.27	-74.76141	39.04475	NJ
3507	-1.22	-74.73975	39.07254	NJ	3579	0.6	-74.7502	39.05843	NJ	3651	-0.45	-74.76141	39.04475	NJ
3508	-1.15	-74.74007	39.07216	NJ	3580	0.57	-74.7505	39.05806	NJ	3652	-0.3	-74.76175	39.04439	NJ
3509	-1.25	-74.74007	39.07216	NJ	3581	0.62	-74.7505	39.05806	NJ	3653	-0.48	-74.76175	39.04439	NJ
3510	-1.15	-74.7404	39.07179	NJ	3582	0.51	-74.7509	39.05772	NJ	3654	-0.36	-74.76208	39.04402	NJ
3511	-1.28	-74.7404	39.07179	NJ	3583	0.48	-74.7509	39.05772	NJ	3655	-0.51	-74.76208	39.04402	NJ
3512	-1.09	-74.74071	39.07141	NJ	3584	0.49	-74.75124	39.05735	NJ	3656	-0.48	-74.76244	39.04366	NJ
3513	-1.26	-74.74071	39.07141	NJ	3585	0.38	-74.75124	39.05735	NJ	3657	-0.56	-74.76244	39.04366	NJ
3514	-1.02	-74.74101	39.07103	NJ	3586	0.46	-74.75157	39.05698	NJ	3658	-0.57	-74.76274	39.04328	NJ
3515	-1.2	-74.74101	39.07103	NJ	3587	0.33	-74.75157	39.05698	NJ	3659	-0.6	-74.76274	39.04328	NJ
3516	-1.05	-74.74133	39.07065	NJ	3588	0.41	-74.75192	39.05663	NJ	3660	-0.69	-74.76308	39.04291	NJ
3517	-1.17	-74.74133	39.07065	NJ	3589	0.3	-74.75192	39.05663	NJ	3661	-0.73	-74.76308	39.04291	NJ
3518	-1.01	-74.74162	39.07026	NJ	3590	0.4	-74.75224	39.05625	NJ	3662	-0.73	-74.76337	39.04253	NJ
3519	-1.16	-74.74162	39.07026	NJ	3591	0.29	-74.75224	39.05625	NJ	3663	-0.75	-74.76337	39.04253	NJ
3520	-0.99	-74.74197	39.0699	NJ	3592	0.41	-74.75256	39.05588	NJ	3664	-0.75	-74.76363	39.04211	NJ
3521	-1.19	-74.74197	39.0699	NJ	3593	0.29	-74.75256	39.05588	NJ	3665	-0.71	-74.76363	39.04211	NJ
3522	-1.02	-74.74234	39.06955	NJ	3594	0.43	-74.75282	39.05547	NJ	3666	-0.79	-74.76385	39.04169	NJ
3523	-1.2	-74.74234	39.06955	NJ	3595	0.35	-74.75282	39.05547	NJ	3667	-0.73	-74.76385	39.04169	NJ
3524	-0.95	-74.74266	39.06917	NJ	3596	0.46	-74.75311	39.05508	NJ	3668	-0.93	-74.76421	39.04133	NJ
3525	-1.16	-74.74266	39.06917	NJ	3597	0.42	-74.75311	39.05508	NJ	3669	-0.77	-74.76421	39.04133	NJ
3526	-0.93	-74.74295	39.06879	NJ	3598	0.49	-74.75339	39.05468	NJ	3670	-1.02	-74.76454	39.04096	NJ
3527	-1.19	-74.74295	39.06879	NJ	3599	0.44	-74.75339	39.05468	NJ	3671	-0.75	-74.76454	39.04096	NJ
3528	-0.86	-74.74327	39.06841	NJ	3600	0.59	-74.75363	39.05426	NJ	3672	-1.07	-74.76485	39.04058	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3673	-0.75	-74.76485	39.04058	NJ	3745	-6.52	-74.77779	39.02786	NJ	3817	7.29	-74.78856	38.99445	NJ
3674	-1.18	-74.76508	39.04016	NJ	3746	-6.48	-74.77815	39.02752	NJ	3818	7.32	-74.78893	38.99411	NJ
3675	-0.8	-74.76508	39.04016	NJ	3747	-6.48	-74.77815	39.02752	NJ	3819	7.31	-74.78894	38.99411	NJ
3676	-1.56	-74.76558	39.03989	NJ	3748	-6.82	-74.77852	39.02716	NJ	3820	7.27	-74.78932	38.99378	NJ
3677	-1.15	-74.76558	39.03989	NJ	3749	-6.82	-74.77852	39.02716	NJ	3821	7.25	-74.78932	38.99377	NJ
3678	-1.73	-74.76598	39.03955	NJ	3750	-3.3	-74.7789	39.02682	NJ	3822	7.23	-74.78972	38.99345	NJ
3679	-1.26	-74.76598	39.03955	NJ	3751	-3.15	-74.77927	39.02647	NJ	3823	7.2	-74.78973	38.99345	NJ
3680	-1.89	-74.76634	39.0392	NJ	3752	-2.8	-74.77962	39.02611	NJ	3824	7.19	-74.79016	38.99316	NJ
3681	-1.38	-74.76634	39.0392	NJ	3753	-0.47	-74.79152	39.00997	NJ	3825	7.17	-74.79018	38.99316	NJ
3682	-2.05	-74.76668	39.03884	NJ	3754	-0.46	-74.79131	39.00955	NJ	3826	7.14	-74.79063	38.99289	NJ
3683	-1.5	-74.76668	39.03884	NJ	3755	-0.58	-74.79112	39.00912	NJ	3827	7.13	-74.79063	38.99289	NJ
3684	-2.25	-74.76704	39.03848	NJ	3756	-0.89	-74.79111	39.00862	NJ	3828	7.07	-74.79114	38.99266	NJ
3685	-1.53	-74.76704	39.03848	NJ	3757	-0.91	-74.79089	39.00821	NJ	3829	7.06	-74.79115	38.99265	NJ
3686	-2.46	-74.76738	39.03812	NJ	3758	-1.46	-74.79079	39.00774	NJ	3830	6.97	-74.79161	38.99239	NJ
3687	-1.67	-74.76738	39.03812	NJ	3759	-1.46	-74.79073	39.00727	NJ	3831	6.95	-74.79163	38.99238	NJ
3688	-2.62	-74.7677	39.03774	NJ	3760	-1.83	-74.7907	39.00712	NJ	3832	6.85	-74.79205	38.99211	NJ
3689	-1.73	-74.7677	39.03774	NJ	3761	-2.12	-74.7906	39.00682	NJ	3833	6.82	-74.79207	38.9921	NJ
3690	-2.72	-74.76804	39.03737	NJ	3762	-2.6	-74.79057	39.00666	NJ	3834	6.74	-74.79259	38.99189	NJ
3691	-1.74	-74.76804	39.03737	NJ	3763	-2.12	-74.7905	39.00636	NJ	3835	6.72	-74.7926	38.99188	NJ
3692	-2.8	-74.76836	39.037	NJ	3764	-2.51	-74.79042	39.00619	NJ	3836	6.64	-74.79306	38.99162	NJ
3693	-1.76	-74.76836	39.037	NJ	3765	-2.05	-74.79034	39.00591	NJ	3837	6.63	-74.79308	38.99161	NJ
3694	-2.87	-74.76865	39.03661	NJ	3766	-2.02	-74.79031	39.00573	NJ	3838	6.56	-74.79353	38.99136	NJ
3695	-1.71	-74.76865	39.03661	NJ	3767	-2	-74.79021	39.00547	NJ	3839	6.55	-74.79355	38.99135	NJ
3696	-3.01	-74.76894	39.03622	NJ	3768	-1.79	-74.79013	39.00527	NJ	3840	6.47	-74.79401	38.99109	NJ
3697	-1.81	-74.76894	39.03622	NJ	3769	-1.7	-74.79002	39.00504	NJ	3841	6.45	-74.79402	38.99108	NJ
3698	-3.1	-74.76924	39.03583	NJ	3770	-0.98	-74.78992	39.0048	NJ	3842	6.4	-74.79443	38.9908	NJ
3699	-1.79	-74.76924	39.03583	NJ	3771	-1.3	-74.78972	39.00465	NJ	3843	6.38	-74.79446	38.99079	NJ
3700	-3.13	-74.7695	39.03543	NJ	3772	-0.08	-74.7892	39.00435	NJ	3844	6.31	-74.79491	38.99052	NJ
3701	-1.64	-74.7695	39.03543	NJ	3773	0.02	-74.78899	39.00429	NJ	3845	6.28	-74.79492	38.99051	NJ
3702	-2.45	-74.7692	39.0347	NJ	3774	1.12	-74.78888	39.00397	NJ	3846	6.19	-74.79539	38.99028	NJ
3703	-0.68	-74.7692	39.0347	NJ	3775	0.62	-74.78883	39.00383	NJ	3847	6.19	-74.79543	38.99026	NJ
3704	-3.29	-74.76997	39.03458	NJ	3776	2.31	-74.7887	39.00354	NJ	3848	6.05	-74.7959	38.99004	NJ
3705	-1.62	-74.76997	39.03458	NJ	3777	1.19	-74.7886	39.00336	NJ	3849	6.03	-74.79593	38.99002	NJ
3706	-3.43	-74.77029	39.03421	NJ	3778	3.35	-74.78841	39.00314	NJ	3850	5.9	-74.79642	38.98981	NJ
3707	-1.59	-74.77029	39.03421	NJ	3779	1.57	-74.78786	39.00287	NJ	3851	5.9	-74.79645	38.98979	NJ
3708	-3.55	-74.77063	39.03384	NJ	3780	2.1	-74.78784	39.00286	NJ	3852	5.8	-74.79691	38.98957	NJ
3709	-1.65	-74.77063	39.03384	NJ	3781	2.79	-74.7876	39.00239	NJ	3853	5.78	-74.79695	38.98955	NJ
3710	-3.66	-74.77094	39.03346	NJ	3782	3.54	-74.78735	39.00192	NJ	3854	5.67	-74.79739	38.98931	NJ
3711	-1.75	-74.77094	39.03346	NJ	3783	4.29	-74.78677	39.00143	NJ	3855	5.64	-74.79744	38.98929	NJ
3712	-3.87	-74.77122	39.03307	NJ	3784	3.36	-74.78677	39.00138	NJ	3856	5.53	-74.79791	38.98908	NJ
3713	-1.85	-74.77122	39.03307	NJ	3785	4.72	-74.78693	39.00099	NJ	3857	5.51	-74.79796	38.98907	NJ
3714	-3.98	-74.77151	39.03268	NJ	3786	3.8	-74.78697	39.00089	NJ	3858	5.42	-74.7984	38.98883	NJ
3715	-1.83	-74.77151	39.03268	NJ	3787	5.16	-74.78694	39.00054	NJ	3859	5.4	-74.79845	38.9888	NJ
3716	-6.09	-74.77432	39.03258	NJ	3788	4.36	-74.78687	39.00017	NJ	3860	5.28	-74.7989	38.98859	NJ
3717	-4.06	-74.77432	39.03258	NJ	3789	5.62	-74.78687	39.00008	NJ	3861	5.25	-74.79895	38.98857	NJ
3718	-4.08	-74.7718	39.03228	NJ	3790	6.12	-74.7867	38.99962	NJ	3862	5.18	-74.79938	38.98833	NJ
3719	-1.86	-74.7718	39.03228	NJ	3791	5.01	-74.78664	38.99947	NJ	3863	5.18	-74.79942	38.9883	NJ
3720	-4.09	-74.77203	39.03185	NJ	3792	5.22	-74.78654	38.99928	NJ	3864	5.09	-74.79985	38.98807	NJ
3721	-1.77	-74.77203	39.03185	NJ	3793	6.72	-74.7865	38.99915	NJ	3865	5.07	-74.79991	38.98804	NJ
3722	-6.46	-74.77367	39.03166	NJ	3794	7.25	-74.78635	38.99869	NJ	3866	4.97	-74.80035	38.98782	NJ
3723	-4.4	-74.77367	39.03166	NJ	3795	5.94	-74.78629	38.99852	NJ	3867	4.95	-74.80042	38.9878	NJ
3724	-6.8	-74.77411	39.03135	NJ	3796	5.99	-74.78629	38.99843	NJ	3868	4.84	-74.80086	38.98759	NJ
3725	-4.71	-74.77411	39.03135	NJ	3797	7.7	-74.78629	38.99823	NJ	3869	4.81	-74.80093	38.98757	NJ
3726	-7.2	-74.77444	39.03098	NJ	3798	8.17	-74.78613	38.99777	NJ	3870	4.68	-74.80138	38.98737	NJ
3727	-5.01	-74.77444	39.03098	NJ	3799	6.62	-74.78612	38.9977	NJ	3871	4.67	-74.80145	38.98733	NJ
3728	-5.33	-74.77477	39.03061	NJ	3800	6.67	-74.78609	38.99763	NJ	3872	4.59	-74.80185	38.9871	NJ
3729	-5.33	-74.77477	39.03061	NJ	3801	8.65	-74.78601	38.99731	NJ	3873	4.56	-74.80193	38.98707	NJ
3730	-5.69	-74.77515	39.03027	NJ	3802	7.14	-74.78607	38.997	NJ	3874	4.46	-74.80235	38.98686	NJ
3731	-5.69	-74.77515	39.03027	NJ	3803	7.13	-74.78607	38.99697	NJ	3875	4.43	-74.80244	38.98683	NJ
3732	-6.12	-74.77551	39.02992	NJ	3804	7.19	-74.78641	38.99662	NJ	3876	4.33	-74.80287	38.98663	NJ
3733	-6.12	-74.77551	39.02992	NJ	3805	7.19	-74.78642	38.99661	NJ	3877	4.3	-74.80295	38.98659	NJ
3734	-6.41	-74.77592	39.02959	NJ	3806	7.13	-74.78685	38.99634	NJ	3878	4.18	-74.80338	38.9864	NJ
3735	-6.41	-74.77592	39.02959	NJ	3807	7.11	-74.78687	38.99632	NJ	3879	4.14	-74.80347	38.98636	NJ
3736	-6.48	-74.77631	39.02926	NJ	3808	7.06	-74.78731	38.99606	NJ	3880	4.02	-74.80389	38.98617	NJ
3737	-6.48	-74.77631	39.02926	NJ	3809	7.04	-74.78732	38.99604	NJ	3881	3.99	-74.80399	38.98613	NJ
3738	-6.59	-74.77669	39.02891	NJ	3810	7.03	-74.78749	38.99555	NJ	3882	3.9	-74.8044	38.98594	NJ
3739	-6.59	-74.77669	39.02891	NJ	3811	7.01	-74.78751	38.99554	NJ	3883	3.85	-74.8045	38.9859	NJ
3740	-6.73	-74.77707	39.02857	NJ	3812	7.09	-74.78784	38.99518	NJ	3884	3.72	-74.80493	38.98572	NJ
3741	-6.73	-74.77707	39.02857	NJ	3813	7.07	-74.78784	38.99517	NJ	3885	3.68	-74.80502	38.98568	NJ
3742	-6.7	-74.77744	39.02822	NJ	3814	7.16	-74.78818	38.99481	NJ	3886	3.54	-74.80547	38.98551	NJ
3743	-6.7	-74.77744	39.02822	NJ	3815	7.16	-74.78819	38.9948	NJ	3887	3.5	-74.80557	38.98547	NJ
3744	-6.52	-74.77779	39.02786	NJ	3816	7.31	-74.78854	38.99446	NJ	3888	3.4	-74.80597	38.98527	NJ

TR#	RATE	LONG	LAT	ST
3889	3.35	-74.80608	38.98522	NJ
3890	3.27	-74.80646	38.98502	NJ
3891	3.26	-74.80655	38.98496	NJ
3892	3.16	-74.80696	38.98478	NJ
3893	3.12	-74.80708	38.98473	NJ
3894	3.04	-74.80746	38.98453	NJ
3895	3.02	-74.80756	38.98447	NJ
3896	2.91	-74.80797	38.9843	NJ
3897	2.88	-74.80809	38.98425	NJ
3898	2.8	-74.80849	38.98406	NJ
3899	2.76	-74.80859	38.98401	NJ
3900	2.68	-74.80898	38.98382	NJ
3901	2.67	-74.8091	38.98376	NJ
3902	2.65	-74.80943	38.98354	NJ
3903	2.64	-74.80956	38.98348	NJ
3904	2.58	-74.80991	38.98328	NJ
3905	2.56	-74.81003	38.98322	NJ
3906	2.49	-74.81039	38.98303	NJ
3907	2.48	-74.8105	38.98295	NJ
3908	2.4	-74.81088	38.98277	NJ
3909	2.39	-74.811	38.98271	NJ
3910	2.37	-74.81136	38.98251	NJ
3911	2.34	-74.81148	38.98244	NJ
3912	2.33	-74.81178	38.98221	NJ
3913	2.31	-74.8119	38.98214	NJ
3914	2.27	-74.81226	38.98194	NJ
3915	2.25	-74.81239	38.98188	NJ
3916	2.19	-74.81276	38.9817	NJ
3917	2.19	-74.81288	38.98163	NJ
3918	2.16	-74.81322	38.98143	NJ
3919	2.15	-74.81335	38.98136	NJ
3920	2.1	-74.81371	38.98117	NJ
3921	2.08	-74.81384	38.9811	NJ
3922	2.01	-74.81421	38.98094	NJ
3923	1.99	-74.81436	38.98087	NJ
3924	1.94	-74.8147	38.98068	NJ
3925	1.92	-74.81483	38.98061	NJ
3926	1.88	-74.81516	38.98041	NJ
3927	1.87	-74.81529	38.98033	NJ
3928	1.86	-74.8156	38.98012	NJ
3929	1.84	-74.81573	38.98004	NJ
3930	1.8	-74.81606	38.97985	NJ
3931	1.77	-74.81622	38.97978	NJ
3932	1.74	-74.81656	38.9796	NJ
3933	1.75	-74.81668	38.9795	NJ
3934	1.71	-74.81702	38.97932	NJ
3935	1.68	-74.81717	38.97924	NJ
3936	1.67	-74.81747	38.97905	NJ
3937	1.67	-74.81761	38.97895	NJ
3938	1.67	-74.81792	38.97875	NJ
3939	1.69	-74.81802	38.97864	NJ
3940	1.63	-74.81836	38.97847	NJ
3941	1.61	-74.81851	38.97838	NJ
3942	1.55	-74.81885	38.97822	NJ
3943	1.53	-74.81902	38.97814	NJ
3944	1.5	-74.81932	38.97795	NJ
3945	1.5	-74.81946	38.97785	NJ
3946	1.49	-74.81976	38.97766	NJ
3947	1.49	-74.81992	38.97757	NJ
3948	1.48	-74.82021	38.97737	NJ
3949	1.46	-74.82036	38.97728	NJ
3950	1.39	-74.82069	38.97713	NJ
3951	1.37	-74.82086	38.97704	NJ
3952	1.34	-74.82117	38.97686	NJ
3953	1.32	-74.82133	38.97677	NJ
3954	1.3	-74.82162	38.97658	NJ
3955	1.29	-74.82179	38.97649	NJ
3956	1.24	-74.82211	38.97632	NJ
3957	1.21	-74.82228	38.97623	NJ
3958	1.18	-74.82257	38.97605	NJ
3959	1.17	-74.82272	38.97595	NJ
3960	1.15	-74.82301	38.97577	NJ
3961	1.13	-74.8232	38.97568	NJ
3962	1.13	-74.82349	38.97549	NJ
3963	1.15	-74.82362	38.97537	NJ
3964	1.17	-74.82387	38.97516	NJ
3965	1.16	-74.82404	38.97506	NJ
3966	1.16	-74.8243	38.97486	NJ
3967	1.17	-74.82446	38.97476	NJ
3968	1.12	-74.82477	38.97459	NJ
3969	1.12	-74.82494	38.97448	NJ
3970	1.15	-74.82516	38.97426	NJ
3971	1.14	-74.82532	38.97415	NJ
3972	1.12	-74.82561	38.97397	NJ
3973	1.11	-74.82578	38.97386	NJ
3974	1.08	-74.82607	38.9737	NJ
3975	1.08	-74.82623	38.97359	NJ
3976	1.06	-74.82652	38.97342	NJ
3977	1.08	-74.82668	38.97329	NJ
3978	1.05	-74.82697	38.97313	NJ
3979	1.04	-74.82713	38.97302	NJ
3980	1.04	-74.82739	38.97283	NJ
3981	1.03	-74.82755	38.97271	NJ
3982	1.02	-74.82782	38.97252	NJ
3983	1.03	-74.82799	38.97242	NJ
3984	1.07	-74.82825	38.97221	NJ
3985	1.08	-74.8284	38.9721	NJ
3986	1.07	-74.82867	38.97192	NJ
3987	1.1	-74.82883	38.97179	NJ
3988	1.09	-74.8291	38.97162	NJ
3989	1.09	-74.82927	38.9715	NJ
3990	1.11	-74.82951	38.97131	NJ
3991	1.12	-74.82968	38.97119	NJ
3992	1.15	-74.82993	38.97099	NJ
3993	1.13	-74.83011	38.97089	NJ
3994	1.16	-74.83035	38.97068	NJ
3995	1.15	-74.83052	38.97057	NJ
3996	1.19	-74.83078	38.97038	NJ
3997	1.21	-74.83093	38.97026	NJ
3998	1.23	-74.83119	38.97006	NJ
3999	1.26	-74.83134	38.96993	NJ
4000	1.27	-74.83159	38.96973	NJ
4001	1.27	-74.83176	38.96962	NJ
4002	1.31	-74.832	38.96942	NJ
4003	1.36	-74.83215	38.96929	NJ
4004	1.37	-74.83241	38.9691	NJ
4005	1.39	-74.83255	38.96897	NJ
4006	1.4	-74.83281	38.96877	NJ
4007	1.39	-74.83298	38.96867	NJ
4008	1.4	-74.83324	38.96847	NJ
4009	1.42	-74.83339	38.96835	NJ
4010	1.45	-74.83365	38.96815	NJ
4011	1.46	-74.83382	38.96804	NJ
4012	1.46	-74.83408	38.96785	NJ
4013	1.47	-74.83421	38.96773	NJ
4014	1.48	-74.83447	38.96752	NJ
4015	1.48	-74.83463	38.96741	NJ
4016	1.5	-74.83488	38.96721	NJ
4017	1.54	-74.83502	38.96708	NJ
4018	1.58	-74.83528	38.96688	NJ
4019	1.58	-74.83543	38.96677	NJ
4020	1.62	-74.83569	38.96657	NJ
4021	1.67	-74.83583	38.96643	NJ
4022	1.69	-74.83609	38.96624	NJ
4023	1.73	-74.83624	38.96612	NJ
4024	1.79	-74.8365	38.96592	NJ
4025	1.85	-74.83664	38.96579	NJ
4026	1.9	-74.83688	38.96558	NJ
4027	1.94	-74.83704	38.96546	NJ
4028	2.01	-74.83728	38.96525	NJ
4029	2.04	-74.83743	38.96514	NJ
4030	2.09	-74.83769	38.96494	NJ
4031	2.2	-74.83783	38.96481	NJ
4032	2.28	-74.83809	38.96461	NJ
4033	2.35	-74.83823	38.96448	NJ
4034	2.42	-74.83849	38.96428	NJ
4035	2.59	-74.83862	38.96415	NJ
4036	2.71	-74.83888	38.96396	NJ
4037	2.86	-74.83905	38.96385	NJ
4038	2.99	-74.83931	38.96365	NJ
4039	3.13	-74.83946	38.96354	NJ
4040	3.22	-74.83974	38.96334	NJ
4041	3.38	-74.83987	38.96322	NJ
4042	3.54	-74.8401	38.96299	NJ
4043	3.71	-74.84024	38.96287	NJ
4044	3.86	-74.84048	38.96265	NJ
4045	4.06	-74.84062	38.96253	NJ
4046	4.18	-74.8409	38.96234	NJ
4047	4.52	-74.84105	38.96222	NJ
4048	4.66	-74.84131	38.96202	NJ
4049	5.01	-74.84148	38.96192	NJ
4050	5.21	-74.84174	38.96172	NJ
4051	5.84	-74.84187	38.9616	NJ
4052	7.67	-74.84213	38.96139	NJ
4053	7.37	-74.84225	38.96126	NJ
4054	7.35	-74.8425	38.96104	NJ
4055	7.17	-74.84267	38.96094	NJ
4056	7.14	-74.84296	38.96076	NJ
4057	7.04	-74.84309	38.96064	NJ
4058	7.05	-74.84334	38.96042	NJ
4059	6.68	-74.84346	38.96029	NJ
4060	6.73	-74.84369	38.96005	NJ
4061	6.47	-74.84386	38.95995	NJ
4062	6.32	-74.84412	38.95975	NJ
4063	6.14	-74.84425	38.95963	NJ
4064	5.93	-74.84451	38.95943	NJ
4065	5.57	-74.84467	38.95931	NJ
4066	5.43	-74.84492	38.9591	NJ
4067	5.07	-74.84506	38.95899	NJ
4068	4.96	-74.84532	38.95877	NJ
4069	4.74	-74.84544	38.95866	NJ
4070	4.67	-74.8457	38.95843	NJ
4071	4.5	-74.84584	38.95832	NJ
4072	4.41	-74.84608	38.9581	NJ
4073	4.23	-74.84624	38.95799	NJ
4074	4.14	-74.8465	38.95777	NJ
4075	4.01	-74.8466	38.95764	NJ
4076	3.88	-74.84689	38.95746	NJ
4077	3.76	-74.84703	38.95734	NJ
4078	3.72	-74.84729	38.95712	NJ
4079	3.63	-74.84741	38.957	NJ
4080	3.55	-74.84767	38.95678	NJ
4081	3.45	-74.84779	38.95667	NJ
4082	3.42	-74.84804	38.95643	NJ
4083	3.34	-74.84814	38.95631	NJ
4084	3.24	-74.84843	38.9561	NJ
4085	3.16	-74.84857	38.956	NJ
4086	3.13	-74.8488	38.95574	NJ
4087	3.05	-74.84892	38.95563	NJ
4088	2.95	-74.84921	38.95543	NJ
4089	2.87	-74.84932	38.9553	NJ
4090	2.77	-74.84959	38.95508	NJ
4091	2.66	-74.84972	38.95498	NJ
4092	2.55	-74.84998	38.95475	NJ
4093	2.39	-74.85011	38.95466	NJ
4094	2.21	-74.8504	38.95444	NJ
4095	2.01	-74.85052	38.95434	NJ
4096	1.72	-74.85083	38.95414	NJ
4097	1.49	-74.85097	38.95405	NJ
4098	1.23	-74.85123	38.95381	NJ
4099	1.09	-74.85135	38.95371	NJ
4100	0.94	-74.85161	38.95347	NJ
4101	0.86	-74.85175	38.95337	NJ
4102	0.78	-74.85199	38.95313	NJ
4103	0.7	-74.85213	38.95304	NJ
4104	0.58	-74.85243	38.95284	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4105	0.53	-74.85255	38.95273	NJ	4177	3.93	-74.86743	38.94291	NJ	4249	-2.86	-74.88924	38.93968	NJ
4106	0.46	-74.85281	38.9525	NJ	4178	-1.76	-74.8754	38.94289	NJ	4250	7.86	-74.86469	38.93962	NJ
4107	0.41	-74.85294	38.9524	NJ	4179	-1.96	-74.87546	38.94287	NJ	4251	-2.91	-74.88951	38.93955	NJ
4108	0.36	-74.8532	38.95216	NJ	4180	-2.33	-74.87778	38.94284	NJ	4252	8.44	-74.86458	38.93949	NJ
4109	0.34	-74.85332	38.95205	NJ	4181	-2.9	-74.87836	38.94282	NJ	4253	-2.67	-74.88974	38.93943	NJ
4110	0.33	-74.85356	38.9518	NJ	4182	-3.01	-74.87842	38.94281	NJ	4254	7.14	-74.86809	38.93938	NJ
4111	0.33	-74.85367	38.95169	NJ	4183	5.36	-74.8631	38.94281	NJ	4255	-2.7	-74.89006	38.93928	NJ
4112	0.37	-74.85391	38.95145	NJ	4184	-2.22	-74.87656	38.94274	NJ	4256	-2.53	-74.89023	38.93918	NJ
4113	0.4	-74.85403	38.95134	NJ	4185	-3.29	-74.8795	38.94274	NJ	4257	7.71	-74.86801	38.93914	NJ
4114	0.48	-74.85431	38.95111	NJ	4186	-3.13	-74.87892	38.94274	NJ	4258	-2.52	-74.89059	38.939	NJ
4115	0.54	-74.85442	38.951	NJ	4187	-2.25	-74.8766	38.94273	NJ	4259	-2.38	-74.89075	38.93895	NJ
4116	0.64	-74.85468	38.95076	NJ	4188	-3.13	-74.87898	38.94271	NJ	4260	-2.37	-74.89116	38.9388	NJ
4117	0.71	-74.8548	38.95065	NJ	4189	-1.95	-74.87592	38.94271	NJ	4261	-2.27	-74.89127	38.93876	NJ
4118	0.85	-74.85506	38.95041	NJ	4190	5.71	-74.86319	38.9427	NJ	4262	9.52	-74.86389	38.93867	NJ
4119	0.9	-74.85516	38.95031	NJ	4191	-3.46	-74.88007	38.94267	NJ	4263	-2.23	-74.89171	38.93861	NJ
4120	0.96	-74.85544	38.95007	NJ	4192	-3.48	-74.8808	38.94266	NJ	4264	-2.12	-74.89178	38.93857	NJ
4121	1.02	-74.85556	38.94998	NJ	4193	-3.6	-74.88065	38.94266	NJ	4265	-2.06	-74.89226	38.93837	NJ
4122	1.13	-74.85585	38.94976	NJ	4194	-2.19	-74.87712	38.94265	NJ	4266	-1.95	-74.89229	38.93833	NJ
4123	1.21	-74.85596	38.94966	NJ	4195	-2.23	-74.87717	38.94264	NJ	4267	8.72	-74.86732	38.93831	NJ
4124	1.3	-74.85623	38.94941	NJ	4196	-3.32	-74.87956	38.94263	NJ	4268	-1.94	-74.89281	38.93815	NJ
4125	1.35	-74.85634	38.94932	NJ	4197	5.89	-74.86325	38.94261	NJ	4269	-1.86	-74.89279	38.93807	NJ
4126	1.43	-74.85663	38.94909	NJ	4198	-3.75	-74.88123	38.9426	NJ	4270	9.88	-74.86333	38.93798	NJ
4127	1.5	-74.85674	38.94899	NJ	4199	-3.63	-74.88138	38.94258	NJ	4271	-1.79	-74.89336	38.93787	NJ
4128	1.58	-74.85701	38.94875	NJ	4200	-3.86	-74.88177	38.94249	NJ	4272	10.59	-74.8632	38.93784	NJ
4129	1.66	-74.8571	38.94864	NJ	4201	4.72	-74.87077	38.94249	NJ	4273	10.96	-74.86693	38.93782	NJ
4130	1.8	-74.85735	38.94837	NJ	4202	-3.82	-74.88193	38.94244	NJ	4274	-1.72	-74.89328	38.9378	NJ
4131	1.86	-74.85745	38.94828	NJ	4203	-3.38	-74.8801	38.94243	NJ	4275	-1.59	-74.89377	38.93753	NJ
4132	1.97	-74.85776	38.94806	NJ	4204	-2.28	-74.87762	38.94239	NJ	4276	-1.6	-74.89389	38.93751	NJ
4133	2.08	-74.85786	38.94796	NJ	4205	-3.95	-74.88234	38.94235	NJ	4277	9.74	-74.86664	38.93747	NJ
4134	2.26	-74.85812	38.94769	NJ	4206	-3.81	-74.88249	38.94233	NJ	4278	-1.4	-74.89426	38.93725	NJ
4135	2.36	-74.85822	38.9476	NJ	4207	5.66	-74.86349	38.94233	NJ	4279	-1.39	-74.89442	38.93715	NJ
4136	2.5	-74.85847	38.94734	NJ	4208	6.1	-74.86351	38.9423	NJ	4280	11.62	-74.86252	38.93702	NJ
4137	2.6	-74.85857	38.94723	NJ	4209	-3.93	-74.8829	38.94224	NJ	4281	-1.18	-74.8947	38.9369	NJ
4138	2.72	-74.85881	38.94695	NJ	4210	6.26	-74.86357	38.94222	NJ	4282	10.81	-74.86595	38.93663	NJ
4139	2.78	-74.85889	38.94685	NJ	4211	-3.77	-74.88306	38.94221	NJ	4283	14.21	-74.86198	38.93648	NJ
4140	2.92	-74.85916	38.94658	NJ	4212	-3.86	-74.88347	38.9421	NJ	4284	11.74	-74.86201	38.93647	NJ
4141	3.02	-74.85925	38.9465	NJ	4213	-3.78	-74.88359	38.94206	NJ	4285	-0.76	-74.8949	38.93635	NJ
4142	3.24	-74.85954	38.94625	NJ	4214	-3.88	-74.88403	38.94194	NJ	4286	-0.75	-74.89503	38.93629	NJ
4143	3.36	-74.85965	38.94617	NJ	4215	-3.74	-74.88412	38.9419	NJ	4287	-0.85	-74.89546	38.93623	NJ
4144	3.49	-74.85992	38.94591	NJ	4216	6.46	-74.86382	38.94189	NJ	4288	-0.82	-74.89558	38.93617	NJ
4145	3.61	-74.86005	38.94583	NJ	4217	5.98	-74.86388	38.94182	NJ	4289	11.34	-74.86554	38.93613	NJ
4146	3.73	-74.86034	38.94558	NJ	4218	6.64	-74.86388	38.94181	NJ	4290	-0.85	-74.89603	38.93611	NJ
4147	3.85	-74.86043	38.9455	NJ	4219	-3.81	-74.88458	38.94176	NJ	4291	-0.84	-74.89613	38.93604	NJ
4148	4	-74.8607	38.94524	NJ	4220	-3.66	-74.88467	38.94173	NJ	4292	-0.87	-74.89659	38.93599	NJ
4149	4.13	-74.86079	38.94515	NJ	4221	5.35	-74.87009	38.94165	NJ	4293	-0.85	-74.8967	38.93593	NJ
4150	4.26	-74.86108	38.94489	NJ	4222	-3.77	-74.88515	38.94157	NJ	4294	-0.9	-74.89716	38.93587	NJ
4151	4.34	-74.86118	38.94481	NJ	4223	-3.64	-74.88519	38.94155	NJ	4295	-0.88	-74.89726	38.93581	NJ
4152	4.45	-74.86147	38.94456	NJ	4224	6.84	-74.86414	38.94151	NJ	4296	-0.92	-74.89771	38.93572	NJ
4153	1.96	-74.8688	38.94455	NJ	4225	7.89	-74.86421	38.94144	NJ	4297	-0.89	-74.89781	38.93567	NJ
4154	4.56	-74.86156	38.94447	NJ	4226	-3.72	-74.8857	38.94136	NJ	4298	-0.94	-74.89827	38.93558	NJ
4155	4.66	-74.86185	38.94421	NJ	4227	-3.6	-74.88573	38.94135	NJ	4299	-0.91	-74.89836	38.93553	NJ
4156	4.71	-74.86194	38.94413	NJ	4228	5.91	-74.86606	38.94127	NJ	4300	-1.01	-74.89867	38.93544	NJ
4157	4.85	-74.86218	38.94384	NJ	4229	5.27	-74.86958	38.9412	NJ	4301	-0.95	-74.89925	38.93526	NJ
4158	4.96	-74.86227	38.94376	NJ	4230	-3.58	-74.88623	38.94114	NJ	4302	-0.91	-74.89938	38.93522	NJ
4159	4.72	-74.86229	38.94372	NJ	4231	6.25	-74.86595	38.94114	NJ	4303	-0.89	-74.89943	38.9352	NJ
4160	2.13	-74.8726	38.94347	NJ	4232	-3.67	-74.88625	38.94113	NJ	4304	-0.93	-74.89983	38.93507	NJ
4161	5.12	-74.86253	38.94346	NJ	4233	8.26	-74.86447	38.94112	NJ	4305	-0.86	-74.89996	38.93502	NJ
4162	5.25	-74.86261	38.94338	NJ	4234	8.71	-74.86453	38.94105	NJ	4306	-0.89	-74.89993	38.93502	NJ
4163	1.82	-74.87315	38.94337	NJ	4235	-3.5	-74.88673	38.94092	NJ	4307	-0.48	-74.89877	38.93495	NJ
4164	1.94	-74.8732	38.94336	NJ	4236	-3.62	-74.8868	38.9409	NJ	4308	-0.4	-74.8987	38.93492	NJ
4165	1.12	-74.87373	38.94327	NJ	4237	5.78	-74.86938	38.94082	NJ	4309	-0.9	-74.90041	38.93487	NJ
4166	5.05	-74.8627	38.94327	NJ	4238	9.34	-74.86481	38.94074	NJ	4310	-0.84	-74.9005	38.93483	NJ
4167	1.76	-74.87376	38.94326	NJ	4239	-3.34	-74.88725	38.94071	NJ	4311	-0.87	-74.9005	38.93483	NJ
4168	5.24	-74.86275	38.94322	NJ	4240	-3.48	-74.88734	38.94066	NJ	4312	-0.88	-74.90097	38.93467	NJ
4169	-0.18	-74.8743	38.94317	NJ	4241	-3.25	-74.88777	38.94047	NJ	4313	-0.82	-74.90102	38.93465	NJ
4170	-0.26	-74.87433	38.94316	NJ	4242	-3.35	-74.88789	38.9404	NJ	4314	-0.85	-74.90105	38.93464	NJ
4171	5.4	-74.86287	38.94309	NJ	4243	7.31	-74.86526	38.94031	NJ	4315	-0.85	-74.90155	38.93447	NJ
4172	-1.05	-74.87485	38.94304	NJ	4244	-3.12	-74.88824	38.94018	NJ	4316	-0.8	-74.90155	38.93447	NJ
4173	-1.68	-74.87489	38.94302	NJ	4245	-3.18	-74.88843	38.94008	NJ	4317	-0.82	-74.9016	38.93445	NJ
4174	3.32	-74.87106	38.94302	NJ	4246	6.69	-74.8687	38.93998	NJ	4318	-0.76	-74.90207	38.93429	NJ
4175	-2.08	-74.87605	38.94301	NJ	4247	-2.97	-74.88873	38.93993	NJ	4319	-0.81	-74.90213	38.93427	NJ
4176	5.54	-74.86295	38.943	NJ	4248	-3.01	-74.88898	38.93982	NJ	4320	-0.78	-74.90216	38.93426	NJ

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4321	-0.73	-74.9026	38.9341	NJ	4393	-1.1	-74.93558	38.93056	NJ	23	-2.39	-75.08717	38.78808	DE
4322	-0.76	-74.90269	38.93407	NJ	4394	-0.38	-74.91595	38.93053	NJ	24	-2.36	-75.0871	38.78763	DE
4323	-0.74	-74.90271	38.93407	NJ	4395	-0.35	-74.91653	38.93043	NJ	25	-2.39	-75.08698	38.78719	DE
4324	-0.68	-74.90314	38.93392	NJ	4396	0.3	-74.91309	38.93026	NJ	26	-2.55	-75.08685	38.78674	DE
4325	-0.69	-74.90385	38.93368	NJ	4397	-0.12	-74.91711	38.93013	NJ	27	-2.65	-75.08675	38.7863	DE
4326	-0.49	-74.90327	38.93366	NJ	4398	-0.2	-74.91942	38.93008	NJ	28	-2.77	-75.08672	38.78585	DE
4327	-0.67	-74.90443	38.93349	NJ	4399	-0.22	-74.91885	38.93008	NJ	29	-2.87	-75.08664	38.7854	DE
4328	-0.64	-74.90501	38.9333	NJ	4400	-0.11	-74.92	38.92997	NJ	30	-2.93	-75.08658	38.78495	DE
4329	-0.59	-74.90559	38.93311	NJ	4401	0.04	-74.91827	38.92992	NJ	31	-2.96	-75.0865	38.78451	DE
4330	-0.55	-74.90616	38.93291	NJ	4402	0	-74.92058	38.92983	NJ	32	-3.09	-75.08647	38.78406	DE
4331	-0.45	-74.90674	38.93265	NJ	4403	0.23	-74.91769	38.92976	NJ	33	-3.09	-75.0864	38.78361	DE
4332	-4.24	-74.94479	38.93222	NJ	4404	0.15	-74.92114	38.92968	NJ	34	-3.06	-75.08633	38.78316	DE
4333	-0.35	-74.90788	38.93221	NJ	4405	0.21	-74.92288	38.92956	NJ	35	-3.08	-75.08624	38.78272	DE
4334	-4.24	-74.94537	38.93219	NJ	4406	0.23	-74.92346	38.92954	NJ	36	-3.12	-75.08614	38.78227	DE
4335	-4.26	-74.94595	38.93218	NJ	4407	0.25	-74.92807	38.92953	NJ	37	-3.14	-75.08606	38.78182	DE
4336	-4.26	-74.94421	38.93218	NJ	4408	0.26	-74.92865	38.92952	NJ	38	-3.21	-75.08595	38.78138	DE
4337	-0.46	-74.90846	38.93214	NJ	4409	0.23	-74.92923	38.92951	NJ	39	-3.19	-75.08582	38.78094	DE
4338	-4.22	-74.94653	38.93213	NJ	4410	0.27	-74.92751	38.92951	NJ	40	-3.26	-75.08569	38.78049	DE
4339	-4.15	-74.9471	38.93209	NJ	4411	0.24	-74.92232	38.92948	NJ	41	-3.29	-75.08557	38.78005	DE
4340	-4.21	-74.94363	38.93209	NJ	4412	0.31	-74.92172	38.92948	NJ	42	-3.31	-75.08543	38.7796	DE
4341	-4.08	-74.94768	38.93208	NJ	4413	0.32	-74.92979	38.92947	NJ	43	-3.33	-75.08528	38.77916	DE
4342	-4.16	-74.94307	38.93206	NJ	4414	0.32	-74.92404	38.92946	NJ	44	-3.29	-75.08511	38.77872	DE
4343	-4.02	-74.94826	38.93204	NJ	4415	0.47	-74.92693	38.92945	NJ	45	-3.3	-75.08496	38.77828	DE
4344	-4.11	-74.94249	38.93202	NJ	4416	0.43	-74.93037	38.92935	NJ	46	-3.3	-75.08479	38.77784	DE
4345	-3.93	-74.94884	38.93198	NJ	4417	0.43	-74.92461	38.92935	NJ	47	-3.19	-75.08463	38.7774	DE
4346	-4.04	-74.94191	38.93198	NJ	4418	0.51	-74.92635	38.92932	NJ	48	-3.09	-75.08443	38.77696	DE
4347	-3.94	-74.94135	38.93195	NJ	4419	0.59	-74.92519	38.92926	NJ	49	-3.03	-75.08426	38.77652	DE
4348	-0.44	-74.90906	38.93194	NJ	4420	0.52	-74.93153	38.92922	NJ	50	-3	-75.08408	38.77608	DE
4349	-3.84	-74.94942	38.93192	NJ	4421	0.52	-74.93095	38.92921	NJ	51	-2.94	-75.08391	38.77564	DE
4350	-3.85	-74.94077	38.9319	NJ	4422	0.78	-74.92577	38.92917	NJ	52	-2.85	-75.08369	38.7752	DE
4351	-3.7	-74.95	38.93188	NJ	4423	0.58	-74.93211	38.92914	NJ	53	-2.78	-75.08354	38.77476	DE
4352	-3.57	-74.95056	38.93184	NJ	4424	0.67	-74.93269	38.92903	NJ	54	-2.7	-75.08339	38.77431	DE
4353	-3.8	-74.94019	38.93183	NJ	4425	0.74	-74.93326	38.92893	NJ	55	-2.63	-75.08324	38.77387	DE
4354	-3.55	-74.95114	38.93181	NJ	4426	0.83	-74.93384	38.92883	NJ	56	-2.54	-75.08302	38.77343	DE
4355	-3.71	-74.93961	38.93176	NJ	4427	0.89	-74.93442	38.92875	NJ	57	-2.51	-75.08289	38.77299	DE
4356	-3.51	-74.95172	38.93175	NJ	4428	1.36	-74.935	38.92823	NJ	58	-2.54	-75.08284	38.77254	DE
4357	-0.43	-74.90962	38.93175	NJ	4429	-0.7	-74.98333	39.01667	NJ	59	-2.49	-75.08276	38.7721	DE
4358	-3.61	-74.93903	38.93171	NJ	4430	0.3	-74.96667	39.06667	NJ	60	-2.38	-75.08261	38.77165	DE
4359	-3.41	-74.95229	38.9317	NJ	4431	-0.1	-74.93333	39.11666	NJ	61	-2.29	-75.08244	38.77121	DE
4360	-3.47	-74.93845	38.93168	NJ	4432	-2	-74.91666	39.16667	NJ	62	-2.25	-75.08241	38.77076	DE
4361	-3.31	-74.95287	38.93161	NJ	4433	-2	-74.95	39.21667	NJ	63	-2.27	-75.08247	38.77031	DE
4362	-3.28	-74.93788	38.9316	NJ	4434	-2	-75	39.21667	NJ	64	-2.3	-75.08247	38.76985	DE
4363	-3.18	-74.95345	38.93156	NJ	4435	-0.1	-75.05	39.21667	NJ	65	-2.28	-75.08247	38.7694	DE
4364	-0.37	-74.9102	38.93155	NJ	4436	-3	-75.1	39.21667	NJ	66	-2.31	-75.0825	38.76895	DE
4365	0.48	-74.90732	38.93155	NJ	4437	-3	-75.15	39.21667	NJ	67	-2.26	-75.08247	38.7685	DE
4366	-3.08	-74.95403	38.9315	NJ	4438	-3	-75.2	39.21667	NJ	68	-2.23	-75.08237	38.76805	DE
4367	-2.63	-74.95747	38.93145	NJ	4439	-3	-75.2	39.26667	NJ	69	-2.16	-75.08223	38.76761	DE
4368	-2.91	-74.95461	38.93145	NJ	4440	-3	-75.25	39.3	NJ	70	-1.98	-75.08194	38.76718	DE
4369	-3.06	-74.9373	38.93145	NJ	4441	-3	-75.3	39.31667	NJ	71	-1.95	-75.08191	38.76673	DE
4370	-2.49	-74.95805	38.93144	NJ	4442	-3	-75.43333	39.25	NJ	72	-1.9	-75.08188	38.76628	DE
4371	-2.72	-74.95691	38.93142	NJ	1	-3	-75.43333	39.2	DE	73	-1.82	-75.0818	38.76583	DE
4372	-2.33	-74.95863	38.93141	NJ	2	-3	-75.43333	39.15	DE	74	-1.83	-75.0818	38.76538	DE
4373	-0.36	-74.91077	38.93136	NJ	3	-1.5	-75.43333	39.1	DE	75	-1.92	-75.08182	38.76493	DE
4374	-2.8	-74.95518	38.93134	NJ	4	-1.5	-75.43333	39.05	DE	76	-1.97	-75.08182	38.76447	DE
4375	-2.14	-74.95921	38.93133	NJ	5	-1.5	-75.35	39.05	DE	77	-1.95	-75.08174	38.76403	DE
4376	-1.92	-74.95979	38.93124	NJ	6	-1.5	-75.33334	39	DE	78	-2.07	-75.08182	38.76357	DE
4377	-2.64	-74.93672	38.93124	NJ	7	-1.5	-75.33334	38.95	DE	79	-2.15	-75.08186	38.76311	DE
4378	-2.73	-74.95575	38.93123	NJ	8	-1.5	-75.3	38.9	DE	80	-2.25	-75.08192	38.76266	DE
4379	-0.34	-74.91135	38.93122	NJ	9	-1.5	-75.25	38.86666	DE	81	-2.31	-75.08195	38.7622	DE
4380	-2.72	-74.95633	38.93121	NJ	10	-1.5	-75.2	38.83333	DE	82	-2.35	-75.082	38.76175	DE
4381	-1.65	-74.96037	38.93111	NJ	11	NA	-75.15	38.81667	DE	83	-2.35	-75.082	38.7613	DE
4382	-0.34	-74.91193	38.9311	NJ	12	-0.96	-75.08836	38.79297	DE	84	-2.42	-75.08203	38.76084	DE
4383	-2.19	-74.93616	38.93097	NJ	13	-1.37	-75.08823	38.79253	DE	85	-2.5	-75.08208	38.76039	DE
4384	-1.34	-74.96094	38.93095	NJ	14	-1.57	-75.0881	38.79208	DE	86	-2.47	-75.08208	38.75994	DE
4385	-0.24	-74.91251	38.93092	NJ	15	-1.77	-75.088	38.79164	DE	87	-2.49	-75.08205	38.75949	DE
4386	-0.7	-74.9621	38.93091	NJ	16	-1.93	-75.08788	38.7912	DE	88	-2.53	-75.08206	38.75903	DE
4387	-0.41	-74.91367	38.93087	NJ	17	-2.01	-75.08775	38.79075	DE	89	-2.54	-75.08203	38.75858	DE
4388	-0.95	-74.96152	38.93086	NJ	18	-2.08	-75.08765	38.79031	DE	90	-2.54	-75.08195	38.75814	DE
4389	-0.37	-74.96268	38.93085	NJ	19	-2.11	-75.08755	38.78986	DE	91	-2.54	-75.08191	38.75769	DE
4390	-0.42	-74.91423	38.93079	NJ	20	-2.18	-75.08743	38.78942	DE	92	-2.48	-75.08179	38.75724	DE
4391	-0.43	-74.91481	38.9307	NJ	21	-2.24	-75.08736	38.78897	DE	93	-2.45	-75.08173	38.7568	DE
4392	-0.42	-74.91539	38.93061	NJ	22	-2.28	-75.08727	38.78852	DE	94	-2.41	-75.08162	38.75635	DE

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
95	-2.32	-75.08147	38.75591	DE	167	-0.94	-75.07701	38.72366	DE	239	-0.71	-75.07169	38.69133	DE
96	-2.19	-75.08127	38.75547	DE	168	-0.92	-75.07693	38.72321	DE	240	-0.73	-75.07156	38.69089	DE
97	-2.1	-75.08118	38.75502	DE	169	-0.85	-75.07681	38.72277	DE	241	-0.72	-75.07146	38.69045	DE
98	-2.08	-75.08115	38.75457	DE	170	-0.87	-75.07672	38.72232	DE	242	-0.69	-75.07137	38.69	DE
99	-2.1	-75.08113	38.75412	DE	171	-0.87	-75.07666	38.72187	DE	243	-0.69	-75.07123	38.68956	DE
100	-2.25	-75.08119	38.75367	DE	172	-0.86	-75.0766	38.72143	DE	244	-0.69	-75.07112	38.68911	DE
101	-2.16	-75.08113	38.75322	DE	173	-0.84	-75.07652	38.72098	DE	245	-0.61	-75.07098	38.68867	DE
102	-2.19	-75.08112	38.75277	DE	174	-0.83	-75.07639	38.72054	DE	246	-0.63	-75.07088	38.68823	DE
103	-2.18	-75.08107	38.75232	DE	175	-0.85	-75.07637	38.72008	DE	247	-0.64	-75.07074	38.68779	DE
104	-2.16	-75.08101	38.75187	DE	176	-0.82	-75.07629	38.71964	DE	248	-0.66	-75.07062	38.68734	DE
105	-2.16	-75.08101	38.75142	DE	177	-0.82	-75.07623	38.71919	DE	249	-0.71	-75.07053	38.6869	DE
106	-2.19	-75.08096	38.75097	DE	178	-0.76	-75.07611	38.71875	DE	250	-0.71	-75.07039	38.68645	DE
107	-2.21	-75.08093	38.75052	DE	179	-0.76	-75.07602	38.7183	DE	251	-0.71	-75.07027	38.68601	DE
108	-2.21	-75.0809	38.75007	DE	180	-0.75	-75.07596	38.71785	DE	252	-0.71	-75.07014	38.68557	DE
109	-2.2	-75.08086	38.74962	DE	181	-0.82	-75.07591	38.7174	DE	253	-0.77	-75.07005	38.68512	DE
110	-2.22	-75.08086	38.74917	DE	182	-0.84	-75.07585	38.71696	DE	254	-0.79	-75.06996	38.68468	DE
111	-2.2	-75.08089	38.74872	DE	183	-0.79	-75.07571	38.71651	DE	255	-0.72	-75.06982	38.68423	DE
112	-2.26	-75.08086	38.74827	DE	184	-0.78	-75.07567	38.71606	DE	256	-0.67	-75.06976	38.68379	DE
113	-2.23	-75.08083	38.74782	DE	185	-0.75	-75.07559	38.71562	DE	257	-0.66	-75.06966	38.68334	DE
114	-2.21	-75.0808	38.74737	DE	186	-0.71	-75.0755	38.71517	DE	258	-0.66	-75.0696	38.68289	DE
115	-2.25	-75.08078	38.74691	DE	187	-0.64	-75.07542	38.71472	DE	259	-0.69	-75.06953	38.68245	DE
116	-2.21	-75.08075	38.74646	DE	188	-0.69	-75.07542	38.71427	DE	260	-0.67	-75.06947	38.682	DE
117	-2.18	-75.08072	38.74601	DE	189	-0.66	-75.07536	38.71382	DE	261	-0.66	-75.0694	38.68155	DE
118	-2.15	-75.0807	38.74556	DE	190	-0.62	-75.07527	38.71338	DE	262	-0.7	-75.06934	38.6811	DE
119	-2.17	-75.08064	38.74512	DE	191	-0.64	-75.07524	38.71293	DE	263	-0.71	-75.06927	38.68066	DE
120	-2.08	-75.08058	38.74467	DE	192	-0.64	-75.07516	38.71234	DE	264	-0.68	-75.0692	38.68021	DE
121	-2.06	-75.08054	38.74422	DE	193	-0.59	-75.07507	38.71189	DE	265	-0.66	-75.06912	38.67976	DE
122	-2.08	-75.08051	38.74377	DE	194	-0.57	-75.075	38.71145	DE	266	-0.7	-75.06903	38.67932	DE
123	-2.07	-75.08043	38.74332	DE	195	-0.56	-75.07494	38.711	DE	267	-0.69	-75.06894	38.67887	DE
124	-2.04	-75.08037	38.74287	DE	196	-0.58	-75.07489	38.71055	DE	268	-0.64	-75.06883	38.67843	DE
125	-2.01	-75.08032	38.74242	DE	197	-0.56	-75.07481	38.7101	DE	269	-0.65	-75.06876	38.67798	DE
126	-2.01	-75.08026	38.74198	DE	198	-0.58	-75.07478	38.70965	DE	270	-0.61	-75.06865	38.67754	DE
127	-1.99	-75.08022	38.74153	DE	199	-0.57	-75.07475	38.7092	DE	271	-0.65	-75.06857	38.67709	DE
128	-1.96	-75.08017	38.74108	DE	200	-0.58	-75.07471	38.70875	DE	272	-0.63	-75.06848	38.67664	DE
129	-1.96	-75.08012	38.74063	DE	201	-0.59	-75.07468	38.7083	DE	273	-0.62	-75.06839	38.6762	DE
130	-1.96	-75.08006	38.74018	DE	202	-0.61	-75.07465	38.70785	DE	274	-0.64	-75.06831	38.67575	DE
131	-1.93	-75.08002	38.73973	DE	203	-0.61	-75.0746	38.7074	DE	275	-0.62	-75.06824	38.6753	DE
132	-1.93	-75.07997	38.73928	DE	204	-0.61	-75.07455	38.70695	DE	276	-0.62	-75.06815	38.67486	DE
133	-1.88	-75.07986	38.73884	DE	205	-0.61	-75.07451	38.70651	DE	277	-0.66	-75.0681	38.67441	DE
134	-1.87	-75.07977	38.73839	DE	206	-0.64	-75.07446	38.70606	DE	278	-0.67	-75.06799	38.67396	DE
135	-1.67	-75.07944	38.73796	DE	207	-0.64	-75.0744	38.70561	DE	279	-0.64	-75.06795	38.67352	DE
136	-1.71	-75.07948	38.73751	DE	208	-0.65	-75.07434	38.70516	DE	280	-0.62	-75.06786	38.67307	DE
137	-1.73	-75.07947	38.73706	DE	209	-0.62	-75.0743	38.70471	DE	281	-0.65	-75.06778	38.67262	DE
138	-1.71	-75.07944	38.73661	DE	210	-0.63	-75.07425	38.70426	DE	282	-0.64	-75.06767	38.67218	DE
139	-1.71	-75.07939	38.73616	DE	211	-0.63	-75.07417	38.70382	DE	283	-0.59	-75.06761	38.67173	DE
140	-1.68	-75.07938	38.73571	DE	212	-0.62	-75.0741	38.70337	DE	284	-0.59	-75.06752	38.67129	DE
141	-1.64	-75.07935	38.73526	DE	213	-0.64	-75.07408	38.70292	DE	285	-0.65	-75.06746	38.67084	DE
142	-1.6	-75.07928	38.73481	DE	214	-0.63	-75.07394	38.70248	DE	286	-0.69	-75.0674	38.67039	DE
143	-1.63	-75.07925	38.73436	DE	215	-0.59	-75.07384	38.70203	DE	287	-0.68	-75.06735	38.66994	DE
144	-1.58	-75.07916	38.73391	DE	216	-0.59	-75.07378	38.70158	DE	288	-0.66	-75.06728	38.66949	DE
145	-1.52	-75.07912	38.73346	DE	217	-0.56	-75.07368	38.70114	DE	289	-0.7	-75.06725	38.66904	DE
146	-1.46	-75.07903	38.73302	DE	218	-0.6	-75.07362	38.70069	DE	290	-0.69	-75.06718	38.6686	DE
147	-1.39	-75.07889	38.73257	DE	219	-0.61	-75.07355	38.70024	DE	291	-0.71	-75.06715	38.66815	DE
148	-1.34	-75.07872	38.73213	DE	220	-0.62	-75.07344	38.6998	DE	292	-0.69	-75.06709	38.6677	DE
149	-1.22	-75.07851	38.7317	DE	221	-0.62	-75.07336	38.69935	DE	293	-0.71	-75.06706	38.66725	DE
150	-1.15	-75.07837	38.73125	DE	222	-0.62	-75.07329	38.69891	DE	294	-0.69	-75.06699	38.6668	DE
151	-1.17	-75.07831	38.7308	DE	223	-0.57	-75.07317	38.69846	DE	295	-0.66	-75.06696	38.66635	DE
152	-1.17	-75.07828	38.73036	DE	224	-0.59	-75.07307	38.69802	DE	296	-0.67	-75.06691	38.6659	DE
153	-1.13	-75.0782	38.72991	DE	225	-0.58	-75.07297	38.69757	DE	297	-0.66	-75.0668	38.66546	DE
154	-1.14	-75.07816	38.72946	DE	226	-0.6	-75.07292	38.69712	DE	298	-0.61	-75.06676	38.66501	DE
155	-1.13	-75.07809	38.72901	DE	227	-0.57	-75.07281	38.69668	DE	299	-0.59	-75.06673	38.66456	DE
156	-1.1	-75.07799	38.72857	DE	228	-0.6	-75.07274	38.69623	DE	300	-0.55	-75.06664	38.66411	DE
157	-1.02	-75.07785	38.72812	DE	229	-0.59	-75.07263	38.69579	DE	301	-0.51	-75.06654	38.66367	DE
158	-1.05	-75.07774	38.72768	DE	230	-0.59	-75.07257	38.69534	DE	302	-0.53	-75.06651	38.66322	DE
159	-1.09	-75.0777	38.72723	DE	231	-0.59	-75.07248	38.69489	DE	303	-0.49	-75.06641	38.66277	DE
160	-1.05	-75.07762	38.72678	DE	232	-0.58	-75.07239	38.69445	DE	304	-0.5	-75.06638	38.66232	DE
161	-1.03	-75.0775	38.72634	DE	233	-0.56	-75.0723	38.694	DE	305	-0.52	-75.06636	38.66187	DE
162	-0.99	-75.07739	38.72589	DE	234	-0.62	-75.07224	38.69356	DE	306	-0.5	-75.06633	38.66142	DE
163	-1.02	-75.07735	38.72544	DE	235	-0.62	-75.0721	38.69311	DE	307	-0.49	-75.06631	38.66097	DE
164	-0.99	-75.07729	38.725	DE	236	-0.65	-75.07202	38.69267	DE	308	-0.51	-75.06625	38.66052	DE
165	-1	-75.07721	38.72455	DE	237	-0.65	-75.07188	38.69222	DE	309	-0.48	-75.06619	38.66007	DE
166	-0.93	-75.07706	38.72411	DE	238	-0.67	-75.07179	38.69178	DE	310	-0.49	-75.06615	38.65962	DE

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
311	-0.47	-75.06606	38.65918	DE	383	-1.83	-75.06497	38.62668	DE	455	-0.69	-75.05911	38.59053	DE
312	-0.43	-75.06604	38.65873	DE	384	-1.84	-75.0649	38.62623	DE	456	-0.7	-75.05907	38.59008	DE
313	-0.43	-75.06598	38.65828	DE	385	-1.87	-75.06488	38.62578	DE	457	-0.69	-75.05901	38.58963	DE
314	-0.42	-75.06598	38.65783	DE	386	-1.83	-75.06479	38.62534	DE	458	-0.62	-75.05894	38.58918	DE
315	-0.42	-75.06595	38.65738	DE	387	-1.87	-75.06474	38.62489	DE	459	-0.63	-75.05888	38.58873	DE
316	-0.45	-75.06593	38.65693	DE	388	-1.9	-75.06471	38.62444	DE	460	-0.67	-75.05885	38.58828	DE
317	-0.48	-75.06593	38.65647	DE	389	-1.92	-75.06464	38.62399	DE	461	-0.64	-75.05879	38.58784	DE
318	-0.52	-75.06593	38.65602	DE	390	-1.93	-75.06458	38.62354	DE	462	-0.62	-75.05873	38.58739	DE
319	-0.55	-75.0659	38.65557	DE	391	-1.87	-75.06451	38.6231	DE	463	-0.64	-75.05869	38.58694	DE
320	-0.58	-75.06589	38.65512	DE	392	-1.95	-75.06447	38.62265	DE	464	-0.66	-75.05869	38.58649	DE
321	-0.64	-75.06592	38.65466	DE	393	-1.94	-75.06439	38.6222	DE	465	-0.67	-75.05865	38.58604	DE
322	-0.71	-75.06596	38.65421	DE	394	-1.92	-75.06435	38.62175	DE	466	-0.63	-75.05856	38.58559	DE
323	-0.73	-75.06593	38.65376	DE	395	-1.96	-75.06429	38.6213	DE	467	-0.64	-75.05852	38.58514	DE
324	-0.77	-75.06595	38.6533	DE	396	-2.01	-75.06422	38.62085	DE	468	-0.66	-75.05849	38.58469	DE
325	-0.81	-75.06593	38.65285	DE	397	-2.02	-75.06415	38.62041	DE	469	-0.7	-75.05846	38.58424	DE
326	-0.8	-75.06592	38.6524	DE	398	-2.09	-75.06413	38.61996	DE	470	-0.71	-75.05838	38.58379	DE
327	-0.81	-75.0659	38.65195	DE	399	-2.17	-75.0641	38.61951	DE	471	-0.7	-75.05833	38.58335	DE
328	-0.84	-75.06592	38.6515	DE	400	-2.24	-75.06409	38.61905	DE	472	-0.65	-75.05829	38.5829	DE
329	-0.8	-75.06589	38.65105	DE	401	-2.31	-75.06404	38.61861	DE	473	-0.61	-75.05824	38.58245	DE
330	-0.79	-75.06586	38.6506	DE	402	-2.43	-75.06403	38.61815	DE	474	-0.62	-75.05818	38.582	DE
331	-0.79	-75.06586	38.65014	DE	403	-2.45	-75.06398	38.61771	DE	475	-0.59	-75.05814	38.58155	DE
332	-0.74	-75.06584	38.64969	DE	404	-2.56	-75.06396	38.61725	DE	476	-0.59	-75.05807	38.5811	DE
333	-0.73	-75.06583	38.64924	DE	405	-2.6	-75.06392	38.6168	DE	477	-0.58	-75.05798	38.58065	DE
334	-0.71	-75.0658	38.64879	DE	406	-2.68	-75.06387	38.61635	DE	478	-0.53	-75.05792	38.58021	DE
335	-0.67	-75.06578	38.64834	DE	407	-2.7	-75.06383	38.61591	DE	479	-0.47	-75.05785	38.57976	DE
336	-0.67	-75.06577	38.64789	DE	408	-2.76	-75.0638	38.61546	DE	480	-0.46	-75.05775	38.57931	DE
337	-0.67	-75.0657	38.64744	DE	409	-2.8	-75.06378	38.61501	DE	481	-0.51	-75.05777	38.57886	DE
338	-0.67	-75.06564	38.64699	DE	410	-2.37	-75.06342	38.61154	DE	482	-0.44	-75.05769	38.57841	DE
339	-0.66	-75.06563	38.64654	DE	411	-2.35	-75.06326	38.61109	DE	483	-0.4	-75.05766	38.57796	DE
340	-0.6	-75.06554	38.6461	DE	412	-2.29	-75.06313	38.61065	DE	484	-0.4	-75.05763	38.57751	DE
341	-0.62	-75.06552	38.64564	DE	413	-2.19	-75.06294	38.61021	DE	485	-0.44	-75.0576	38.57706	DE
342	-0.6	-75.06549	38.64519	DE	414	-2.09	-75.06271	38.60977	DE	486	-0.48	-75.05757	38.57661	DE
343	-0.58	-75.06544	38.64474	DE	415	-2.03	-75.06245	38.60933	DE	487	-0.48	-75.05754	38.57616	DE
344	-0.52	-75.06538	38.6443	DE	416	-0.73	-75.06042	38.60897	DE	488	-0.46	-75.0575	38.57571	DE
345	-0.53	-75.0654	38.64384	DE	417	-0.02	-75.05913	38.60767	DE	489	-0.39	-75.05743	38.57526	DE
346	-0.51	-75.06535	38.64339	DE	418	-0.8	-75.06021	38.60717	DE	490	-0.33	-75.05737	38.57482	DE
347	-0.52	-75.06534	38.64294	DE	419	-0.95	-75.06026	38.60672	DE	491	-0.33	-75.05734	38.57437	DE
348	-0.48	-75.06532	38.64249	DE	420	-0.99	-75.06029	38.60627	DE	492	-0.3	-75.05734	38.57392	DE
349	-0.46	-75.06532	38.64204	DE	421	-0.98	-75.0603	38.60581	DE	493	-0.3	-75.05734	38.57346	DE
350	-0.46	-75.06532	38.64159	DE	422	-0.94	-75.06026	38.60537	DE	494	-0.32	-75.05734	38.57301	DE
351	-0.46	-75.06532	38.64113	DE	423	-0.91	-75.06017	38.60492	DE	495	-0.29	-75.05734	38.57256	DE
352	-0.48	-75.06532	38.64068	DE	424	-0.77	-75.06007	38.60447	DE	496	-0.26	-75.05733	38.57211	DE
353	-0.53	-75.06535	38.64023	DE	425	-0.72	-75.05997	38.60403	DE	497	-0.29	-75.05734	38.57166	DE
354	-0.51	-75.06538	38.63977	DE	426	-0.6	-75.05981	38.60358	DE	498	-0.3	-75.05733	38.57121	DE
355	-0.57	-75.06541	38.63932	DE	427	-0.51	-75.05968	38.60314	DE	499	-0.27	-75.0573	38.57076	DE
356	-0.59	-75.06541	38.63886	DE	428	-0.47	-75.05957	38.60269	DE	500	-0.21	-75.05725	38.57031	DE
357	-0.65	-75.06544	38.63841	DE	429	-0.48	-75.05956	38.60224	DE	501	-0.23	-75.05727	38.56986	DE
358	-0.7	-75.06546	38.63796	DE	430	-0.46	-75.05959	38.60179	DE	502	-0.2	-75.05717	38.56941	DE
359	-0.77	-75.06548	38.6375	DE	431	-0.49	-75.05962	38.60133	DE	503	-0.17	-75.05716	38.56896	DE
360	-0.8	-75.06549	38.63705	DE	432	-0.58	-75.05966	38.60088	DE	504	-0.17	-75.05716	38.56851	DE
361	-0.83	-75.06549	38.6366	DE	433	-0.62	-75.05969	38.60043	DE	505	-0.17	-75.05711	38.56806	DE
362	-0.88	-75.06549	38.63614	DE	434	-0.64	-75.05972	38.59998	DE	506	-0.23	-75.05713	38.56761	DE
363	-0.94	-75.06551	38.63569	DE	435	-0.67	-75.05975	38.59952	DE	507	-0.29	-75.05713	38.56716	DE
364	-1.02	-75.06552	38.63524	DE	436	-0.71	-75.05975	38.59907	DE	508	-0.3	-75.05707	38.56671	DE
365	-1.05	-75.06557	38.63478	DE	437	-0.69	-75.05974	38.59862	DE	509	-0.37	-75.05707	38.56626	DE
366	-1.11	-75.0656	38.63433	DE	438	-0.7	-75.05972	38.59817	DE	510	-0.34	-75.05701	38.56581	DE
367	-1.16	-75.0656	38.63387	DE	439	-0.69	-75.05971	38.59772	DE	511	-0.3	-75.05695	38.56536	DE
368	-1.19	-75.06561	38.63342	DE	440	-0.66	-75.05966	38.59727	DE	512	-0.23	-75.05692	38.56491	DE
369	-1.24	-75.0656	38.63297	DE	441	-0.65	-75.05966	38.59682	DE	513	-0.23	-75.05688	38.56446	DE
370	-1.31	-75.06557	38.63252	DE	442	-0.66	-75.05963	38.59637	DE	514	-0.19	-75.05688	38.56401	DE
371	-1.33	-75.06554	38.63207	DE	443	-0.63	-75.05959	38.59592	DE	515	-0.18	-75.0569	38.56356	DE
372	-1.4	-75.06555	38.63161	DE	444	-0.59	-75.05951	38.59547	DE	516	-0.18	-75.05693	38.56311	DE
373	-1.48	-75.06554	38.63116	DE	445	-0.58	-75.05945	38.59503	DE	517	-0.21	-75.05693	38.56265	DE
374	-1.52	-75.06549	38.63071	DE	446	-0.55	-75.05939	38.59458	DE	518	-0.2	-75.05695	38.5622	DE
375	-1.55	-75.06541	38.63027	DE	447	-0.52	-75.05933	38.59413	DE	519	-0.21	-75.05701	38.56175	DE
376	-1.6	-75.06535	38.62982	DE	448	-0.51	-75.0593	38.59368	DE	520	-0.23	-75.05698	38.5613	DE
377	-1.64	-75.06531	38.62937	DE	449	-0.51	-75.05928	38.59323	DE	521	-0.26	-75.05702	38.56085	DE
378	-1.63	-75.06522	38.62892	DE	450	-0.55	-75.05927	38.59278	DE	522	-0.28	-75.05704	38.56039	DE
379	-1.67	-75.06522	38.62847	DE	451	-0.59	-75.0592	38.59233	DE	523	-0.28	-75.05702	38.55994	DE
380	-1.71	-75.06514	38.62803	DE	452	-0.62	-75.05917	38.59188	DE	524	-0.3	-75.05702	38.55949	DE
381	-1.75	-75.06509	38.62758	DE	453	-0.69	-75.05917	38.59143	DE	525	-0.35	-75.05701	38.55904	DE
382	-1.77	-75.06503	38.62713	DE	454	-0.67	-75.05911	38.59098	DE	526	-0.44	-75.05702	38.55859	DE

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
527	-0.48	-75.05701	38.55814	DE	599	-0.81	-75.0533	38.52492	DE	671	-0.95	-75.05093	38.49254	DE
528	-0.78	-75.05693	38.55679	DE	600	-0.84	-75.05327	38.52447	DE	672	-0.97	-75.0509	38.49209	DE
529	-0.87	-75.05695	38.55634	DE	601	-0.88	-75.05325	38.52402	DE	673	-1	-75.05089	38.49164	DE
530	-0.89	-75.05693	38.55589	DE	602	-0.89	-75.05322	38.52357	DE	674	-0.98	-75.05087	38.49119	DE
531	-0.95	-75.05688	38.55544	DE	603	-0.94	-75.05316	38.52312	DE	675	-1.05	-75.05086	38.49074	DE
532	-0.93	-75.05682	38.55499	DE	604	-0.97	-75.05312	38.52267	DE	676	-1.04	-75.05084	38.49029	DE
533	-0.97	-75.05681	38.55454	DE	605	-0.92	-75.05312	38.52222	DE	677	-1.06	-75.05084	38.48984	DE
534	-0.96	-75.05673	38.55409	DE	606	-0.95	-75.05309	38.52177	DE	678	-1.1	-75.0508	38.48939	DE
535	-0.97	-75.05669	38.55364	DE	607	-0.99	-75.05305	38.52132	DE	679	-1.16	-75.05077	38.48894	DE
536	-0.95	-75.05666	38.55319	DE	608	-1.01	-75.05305	38.52087	DE	680	-1.19	-75.05077	38.48849	DE
537	-1.01	-75.05664	38.55274	DE	609	-1.06	-75.05302	38.52042	DE	681	-1.22	-75.05078	38.48804	DE
538	-1	-75.05663	38.55229	DE	610	-1	-75.05299	38.51997	DE	682	-1.19	-75.0507	38.48759	DE
539	-1.02	-75.05659	38.55184	DE	611	-0.97	-75.05296	38.51952	DE	683	-1.17	-75.05064	38.48714	DE
540	-1.08	-75.05656	38.55139	DE	612	-0.91	-75.05295	38.51907	DE	684	-1.17	-75.0506	38.48669	DE
541	-1.05	-75.05653	38.55094	DE	613	-0.88	-75.05293	38.51862	DE	685	-1.11	-75.05051	38.48625	DE
542	-1.03	-75.05647	38.55049	DE	614	-0.84	-75.05292	38.51817	DE	686	-1.15	-75.05051	38.48579	DE
543	-0.96	-75.05637	38.55005	DE	615	-0.83	-75.05289	38.51772	DE	687	-1.16	-75.05049	38.48534	DE
544	-0.98	-75.05627	38.5496	DE	616	-0.91	-75.05286	38.51727	DE	688	-1.2	-75.05048	38.48489	DE
545	-0.87	-75.05617	38.54915	DE	617	-0.77	-75.05286	38.51682	DE	689	-1.16	-75.05046	38.48444	DE
546	-0.81	-75.05602	38.54871	DE	618	-0.9	-75.05286	38.51637	DE	690	-1.13	-75.05042	38.48399	DE
547	-0.84	-75.05589	38.54826	DE	619	-0.81	-75.05284	38.51592	DE	691	-1.19	-75.05042	38.48354	DE
548	-0.8	-75.05582	38.54782	DE	620	-0.86	-75.05283	38.51547	DE	692	-1.16	-75.05037	38.48309	DE
549	-0.78	-75.05568	38.54737	DE	621	-0.85	-75.0528	38.51502	DE	693	-1.19	-75.05035	38.48264	DE
550	-0.69	-75.05553	38.54693	DE	622	-0.94	-75.05289	38.51456	DE	694	-1.17	-75.05034	38.48219	DE
551	-0.65	-75.0554	38.54648	DE	623	-0.97	-75.05289	38.51411	DE	695	-1.2	-75.05031	38.48174	DE
552	-0.7	-75.05531	38.54603	DE	624	-1.01	-75.05286	38.51366	DE	696	-1.15	-75.05023	38.48129	DE
553	-0.58	-75.05518	38.54559	DE	625	-0.97	-75.05283	38.51321	DE	697	-1.16	-75.05016	38.48085	DE
554	-0.58	-75.05507	38.54514	DE	626	-0.97	-75.05278	38.51276	DE	698	-1.14	-75.05016	38.4804	DE
555	-0.63	-75.05498	38.5447	DE	627	-0.97	-75.05273	38.51231	DE	699	-1.13	-75.05009	38.47995	DE
556	-0.6	-75.05482	38.54425	DE	628	-0.96	-75.05275	38.51186	DE	700	-1.15	-75.05005	38.4795	DE
557	-0.63	-75.0547	38.54381	DE	629	-1.01	-75.05273	38.51141	DE	701	-1.16	-75.05	38.47905	DE
558	-0.69	-75.05463	38.54336	DE	630	-1.06	-75.05272	38.51096	DE	702	-1.11	-75.04996	38.4786	DE
559	-0.72	-75.0545	38.54291	DE	631	-1.05	-75.05264	38.51051	DE	703	-1.11	-75.04997	38.47815	DE
560	-0.8	-75.05446	38.54246	DE	632	-1.08	-75.05264	38.51006	DE	704	-1.07	-75.04994	38.4777	DE
561	-0.84	-75.05441	38.54201	DE	633	-1.12	-75.05264	38.50961	DE	705	-1.08	-75.04991	38.47725	DE
562	-0.91	-75.05429	38.54157	DE	634	-1.15	-75.05263	38.50916	DE	706	-1.08	-75.0499	38.4768	DE
563	-0.95	-75.05428	38.54112	DE	635	-1.13	-75.05263	38.50871	DE	707	-1.12	-75.04988	38.47635	DE
564	-0.92	-75.05423	38.54067	DE	636	-1.18	-75.05264	38.50826	DE	708	-1.1	-75.04984	38.4759	DE
565	-0.99	-75.05421	38.54022	DE	637	-1.12	-75.05261	38.50781	DE	709	-1.07	-75.04984	38.47545	DE
566	-1.03	-75.05412	38.53977	DE	638	-1.15	-75.05254	38.50736	DE	710	-1.09	-75.0498	38.475	DE
567	-0.98	-75.05402	38.53932	DE	639	-1.16	-75.05252	38.50691	DE	711	-1.03	-75.04976	38.47455	DE
568	-1.06	-75.05402	38.53887	DE	640	-1.15	-75.05246	38.50646	DE	712	-1.06	-75.04973	38.4741	DE
569	-1.02	-75.05399	38.53842	DE	641	-1.2	-75.05243	38.50601	DE	713	-1.04	-75.04971	38.47365	DE
570	-1.1	-75.05397	38.53797	DE	642	-1.16	-75.05235	38.50556	DE	714	-1.02	-75.04971	38.4732	DE
571	-1.01	-75.05396	38.53752	DE	643	-1.19	-75.05229	38.50511	DE	715	-1.06	-75.04968	38.47275	DE
572	-1.08	-75.05396	38.53707	DE	644	-1.14	-75.05223	38.50467	DE	716	-1.09	-75.04968	38.4723	DE
573	-1.05	-75.05394	38.53662	DE	645	-1.01	-75.05217	38.50422	DE	717	-1.06	-75.04968	38.47184	DE
574	-1.05	-75.05396	38.53617	DE	646	-1.04	-75.05212	38.50377	DE	718	-1.05	-75.04967	38.47139	DE
575	-1.06	-75.05392	38.53572	DE	647	-1.08	-75.05209	38.50332	DE	719	-1.07	-75.04965	38.47094	DE
576	-1.05	-75.05388	38.53527	DE	648	-1.12	-75.05206	38.50287	DE	720	-1.07	-75.04964	38.47049	DE
577	-1.04	-75.05392	38.53482	DE	649	-0.97	-75.05186	38.50243	DE	721	-1.07	-75.04962	38.47004	DE
578	-1.12	-75.05391	38.53437	DE	650	-0.95	-75.05183	38.50198	DE	722	-1.04	-75.04961	38.46959	DE
579	-1.16	-75.05391	38.53392	DE	651	-0.93	-75.05176	38.50153	DE	723	-1.05	-75.04958	38.46914	DE
580	-1.17	-75.05392	38.53346	DE	652	-0.94	-75.05173	38.50108	DE	724	-1.06	-75.04956	38.46869	DE
581	-1.21	-75.05391	38.53301	DE	653	-0.93	-75.0517	38.50063	DE	725	-1.12	-75.04955	38.46824	DE
582	-1.23	-75.05391	38.53256	DE	654	-0.97	-75.05168	38.50018	DE	726	-1.14	-75.04955	38.46779	DE
583	-1.18	-75.05389	38.53211	DE	655	-0.95	-75.05164	38.49973	DE	727	-1.15	-75.04956	38.46734	DE
584	-1.18	-75.05389	38.53166	DE	656	-0.88	-75.05161	38.49928	DE	728	-1.14	-75.04959	38.46689	DE
585	-1.18	-75.05386	38.53121	DE	657	-0.92	-75.05153	38.49883	DE	729	-1.15	-75.04959	38.46643	DE
586	-1.16	-75.05386	38.53076	DE	658	-0.93	-75.0515	38.49838	DE	730	-1.28	-75.04958	38.46598	DE
587	-1.13	-75.05383	38.53031	DE	659	-0.98	-75.05147	38.49793	DE	731	-1.33	-75.04958	38.46553	DE
588	-1.11	-75.0538	38.52986	DE	660	-0.94	-75.05141	38.49748	DE	732	-1.24	-75.04958	38.46508	DE
589	-1.09	-75.05377	38.52941	DE	661	-0.88	-75.05138	38.49703	DE	733	-1.18	-75.04953	38.46463	DE
590	-1.03	-75.05371	38.52896	DE	662	-0.91	-75.05135	38.49658	DE	734	-1.12	-75.04948	38.46418	DE
591	-1.02	-75.05363	38.52851	DE	663	-0.98	-75.05133	38.49613	DE	735	-1.23	-75.04951	38.46373	DE
592	-0.94	-75.05354	38.52807	DE	664	-0.92	-75.05124	38.49569	DE	736	-1.34	-75.04951	38.46328	DE
593	-0.99	-75.05351	38.52762	DE	665	-0.9	-75.05119	38.49524	DE	737	-1.38	-75.04955	38.46283	DE
594	-0.9	-75.05347	38.52717	DE	666	-0.9	-75.05112	38.49479	DE	738	-1.38	-75.04951	38.46238	DE
595	-0.88	-75.05342	38.52672	DE	667	-0.89	-75.05107	38.49434	DE	739	-1.31	-75.04955	38.46192	DE
596	-0.92	-75.05341	38.52627	DE	668	-0.89	-75.05103	38.49389	DE	740	-1.18	-75.04953	38.46147	DE
597	-0.85	-75.05334	38.52582	DE	669	-0.87	-75.05098	38.49344	DE	741	-1.26	-75.04955	38.46102	DE
598	-0.81	-75.05328	38.52537	DE	670	-0.97	-75.05095	38.49299	DE	742	-1.23	-75.04951	38.46057	DE

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
743	-1.12	-75.04955	38.46012	DE	52	-0.6	-75.0485	38.4282	MD	124	-1.6	-75.0563	38.3959	MD
744	-1.12	-75.04955	38.45967	DE	53	-0.4	-75.0486	38.4277	MD	125	-1.5	-75.0564	38.3955	MD
745	-1.13	-75.04958	38.45922	DE	54	-0.1	-75.0487	38.4273	MD	126	-1.3	-75.0566	38.395	MD
746	-1.18	-75.04961	38.45876	DE	55	-0.3	-75.0487	38.4268	MD	127	-1.4	-75.0567	38.3946	MD
747	-1.13	-75.04959	38.45831	DE	56	-0.5	-75.0488	38.4264	MD	128	-1.5	-75.0568	38.3941	MD
748	-1.11	-75.04958	38.45786	DE	57	-0.5	-75.0489	38.4259	MD	129	-1.4	-75.057	38.3936	MD
749	-1.09	-75.04958	38.45741	DE	58	-0.5	-75.049	38.4254	MD	130	-1.3	-75.0571	38.3932	MD
750	-1.07	-75.04961	38.45696	DE	59	-0.7	-75.0491	38.425	MD	131	-1.3	-75.0572	38.3927	MD
751	-1.1	-75.04964	38.45651	DE	60	-0.8	-75.0492	38.4245	MD	132	-1.3	-75.0574	38.3923	MD
752	-1.05	-75.04961	38.45606	DE	61	-0.8	-75.0493	38.4241	MD	133	-1.3	-75.0575	38.3918	MD
753	-1.05	-75.04961	38.45561	DE	62	-0.9	-75.0494	38.4236	MD	134	-1.3	-75.0576	38.3914	MD
754	-1.1	-75.04962	38.45515	DE	63	-0.9	-75.0494	38.4231	MD	135	-1.4	-75.0578	38.3909	MD
755	-1.16	-75.0497	38.4547	DE	64	-0.9	-75.0495	38.4227	MD	136	-1.5	-75.0579	38.3905	MD
756	-1.17	-75.04971	38.45425	DE	65	-0.9	-75.0496	38.4222	MD	137	-1.5	-75.058	38.39	MD
757	-1.17	-75.04973	38.4538	DE	66	-0.9	-75.0497	38.4218	MD	138	-1.4	-75.0582	38.3895	MD
758	-1.2	-75.04974	38.45334	DE	67	-0.7	-75.0498	38.4213	MD	139	-1.4	-75.0583	38.3891	MD
759	-1.15	-75.04974	38.45289	DE	68	-0.5	-75.0499	38.4208	MD	140	-1.3	-75.0584	38.3886	MD
760	-1.16	-75.0498	38.45244	DE	69	-0.6	-75.05	38.4204	MD	141	-1.1	-75.0586	38.3882	MD
761	-1.2	-75.04985	38.45199	DE	70	-0.7	-75.0501	38.4199	MD	142	-0.9	-75.0587	38.3877	MD
762	-1.23	-75.0499	38.45153	DE	71	-0.6	-75.0501	38.4195	MD	143	-0.7	-75.0588	38.3873	MD
763	-1.19	-75.04993	38.45108	DE	72	-0.5	-75.0502	38.419	MD	144	-0.6	-75.059	38.3868	MD
1	-0.6	-75.0454	38.4511	MD	73	-0.5	-75.0503	38.4185	MD	145	-0.6	-75.0591	38.3863	MD
2	-0.7	-75.0454	38.4507	MD	74	-0.6	-75.0504	38.4181	MD	146	-0.5	-75.0592	38.3859	MD
3	-0.6	-75.0454	38.4502	MD	75	-0.6	-75.0505	38.4176	MD	147	-0.4	-75.0594	38.3854	MD
4	-0.5	-75.0454	38.4497	MD	76	-0.6	-75.0506	38.4171	MD	148	-0.2	-75.0595	38.385	MD
5	-0.6	-75.0454	38.4493	MD	77	-0.6	-75.0507	38.4167	MD	149	-0.2	-75.0596	38.3845	MD
6	-0.7	-75.0454	38.4488	MD	78	-0.6	-75.0508	38.4162	MD	150	-0.1	-75.0598	38.3841	MD
7	-0.5	-75.0454	38.4483	MD	79	-0.5	-75.0508	38.4158	MD	151	-0.1	-75.0599	38.3836	MD
8	-0.4	-75.0454	38.4479	MD	80	-0.5	-75.0509	38.4153	MD	152	-0.1	-75.06	38.3832	MD
9	-0.5	-75.0455	38.4474	MD	81	-0.6	-75.051	38.4148	MD	153	0.2	-75.0602	38.3827	MD
10	-0.5	-75.0455	38.4469	MD	82	-0.7	-75.0511	38.4144	MD	154	0.4	-75.0603	38.3822	MD
11	-0.5	-75.0455	38.4465	MD	83	-0.8	-75.0512	38.4139	MD	155	0.5	-75.0604	38.3818	MD
12	-0.4	-75.0455	38.446	MD	84	-0.9	-75.0513	38.4135	MD	156	0.5	-75.0606	38.3813	MD
13	-0.4	-75.0455	38.4456	MD	85	-1	-75.0514	38.413	MD	157	0.5	-75.0607	38.3809	MD
14	-0.5	-75.0455	38.4451	MD	86	-1.2	-75.0515	38.4125	MD	158	0.5	-75.0608	38.3804	MD
15	-0.4	-75.0455	38.4446	MD	87	-1.1	-75.0515	38.4121	MD	159	0.5	-75.061	38.38	MD
16	-0.4	-75.0455	38.4442	MD	88	-1.1	-75.0516	38.4116	MD	160	0.2	-75.061	38.38	MD
17	-0.4	-75.0456	38.4437	MD	89	-1.2	-75.0517	38.4112	MD	161	0.4	-75.0611	38.3795	MD
18	-0.3	-75.0456	38.4432	MD	90	-1.1	-75.0519	38.411	MD	162	0	-75.0611	38.3795	MD
19	-0.2	-75.0456	38.4428	MD	91	-1.3	-75.0518	38.4107	MD	163	0	-75.0613	38.3791	MD
20	-0.3	-75.0458	38.4425	MD	92	-1.2	-75.052	38.4105	MD	164	0.1	-75.0614	38.3786	MD
21	0	-75.0456	38.4423	MD	93	-1.3	-75.0521	38.4101	MD	165	0	-75.0616	38.3782	MD
22	-0.4	-75.0459	38.442	MD	94	-1.3	-75.0523	38.4096	MD	166	-0.2	-75.0617	38.3777	MD
23	-0.5	-75.0459	38.4416	MD	95	-1.2	-75.0524	38.4092	MD	167	-0.1	-75.0618	38.3773	MD
24	-0.5	-75.046	38.4411	MD	96	-1	-75.0525	38.4087	MD	168	-0.1	-75.062	38.3768	MD
25	-0.5	-75.0461	38.4406	MD	97	-0.9	-75.0527	38.4082	MD	169	-0.1	-75.0621	38.3764	MD
26	-0.5	-75.0462	38.4402	MD	98	-0.7	-75.0528	38.4078	MD	170	-0.1	-75.0623	38.3759	MD
27	-0.5	-75.0463	38.4397	MD	99	-0.6	-75.0529	38.4073	MD	171	-0.2	-75.0624	38.3755	MD
28	-0.3	-75.0464	38.4393	MD	100	-0.6	-75.0531	38.4069	MD	172	-0.2	-75.0626	38.375	MD
29	-0.5	-75.0465	38.4388	MD	101	-0.6	-75.0532	38.4064	MD	173	0	-75.0627	38.3746	MD
30	-0.7	-75.0466	38.4383	MD	102	-0.5	-75.0533	38.406	MD	174	0.1	-75.0629	38.3741	MD
31	-0.8	-75.0466	38.4379	MD	103	-0.6	-75.0535	38.4055	MD	175	0.1	-75.063	38.3737	MD
32	-0.8	-75.0467	38.4374	MD	104	-0.7	-75.0536	38.4051	MD	176	0.1	-75.0631	38.3732	MD
33	-0.6	-75.0468	38.437	MD	105	-0.9	-75.0537	38.4046	MD	177	0	-75.0633	38.3728	MD
34	-0.4	-75.0469	38.4365	MD	106	-1	-75.0539	38.4041	MD	178	-0.1	-75.0634	38.3723	MD
35	-0.6	-75.047	38.436	MD	107	-1	-75.054	38.4037	MD	179	-0.1	-75.0636	38.3719	MD
36	-0.7	-75.0471	38.4356	MD	108	-1.1	-75.0541	38.4032	MD	180	-0.1	-75.0637	38.3714	MD
37	-0.8	-75.0472	38.4351	MD	109	-1.2	-75.0543	38.4028	MD	181	-0.2	-75.0639	38.371	MD
38	-0.8	-75.0473	38.4346	MD	110	-1.3	-75.0544	38.4023	MD	182	-0.3	-75.064	38.3705	MD
39	-0.7	-75.0473	38.4342	MD	111	-1.3	-75.0545	38.4019	MD	183	-0.2	-75.0641	38.37	MD
40	-0.6	-75.0474	38.4337	MD	112	-1.2	-75.0547	38.4014	MD	184	-0.2	-75.0643	38.3696	MD
41	-0.7	-75.0475	38.4333	MD	113	-1.3	-75.0548	38.4009	MD	185	-0.2	-75.0644	38.3691	MD
42	-0.8	-75.0476	38.4328	MD	114	-1.4	-75.0549	38.4005	MD	186	-0.2	-75.0646	38.3687	MD
43	-0.8	-75.0477	38.4323	MD	115	-1.3	-75.0551	38.4	MD	187	-0.3	-75.0647	38.3682	MD
44	-0.9	-75.0478	38.4319	MD	116	-1.3	-75.0552	38.3996	MD	188	-0.4	-75.0649	38.3678	MD
45	-0.8	-75.0479	38.4314	MD	117	-1.5	-75.0553	38.3991	MD	189	-0.3	-75.065	38.3673	MD
46	-0.7	-75.048	38.431	MD	118	-1.6	-75.0555	38.3987	MD	190	-0.1	-75.0652	38.3669	MD
47	-0.7	-75.048	38.4305	MD	119	-1.7	-75.0556	38.3982	MD	191	-0.2	-75.0653	38.3664	MD
48	-0.7	-75.0481	38.43	MD	120	-1.7	-75.0557	38.3978	MD	192	-0.2	-75.0654	38.366	MD
49	-0.6	-75.0482	38.4296	MD	121	-1.6	-75.0559	38.3973	MD	193	-0.3	-75.0656	38.3655	MD
50	-0.5	-75.0483	38.4291	MD	122	-1.6	-75.056	38.3968	MD	194	-0.3	-75.0657	38.3651	MD
51	-0.5	-75.0484	38.4287	MD	123	-1.6	-75.0561	38.3964	MD	195	-0.3	-75.0659	38.3646	MD

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
196	-0.3	-75.066	38.3642	MD	268	1.2	-75.0791	38.3327	MD	340	-8.8	-75.101	38.3021	MD
197	-0.3	-75.0662	38.3637	MD	269	1.4	-75.0793	38.3323	MD	341	-9.3	-75.0999	38.3017	MD
198	-0.2	-75.0663	38.3633	MD	270	1.6	-75.0795	38.3319	MD	342	-8.7	-75.1012	38.3017	MD
199	-0.2	-75.0664	38.3628	MD	271	1.9	-75.0797	38.3314	MD	343	-9.4	-75.1002	38.3013	MD
200	-0.2	-75.0666	38.3624	MD	272	2.1	-75.0799	38.331	MD	344	-8.8	-75.1013	38.3013	MD
201	-0.1	-75.0667	38.3619	MD	273	2.2	-75.0801	38.3306	MD	345	-8.9	-75.1015	38.3008	MD
202	0	-75.0669	38.3615	MD	274	2.3	-75.0804	38.3301	MD	346	-8.7	-75.1017	38.3004	MD
203	0	-75.067	38.361	MD	275	2.4	-75.0806	38.3297	MD	347	-8.5	-75.1018	38.2999	MD
204	0.1	-75.0672	38.3606	MD	276	2.5	-75.0808	38.3292	MD	348	-8.4	-75.102	38.2995	MD
205	0.1	-75.0673	38.3601	MD	277	2.7	-75.081	38.3288	MD	349	-8.3	-75.1022	38.299	MD
206	0	-75.0675	38.3597	MD	278	3	-75.0812	38.3284	MD	350	-8.3	-75.1023	38.2986	MD
207	0	-75.0676	38.3592	MD	279	3.3	-75.0814	38.3279	MD	351	-8.2	-75.1025	38.2981	MD
208	0	-75.0677	38.3587	MD	280	3.5	-75.0817	38.3275	MD	352	-8.1	-75.1027	38.2977	MD
209	0	-75.0679	38.3583	MD	281	3.7	-75.0819	38.3271	MD	353	-8.1	-75.1028	38.2973	MD
210	-0.1	-75.068	38.3578	MD	282	3.8	-75.0821	38.3266	MD	354	-8	-75.103	38.2968	MD
211	0	-75.0682	38.3574	MD	283	4	-75.0823	38.3262	MD	355	-7.9	-75.1032	38.2964	MD
212	0.1	-75.0683	38.3569	MD	284	4.2	-75.0825	38.3258	MD	356	-7.8	-75.1033	38.2959	MD
213	0.1	-75.0685	38.3565	MD	285	4.2	-75.0827	38.3253	MD	357	-7.8	-75.1035	38.2955	MD
214	0.2	-75.0686	38.356	MD	286	4.1	-75.083	38.3249	MD	358	-7.9	-75.1037	38.295	MD
215	0.2	-75.0687	38.3556	MD	287	4.3	-75.0832	38.3245	MD	359	-7.9	-75.1038	38.2946	MD
216	0.2	-75.0689	38.3551	MD	288	4.4	-75.0834	38.324	MD	360	-7.8	-75.104	38.2942	MD
217	0	-75.069	38.3547	MD	289	4.4	-75.0836	38.3236	MD	361	-7.6	-75.1042	38.2937	MD
218	-0.2	-75.0692	38.3542	MD	290	4.3	-75.0838	38.3232	MD	362	-7.4	-75.1043	38.2933	MD
219	-0.2	-75.0693	38.3538	MD	291	-2	-75.0861	38.3207	MD	363	-7.3	-75.1045	38.2928	MD
220	-0.3	-75.0695	38.3533	MD	292	-6.9	-75.0864	38.3203	MD	364	-7.2	-75.1047	38.2924	MD
221	-0.2	-75.0696	38.3529	MD	293	-9.8	-75.0867	38.3199	MD	365	-7.1	-75.1048	38.2919	MD
222	-0.1	-75.0698	38.3524	MD	294	-7.4	-75.087	38.3195	MD	366	-6.9	-75.105	38.2915	MD
223	0.1	-75.0699	38.352	MD	295	-5	-75.0873	38.3191	MD	367	-6.8	-75.1052	38.291	MD
224	0.3	-75.07	38.3515	MD	296	-5.4	-75.0876	38.3187	MD	368	-6.7	-75.1053	38.2906	MD
225	0.2	-75.0702	38.3511	MD	297	-5.9	-75.0878	38.3183	MD	369	-6.6	-75.1055	38.2902	MD
226	0.2	-75.0703	38.3506	MD	298	-6.2	-75.0881	38.3179	MD	370	-6.6	-75.1057	38.2897	MD
227	0	-75.0705	38.3502	MD	299	-6.6	-75.0884	38.3175	MD	371	-6.7	-75.1058	38.2893	MD
228	-0.1	-75.0706	38.3497	MD	300	-6.7	-75.0887	38.3171	MD	372	-6.6	-75.106	38.2888	MD
229	-0.1	-75.0708	38.3493	MD	301	-6.9	-75.089	38.3167	MD	373	-6.5	-75.1061	38.2884	MD
230	-0.1	-75.0709	38.3488	MD	302	-7.1	-75.0893	38.3163	MD	374	-6.4	-75.1063	38.2879	MD
231	-0.2	-75.071	38.3488	MD	303	-7.3	-75.0896	38.3159	MD	375	-6.3	-75.1065	38.2875	MD
232	-0.1	-75.0713	38.3484	MD	304	-7.2	-75.0899	38.3155	MD	376	-6.3	-75.1066	38.2871	MD
233	-0.2	-75.0715	38.348	MD	305	-7.2	-75.0902	38.3151	MD	377	-6.2	-75.1068	38.2866	MD
234	-0.2	-75.0717	38.3475	MD	306	-7.4	-75.0905	38.3146	MD	378	-5.9	-75.107	38.2862	MD
235	-0.2	-75.0719	38.3471	MD	307	-7.7	-75.0908	38.3142	MD	379	-5.6	-75.1071	38.2857	MD
236	-0.3	-75.0721	38.3467	MD	308	-7.7	-75.0911	38.3138	MD	380	-5.5	-75.1073	38.2853	MD
237	-0.3	-75.0723	38.3462	MD	309	-7.6	-75.0914	38.3134	MD	381	-5.4	-75.1075	38.2848	MD
238	-0.2	-75.0726	38.3458	MD	310	-7.6	-75.0917	38.313	MD	382	-5.4	-75.1076	38.2844	MD
239	-0.2	-75.0728	38.3453	MD	311	-7.5	-75.092	38.3126	MD	383	-5.4	-75.1078	38.2839	MD
240	-0.1	-75.073	38.3449	MD	312	-8	-75.0923	38.3122	MD	384	-5.3	-75.108	38.2835	MD
241	-0.1	-75.0732	38.3445	MD	313	-8.4	-75.0926	38.3118	MD	385	-5.2	-75.1081	38.2831	MD
242	0	-75.0734	38.344	MD	314	-8.6	-75.0929	38.3114	MD	386	-5.1	-75.1083	38.2826	MD
243	0	-75.0736	38.3436	MD	315	-8.8	-75.0931	38.311	MD	387	-5.1	-75.1085	38.2822	MD
244	0.1	-75.0739	38.3432	MD	316	-8.9	-75.0934	38.3106	MD	388	-5	-75.1086	38.2817	MD
245	0	-75.0741	38.3427	MD	317	-9	-75.0937	38.3102	MD	389	-4.9	-75.1088	38.2813	MD
246	-0.2	-75.0743	38.3423	MD	318	-9.1	-75.094	38.3098	MD	390	-4.7	-75.109	38.2808	MD
247	-0.3	-75.0745	38.3419	MD	319	-9.1	-75.0943	38.3094	MD	391	-4.5	-75.1091	38.2804	MD
248	-0.4	-75.0747	38.3414	MD	320	-9.2	-75.0946	38.309	MD	392	-4.6	-75.1093	38.28	MD
249	-0.4	-75.0749	38.341	MD	321	-9.3	-75.0949	38.3086	MD	393	-4.6	-75.1095	38.2795	MD
250	-0.4	-75.0752	38.3406	MD	322	-9.3	-75.0952	38.3082	MD	394	-4.6	-75.1096	38.2791	MD
251	-0.4	-75.0754	38.3401	MD	323	-9.4	-75.0955	38.3078	MD	395	-4.5	-75.1098	38.2786	MD
252	-0.4	-75.0756	38.3397	MD	324	-9.4	-75.0958	38.3074	MD	396	-4.5	-75.11	38.2782	MD
253	-0.6	-75.0758	38.3393	MD	325	-9.3	-75.0961	38.307	MD	397	-4.5	-75.1101	38.2777	MD
254	-0.8	-75.076	38.3388	MD	326	-9.4	-75.0964	38.3066	MD	398	-4.4	-75.1103	38.2773	MD
255	-0.5	-75.0762	38.3384	MD	327	-9.5	-75.0967	38.3062	MD	399	-4.3	-75.1105	38.2768	MD
256	-0.3	-75.0765	38.3379	MD	328	-9.5	-75.097	38.3058	MD	400	-4.1	-75.1106	38.2764	MD
257	-0.3	-75.0767	38.3375	MD	329	-9.5	-75.0973	38.3054	MD	401	-4	-75.1108	38.276	MD
258	-0.3	-75.0769	38.3371	MD	330	-9.3	-75.0976	38.3049	MD	402	-3.9	-75.111	38.2755	MD
259	0	-75.0771	38.3366	MD	331	-9.2	-75.0979	38.3045	MD	403	-5	-75.1139	38.2752	MD
260	0.4	-75.0773	38.3362	MD	332	-9.2	-75.0982	38.3041	MD	404	-3.8	-75.1111	38.2751	MD
261	0.5	-75.0775	38.3358	MD	333	-9.2	-75.0984	38.3037	MD	405	-4.8	-75.1141	38.2748	MD
262	0.5	-75.0778	38.3353	MD	334	-9.3	-75.0987	38.3033	MD	406	-3.6	-75.1113	38.2746	MD
263	0.7	-75.078	38.3349	MD	335	-8.8	-75.1007	38.303	MD	407	-4.5	-75.1143	38.2743	MD
264	0.8	-75.0782	38.3345	MD	336	-9.4	-75.099	38.3029	MD	408	-3.4	-75.1115	38.2742	MD
265	1	-75.0784	38.334	MD	337	-8.8	-75.1008	38.3026	MD	409	-4.2	-75.1145	38.2739	MD
266	1.1	-75.0786	38.3336	MD	338	-9.3	-75.0993	38.3025	MD	410	-4	-75.1148	38.2735	MD
267	1.2	-75.0788	38.3332	MD	339	-9.2	-75.0996	38.3021	MD	411	-3.9	-75.115	38.273	MD

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
412	-3.7	-75.1152	38.2726	MD	484	-0.5	-75.1299	38.2425	MD	556	-1.1	-75.1439	38.2124	MD
413	-3.5	-75.1154	38.2722	MD	485	-0.5	-75.1301	38.2421	MD	557	-1.1	-75.1441	38.212	MD
414	-3.3	-75.1156	38.2717	MD	486	-0.2	-75.1304	38.2417	MD	558	-1	-75.1443	38.2115	MD
415	-3.2	-75.1158	38.2713	MD	487	0.1	-75.1306	38.2412	MD	559	-1	-75.1445	38.2111	MD
416	-3	-75.1161	38.2708	MD	488	0.1	-75.1308	38.2408	MD	560	-1	-75.1447	38.2106	MD
417	-2.9	-75.1163	38.2704	MD	489	0.2	-75.131	38.2404	MD	561	-1	-75.1449	38.2102	MD
418	-2.7	-75.1165	38.27	MD	490	0.2	-75.1312	38.2399	MD	562	-0.8	-75.145	38.2097	MD
419	-2.5	-75.1167	38.2695	MD	491	0.2	-75.1314	38.2395	MD	563	-0.6	-75.1452	38.2093	MD
420	-2.3	-75.1169	38.2691	MD	492	0.3	-75.1316	38.2391	MD	564	-0.6	-75.1454	38.2089	MD
421	-2.2	-75.1171	38.2687	MD	493	0.3	-75.1319	38.2386	MD	565	-0.7	-75.1456	38.2084	MD
422	-2.1	-75.1173	38.2682	MD	494	0.2	-75.1321	38.2382	MD	566	-0.6	-75.1458	38.208	MD
423	-2	-75.1176	38.2678	MD	495	0	-75.1323	38.2378	MD	567	-0.6	-75.146	38.2075	MD
424	-2	-75.1178	38.2674	MD	496	-0.1	-75.1325	38.2373	MD	568	-0.6	-75.1462	38.2071	MD
425	-1.9	-75.118	38.2669	MD	497	-0.3	-75.1327	38.2369	MD	569	-0.6	-75.1464	38.2067	MD
426	-1.8	-75.1182	38.2665	MD	498	-0.3	-75.1329	38.2365	MD	570	-0.4	-75.1466	38.2062	MD
427	-1.7	-75.1184	38.2661	MD	499	-0.3	-75.1332	38.236	MD	571	-0.3	-75.1468	38.2058	MD
428	-1.7	-75.1186	38.2656	MD	500	-0.6	-75.1334	38.2356	MD	572	-0.2	-75.1469	38.2053	MD
429	-1.7	-75.1189	38.2652	MD	501	-0.9	-75.1336	38.2352	MD	573	-0.1	-75.1471	38.2049	MD
430	-1.9	-75.1191	38.2648	MD	502	-0.8	-75.1338	38.2347	MD	574	-1	-75.1473	38.2045	MD
431	-2	-75.1193	38.2643	MD	503	-0.7	-75.134	38.2343	MD	575	-1.1	-75.1475	38.204	MD
432	-3.8	-75.1195	38.2639	MD	504	-0.7	-75.1342	38.2339	MD	576	-1.1	-75.1477	38.2036	MD
433	-3.9	-75.1197	38.2634	MD	505	-0.7	-75.1344	38.2334	MD	577	-1.1	-75.1479	38.2031	MD
434	-3.7	-75.1199	38.263	MD	506	-0.7	-75.1347	38.233	MD	578	-1.1	-75.1481	38.2027	MD
435	-3.5	-75.1201	38.2626	MD	507	-0.7	-75.1349	38.2326	MD	579	-1.1	-75.1483	38.2023	MD
436	-3.5	-75.1204	38.2621	MD	508	-0.8	-75.1351	38.2321	MD	580	-1.1	-75.1485	38.2018	MD
437	-3.5	-75.1206	38.2617	MD	509	-1	-75.1353	38.2317	MD	581	-1.1	-75.1487	38.2014	MD
438	-3.6	-75.1208	38.2613	MD	510	-1	-75.1355	38.2313	MD	582	-1.1	-75.1488	38.2009	MD
439	-3.8	-75.121	38.2608	MD	511	-1	-75.1357	38.2308	MD	583	-1.1	-75.149	38.2005	MD
440	-3.7	-75.1212	38.2604	MD	512	-0.9	-75.136	38.2304	MD	584	-1	-75.1492	38.2	MD
441	-3.7	-75.1214	38.26	MD	513	-0.9	-75.1362	38.2299	MD	585	-1	-75.1494	38.1996	MD
442	-3.7	-75.1217	38.2595	MD	514	-0.9	-75.1364	38.2295	MD	586	-0.8	-75.1496	38.1992	MD
443	-3.8	-75.1219	38.2591	MD	515	-1	-75.1366	38.2291	MD	587	-0.7	-75.1498	38.1987	MD
444	-3.7	-75.1221	38.2587	MD	516	-1.1	-75.1368	38.2286	MD	588	-0.4	-75.15	38.1983	MD
445	-3.6	-75.1223	38.2582	MD	517	-1.3	-75.137	38.2282	MD	589	0	-75.1502	38.1978	MD
446	-3.5	-75.1225	38.2578	MD	518	-1.3	-75.1373	38.2278	MD	590	0.1	-75.1504	38.1974	MD
447	-3.5	-75.1227	38.2574	MD	519	-1.3	-75.1375	38.2273	MD	591	0.2	-75.1506	38.197	MD
448	-3.2	-75.123	38.2569	MD	520	-1.3	-75.1377	38.2269	MD	592	0	-75.1507	38.1965	MD
449	-2.9	-75.1232	38.2565	MD	521	-1.3	-75.1379	38.2265	MD	593	-0.1	-75.1509	38.1961	MD
450	-3	-75.1234	38.2561	MD	522	-1.3	-75.1381	38.226	MD	594	-0.2	-75.1511	38.1956	MD
451	-3.2	-75.1236	38.2556	MD	523	-1.2	-75.1383	38.2256	MD	595	-0.2	-75.1513	38.1952	MD
452	-3.1	-75.1238	38.2552	MD	524	-1.3	-75.1385	38.2252	MD	596	-0.3	-75.1515	38.1948	MD
453	-2.9	-75.124	38.2547	MD	525	-1.3	-75.1388	38.2247	MD	597	-0.4	-75.1517	38.1943	MD
454	-2.7	-75.1242	38.2543	MD	526	-1.5	-75.139	38.2243	MD	598	-0.4	-75.1519	38.1939	MD
455	-2.4	-75.1245	38.2539	MD	527	-1.7	-75.1392	38.2239	MD	599	0.7	-75.1521	38.1934	MD
456	-2.3	-75.1247	38.2534	MD	528	-1.8	-75.1394	38.2234	MD	600	0.7	-75.1523	38.193	MD
457	-2.2	-75.1249	38.253	MD	529	-1.8	-75.1396	38.223	MD	601	0.7	-75.1525	38.1926	MD
458	-2.3	-75.1251	38.2526	MD	530	-1.8	-75.1398	38.2226	MD	602	0.7	-75.1526	38.1921	MD
459	-2.4	-75.1253	38.2521	MD	531	-1.8	-75.1401	38.2221	MD	603	0.7	-75.1528	38.1917	MD
460	-2.3	-75.1255	38.2517	MD	532	-1.9	-75.1403	38.2217	MD	604	0.7	-75.153	38.1912	MD
461	-2.2	-75.1258	38.2513	MD	533	-2	-75.1405	38.2213	MD	605	0.6	-75.1532	38.1908	MD
462	-2.1	-75.126	38.2508	MD	534	-2	-75.1407	38.2208	MD	606	0.7	-75.1534	38.1903	MD
463	-2.1	-75.1262	38.2504	MD	535	-2	-75.1409	38.2204	MD	607	0.7	-75.1536	38.1899	MD
464	-2	-75.1264	38.25	MD	536	-2	-75.1411	38.22	MD	608	0.7	-75.1538	38.1895	MD
465	-1.9	-75.1266	38.2495	MD	537	-2	-75.1413	38.2195	MD	609	0.8	-75.154	38.189	MD
466	-1.7	-75.1268	38.2491	MD	538	-1.7	-75.1416	38.2191	MD	610	0.9	-75.1542	38.1886	MD
467	-1.6	-75.127	38.2487	MD	539	-1.5	-75.1418	38.2187	MD	611	0.9	-75.1544	38.1881	MD
468	-1.6	-75.1273	38.2482	MD	540	-1.3	-75.142	38.2182	MD	612	0.9	-75.1545	38.1877	MD
469	-1.7	-75.1275	38.2478	MD	541	-1.1	-75.1422	38.2178	MD	613	0.9	-75.1547	38.1873	MD
470	-1.4	-75.1277	38.2473	MD	542	-1.2	-75.1424	38.2174	MD	614	-0.4	-75.1542	38.187	MD
471	-1.2	-75.1279	38.2469	MD	543	-1.3	-75.1426	38.2169	MD	615	1	-75.1549	38.1868	MD
472	-3.1	-75.1281	38.2465	MD	544	-1.6	-75.142	38.2168	MD	616	-0.5	-75.1544	38.1866	MD
473	-3.2	-75.1283	38.246	MD	545	-1.2	-75.1429	38.2165	MD	617	1	-75.1551	38.1864	MD
474	-2.6	-75.1282	38.246	MD	546	-1.5	-75.1422	38.2164	MD	618	-0.6	-75.1545	38.1861	MD
475	-3.4	-75.1286	38.2456	MD	547	-1.2	-75.1431	38.2161	MD	619	-0.6	-75.1547	38.1857	MD
476	-2.6	-75.1284	38.2456	MD	548	-1.4	-75.1424	38.2159	MD	620	-0.6	-75.1549	38.1852	MD
477	-3.7	-75.1288	38.2452	MD	549	-1.3	-75.1426	38.2155	MD	621	-0.6	-75.155	38.1848	MD
478	-2.7	-75.1286	38.2451	MD	550	-1.4	-75.1428	38.215	MD	622	-0.7	-75.1552	38.1843	MD
479	-2.7	-75.1288	38.2447	MD	551	-1.6	-75.143	38.2146	MD	623	-0.8	-75.1554	38.1839	MD
480	-2.5	-75.1291	38.2443	MD	552	-1.5	-75.1431	38.2142	MD	624	-0.6	-75.1555	38.1834	MD
481	-2.3	-75.1293	38.2438	MD	553	-1.3	-75.1433	38.2137	MD	625	-0.4	-75.1557	38.183	MD
482	-2.2	-75.1295	38.2434	MD	554	-1.2	-75.1435	38.2133	MD	626	-0.6	-75.1559	38.1825	MD
483	-0.6	-75.1297	38.243	MD	555	-1.1	-75.1437	38.2128	MD	627	-0.8	-75.156	38.1821	MD

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
628	-0.8	-75.1562	38.1816	MD	700	-1	-75.1677	38.1507	MD	772	-0.8	-75.1796	38.1193	MD
629	-0.8	-75.1564	38.1812	MD	701	-1	-75.1678	38.1503	MD	773	-0.8	-75.1798	38.1188	MD
630	-1	-75.1565	38.1807	MD	702	-1.1	-75.168	38.1498	MD	774	-0.8	-75.18	38.1184	MD
631	-1.1	-75.1567	38.1803	MD	703	-1.2	-75.1682	38.1494	MD	775	-0.8	-75.1802	38.118	MD
632	-1.2	-75.1569	38.1798	MD	704	-1	-75.1683	38.1489	MD	776	-0.6	-75.1804	38.1176	MD
633	-1.3	-75.157	38.1794	MD	705	-0.8	-75.1685	38.1485	MD	777	-0.5	-75.1806	38.1171	MD
634	-1	-75.1572	38.1789	MD	706	-0.9	-75.1686	38.148	MD	778	-0.5	-75.1808	38.1167	MD
635	-0.8	-75.1574	38.1785	MD	707	-1	-75.1688	38.1476	MD	779	-0.5	-75.1811	38.1163	MD
636	-0.7	-75.1576	38.178	MD	708	-0.9	-75.1689	38.1471	MD	780	-0.4	-75.1813	38.1158	MD
637	-0.6	-75.1577	38.1776	MD	709	-0.8	-75.1691	38.1467	MD	781	-0.2	-75.1815	38.1154	MD
638	-0.4	-75.1579	38.1771	MD	710	-0.7	-75.1693	38.1462	MD	782	-0.4	-75.1817	38.115	MD
639	-0.3	-75.1581	38.1767	MD	711	-0.5	-75.1694	38.1458	MD	783	-0.7	-75.1819	38.1145	MD
640	-0.3	-75.1582	38.1763	MD	712	-0.3	-75.1696	38.1453	MD	784	-0.8	-75.1821	38.1141	MD
641	-0.3	-75.1584	38.1758	MD	713	-0.1	-75.1697	38.1449	MD	785	-0.8	-75.1823	38.1137	MD
642	-0.4	-75.1586	38.1754	MD	714	-0.2	-75.1699	38.1444	MD	786	-1	-75.1825	38.1132	MD
643	-0.5	-75.1587	38.1749	MD	715	-0.4	-75.17	38.144	MD	787	-1.2	-75.1827	38.1128	MD
644	-0.6	-75.1589	38.1745	MD	716	-0.4	-75.1702	38.1435	MD	788	-1.4	-75.183	38.1124	MD
645	-0.7	-75.1591	38.174	MD	717	-0.3	-75.1703	38.1431	MD	789	-1.6	-75.1832	38.1119	MD
646	-0.7	-75.1592	38.1736	MD	718	-0.3	-75.1705	38.1426	MD	790	-1.2	-75.1834	38.1115	MD
647	-0.6	-75.1594	38.1731	MD	719	-0.3	-75.1707	38.1422	MD	791	-0.8	-75.1836	38.1111	MD
648	-0.6	-75.1596	38.1727	MD	720	-0.3	-75.1708	38.1417	MD	792	-0.8	-75.1838	38.1106	MD
649	-0.6	-75.1597	38.1722	MD	721	-0.3	-75.171	38.1413	MD	793	-0.8	-75.184	38.1102	MD
650	-0.4	-75.1599	38.1718	MD	722	-0.5	-75.1711	38.1408	MD	794	-0.8	-75.1842	38.1098	MD
651	-0.2	-75.1601	38.1713	MD	723	-0.7	-75.1713	38.1404	MD	795	-0.8	-75.1844	38.1093	MD
652	-0.1	-75.1602	38.1709	MD	724	-0.7	-75.1714	38.1399	MD	796	-0.8	-75.1847	38.1089	MD
653	0	-75.1604	38.1704	MD	725	-0.6	-75.1716	38.1395	MD	797	-0.9	-75.1849	38.1085	MD
654	-0.3	-75.1606	38.17	MD	726	-0.5	-75.1718	38.139	MD	798	-0.8	-75.1851	38.108	MD
655	-0.6	-75.1607	38.1695	MD	727	-0.4	-75.1719	38.1386	MD	799	-0.8	-75.1853	38.1076	MD
656	-0.6	-75.1609	38.1691	MD	728	-0.6	-75.1721	38.1381	MD	800	-0.7	-75.1855	38.1072	MD
657	-0.6	-75.1611	38.1686	MD	729	-0.7	-75.1722	38.1377	MD	801	-0.7	-75.1857	38.1067	MD
658	-0.5	-75.1612	38.1682	MD	730	-0.6	-75.1724	38.1372	MD	802	-0.6	-75.1859	38.1063	MD
659	-0.4	-75.1614	38.1677	MD	731	-0.4	-75.1725	38.1368	MD	803	-0.5	-75.1861	38.1059	MD
660	-0.4	-75.1616	38.1673	MD	732	-0.7	-75.1727	38.1363	MD	804	-0.6	-75.1863	38.1054	MD
661	-0.4	-75.1617	38.1668	MD	733	-1	-75.1728	38.1359	MD	805	-0.8	-75.1866	38.105	MD
662	-0.6	-75.1619	38.1664	MD	734	-1.1	-75.173	38.1354	MD	806	-1	-75.1868	38.1046	MD
663	-0.9	-75.1621	38.1659	MD	735	-1.2	-75.1732	38.135	MD	807	-1.2	-75.187	38.1041	MD
664	-0.8	-75.1622	38.1655	MD	736	-1.3	-75.1733	38.1345	MD	808	-1	-75.1872	38.1037	MD
665	-0.8	-75.1624	38.1651	MD	737	-1.5	-75.1735	38.1341	MD	809	-0.9	-75.1874	38.1033	MD
666	-0.8	-75.1626	38.1646	MD	738	-1.3	-75.1736	38.1336	MD	810	-0.9	-75.1876	38.1029	MD
667	-0.8	-75.1627	38.1642	MD	739	-1.2	-75.1738	38.1332	MD	811	-0.9	-75.1878	38.1024	MD
668	-0.8	-75.1629	38.1637	MD	740	-1.1	-75.1739	38.1327	MD	812	-0.7	-75.188	38.102	MD
669	-0.8	-75.1631	38.1633	MD	741	-1.1	-75.1741	38.1323	MD	813	-0.5	-75.1882	38.1016	MD
670	-0.8	-75.1633	38.1628	MD	742	-1	-75.1743	38.1318	MD	814	-0.4	-75.1885	38.1011	MD
671	-0.8	-75.1634	38.1624	MD	743	-1	-75.1744	38.1314	MD	815	-0.4	-75.1887	38.1007	MD
672	-0.7	-75.1636	38.1619	MD	744	-0.8	-75.1746	38.1309	MD	816	-0.4	-75.1889	38.1003	MD
673	-0.6	-75.1638	38.1615	MD	745	-0.6	-75.1747	38.1305	MD	817	-0.3	-75.1891	38.0998	MD
674	-0.7	-75.1639	38.161	MD	746	-0.6	-75.1749	38.13	MD	818	-0.4	-75.1893	38.0994	MD
675	-0.8	-75.1641	38.1606	MD	747	-0.6	-75.175	38.1296	MD	819	-0.6	-75.1895	38.099	MD
676	-0.6	-75.1643	38.1601	MD	748	-0.6	-75.1752	38.1291	MD	820	-0.4	-75.1897	38.0985	MD
677	-0.4	-75.1644	38.1597	MD	749	-0.6	-75.1753	38.1287	MD	821	-0.3	-75.1899	38.0981	MD
678	-0.6	-75.1646	38.1592	MD	750	-0.5	-75.1755	38.1282	MD	822	-0.5	-75.1901	38.0977	MD
679	-0.8	-75.1648	38.1588	MD	751	-0.4	-75.1757	38.1278	MD	823	-1.9	-75.1901	38.0974	MD
680	-0.8	-75.1649	38.1583	MD	752	-0.4	-75.1758	38.1273	MD	824	-0.7	-75.1904	38.0972	MD
681	-0.9	-75.1651	38.1579	MD	753	-0.5	-75.176	38.1269	MD	825	-1.6	-75.1904	38.097	MD
682	-0.8	-75.1653	38.1574	MD	754	-0.3	-75.1761	38.1264	MD	826	-0.9	-75.1906	38.0968	MD
683	-0.8	-75.1654	38.157	MD	755	-0.7	-75.1762	38.1262	MD	827	-1.3	-75.1906	38.0966	MD
684	-1.1	-75.1655	38.157	MD	756	-0.1	-75.1763	38.126	MD	828	-1.1	-75.1908	38.0964	MD
685	-1	-75.1657	38.1566	MD	757	-0.7	-75.1764	38.1258	MD	829	-1	-75.1909	38.0962	MD
686	-0.9	-75.1656	38.1565	MD	758	-0.6	-75.1766	38.1253	MD	830	-1.2	-75.1911	38.0957	MD
687	-1	-75.1658	38.1561	MD	759	-0.6	-75.1768	38.1249	MD	831	-1.4	-75.1914	38.0953	MD
688	-1	-75.1658	38.1561	MD	760	-0.8	-75.177	38.1245	MD	832	-1.2	-75.1917	38.0949	MD
689	-0.9	-75.166	38.1557	MD	761	-1	-75.1773	38.124	MD	833	-1.2	-75.1919	38.0945	MD
690	-1	-75.1661	38.1552	MD	762	-1.3	-75.1775	38.1236	MD	834	-1.3	-75.1922	38.0941	MD
691	-1	-75.1663	38.1548	MD	763	-1.6	-75.1777	38.1232	MD	835	-1.5	-75.1925	38.0937	MD
692	-1.1	-75.1664	38.1543	MD	764	-1.7	-75.1779	38.1227	MD	836	-1.2	-75.1927	38.0933	MD
693	-1.2	-75.1666	38.1539	MD	765	-1.7	-75.1781	38.1223	MD	837	-1	-75.193	38.0928	MD
694	-1.2	-75.1668	38.1534	MD	766	-1.8	-75.1783	38.1219	MD	838	-1.1	-75.1932	38.0924	MD
695	-1.2	-75.1669	38.153	MD	767	-1.8	-75.1785	38.1214	MD	839	-1.2	-75.1935	38.092	MD
696	-1.3	-75.1671	38.1525	MD	768	-1.6	-75.1787	38.121	MD	840	-1.4	-75.1938	38.0916	MD
697	-1.5	-75.1672	38.1521	MD	769	-1.4	-75.1789	38.1206	MD	841	-1.6	-75.194	38.0912	MD
698	-1.3	-75.1674	38.1516	MD	770	-1.1	-75.1792	38.1201	MD	842	-1.4	-75.1943	38.0908	MD
699	-1.1	-75.1675	38.1512	MD	771	-0.9	-75.1794	38.1197	MD	843	-1.2	-75.1946	38.0904	MD

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
844	-1	-75.1948	38.0899	MD	916	-0.8	-75.2138	38.0613	MD	988	-0.2	-75.2344	38.0332	MD
845	-0.8	-75.1951	38.0895	MD	917	-1	-75.2141	38.0609	MD	989	0.2	-75.2347	38.0328	MD
846	-0.8	-75.1953	38.0891	MD	918	-1	-75.2144	38.0605	MD	990	0	-75.235	38.0324	MD
847	-0.8	-75.1956	38.0887	MD	919	-1	-75.2147	38.0601	MD	991	-0.3	-75.2353	38.032	MD
848	-0.7	-75.1959	38.0883	MD	920	-1	-75.215	38.0597	MD	992	-0.3	-75.2357	38.0316	MD
849	-0.5	-75.1961	38.0879	MD	921	-1	-75.2153	38.0593	MD	993	-0.4	-75.236	38.0313	MD
850	-0.7	-75.1964	38.0875	MD	922	-0.8	-75.2156	38.0589	MD	994	-0.2	-75.2363	38.0309	MD
851	-1	-75.1966	38.087	MD	923	-0.6	-75.2158	38.0585	MD	995	0	-75.2366	38.0305	MD
852	-1	-75.1969	38.0866	MD	924	-0.4	-75.2161	38.0581	MD	996	-0.2	-75.2369	38.0301	MD
853	-1.1	-75.1972	38.0862	MD	925	-0.2	-75.2164	38.0577	MD	997	-0.3	-75.2372	38.0297	MD
854	-1.1	-75.1974	38.0858	MD	926	-0.3	-75.2167	38.0573	MD	998	-0.2	-75.2375	38.0293	MD
855	-1.2	-75.1977	38.0854	MD	927	-0.4	-75.217	38.0569	MD	999	-0.2	-75.2378	38.0289	MD
856	-1.1	-75.198	38.085	MD	928	-0.4	-75.2173	38.0565	MD	1000	-0.1	-75.2381	38.0285	MD
857	-1	-75.1982	38.0846	MD	929	-0.3	-75.2176	38.0561	MD	1001	-0.1	-75.2384	38.0281	MD
858	-0.9	-75.1985	38.0841	MD	930	-0.3	-75.2179	38.0557	MD	1002	0	-75.2388	38.0277	MD
859	-0.9	-75.1987	38.0837	MD	931	-0.2	-75.2182	38.0553	MD	1003	0	-75.2391	38.0273	MD
860	-0.8	-75.199	38.0833	MD	932	-0.3	-75.2185	38.0549	MD	1004	0.1	-75.2394	38.0269	MD
861	-0.8	-75.1993	38.0829	MD	933	-0.4	-75.2188	38.0545	MD	1005	0.1	-75.2397	38.0265	MD
862	-1.1	-75.1995	38.0825	MD	934	-0.3	-75.2191	38.0541	MD	1006	-1.4	-75.8	37.98333	MD
863	-1.4	-75.1998	38.0821	MD	935	-0.2	-75.2194	38.0537	MD	1007	-1.4	-75.85	37.96667	MD
864	-1.3	-75.2001	38.0817	MD	936	-0.4	-75.2197	38.0533	MD	1008	-1.4	-75.9	37.93333	MD
865	-1.2	-75.2003	38.0813	MD	937	-0.6	-75.22	38.0529	MD	1009	-0.6	-75.91666	37.98333	MD
866	-1	-75.2006	38.0808	MD	938	-0.6	-75.2203	38.0525	MD	1010	-0.6	-75.91666	38.03333	MD
867	-1	-75.2008	38.0804	MD	939	-0.6	-75.2206	38.0521	MD	1011	-0.6	-75.91666	38.08333	MD
868	-0.9	-75.2011	38.08	MD	940	-0.7	-75.2209	38.0517	MD	1012	-0.2	-75.91666	38.13334	MD
869	-0.9	-75.2014	38.0796	MD	941	-0.8	-75.2211	38.0513	MD	1013	-0.2	-75.96667	38.13334	MD
870	-1	-75.2016	38.0792	MD	942	-0.8	-75.2214	38.0509	MD	1014	-0.2	-75.96667	38.18333	MD
871	-1.1	-75.2019	38.0788	MD	943	-0.8	-75.2217	38.0505	MD	1015	-0.6	-75.96667	38.23333	MD
872	-1.1	-75.2022	38.0784	MD	944	-0.8	-75.222	38.0501	MD	1016	-0.6	-76.06667	38	MD
873	-1.1	-75.2024	38.0779	MD	945	-0.9	-75.2223	38.0497	MD	1017	-0.6	-76.06667	38.05	MD
874	-1	-75.2027	38.0775	MD	946	-0.9	-75.2226	38.0493	MD	1018	-0.6	-76.06667	38.1	MD
875	-1	-75.2029	38.0771	MD	947	-0.9	-75.2229	38.0489	MD	1019	-0.6	-76.1	38.15	MD
876	-1	-75.2032	38.0767	MD	948	-0.6	-75.2232	38.0485	MD	1020	-0.4	-76.1	38.2	MD
877	-1	-75.2035	38.0763	MD	949	-0.4	-75.2235	38.0481	MD	1021	-0.3	-76.15	38.25	MD
878	-1.2	-75.2037	38.0759	MD	950	-0.4	-75.2238	38.0477	MD	1022	-0.3	-76.2	38.25	MD
879	-1.4	-75.204	38.0755	MD	951	-0.4	-75.2241	38.0473	MD	1023	-0.3	-76.21667	38.3	MD
880	-1.2	-75.2042	38.075	MD	952	-0.4	-75.2244	38.0469	MD	1024	-0.3	-76.25	38.35	MD
881	-1.1	-75.2045	38.0746	MD	953	-0.4	-75.2247	38.0465	MD	1025	-0.3	-76.3	38.35	MD
882	-1.1	-75.2048	38.0742	MD	954	-0.3	-75.225	38.0461	MD	1026	-3.8	-76.25	38.4	MD
883	-1.1	-75.205	38.0738	MD	955	-0.3	-75.2253	38.0457	MD	1027	-3.8	-76.3	38.4	MD
884	-1.2	-75.2053	38.0734	MD	956	-0.3	-75.2256	38.0453	MD	1028	-3.8	-76.31667	38.45	MD
885	-1.3	-75.2056	38.073	MD	957	-0.3	-75.2259	38.0449	MD	1029	-3.8	-76.35	38.5	MD
886	-1.1	-75.2058	38.0726	MD	958	-0.2	-75.2262	38.0445	MD	1030	-1.6	-76.36667	38.55	MD
887	-0.9	-75.2061	38.0721	MD	959	-0.1	-75.2264	38.0441	MD	1031	-1.6	-76.33334	38.6	MD
888	-1.2	-75.2063	38.0717	MD	960	-0.1	-75.2267	38.0437	MD	1032	-1.2	-76.3	38.65	MD
889	-1.4	-75.2066	38.0713	MD	961	-0.1	-75.227	38.0433	MD	1033	-0.7	-76.36667	38.7	MD
890	-1.4	-75.2069	38.0709	MD	962	-0.2	-75.2273	38.0429	MD	1034	-0.7	-76.36667	38.75	MD
891	-1.5	-75.2071	38.0705	MD	963	-0.2	-75.2276	38.0425	MD	1035	-0.7	-76.35	38.8	MD
892	-1.6	-75.2074	38.0701	MD	964	-0.2	-75.2279	38.0421	MD	1036	-0.7	-76.41666	38.78333	MD
893	-1.7	-75.2077	38.0697	MD	965	-0.2	-75.2276	38.0419	MD	1037	-0.7	-76.31667	38.85	MD
894	-1	-75.2079	38.0693	MD	966	-0.1	-75.2282	38.0417	MD	1038	-0.5	-76.28333	38.9	MD
895	-1.8	-75.2079	38.0692	MD	967	-0.2	-75.2279	38.0415	MD	1039	-1	-76.38333	38.86666	MD
896	-1.2	-75.2082	38.0689	MD	968	-0.2	-75.2282	38.0411	MD	1040	-1	-76.38333	38.91667	MD
897	-1.9	-75.2082	38.0688	MD	969	-0.2	-75.2285	38.0407	MD	1041	-0.5	-76.38333	38.96667	MD
898	-1.3	-75.2085	38.0685	MD	970	-0.2	-75.2288	38.0403	MD	1042	-1.1	-76.36667	39.01667	MD
899	-1.5	-75.2088	38.0681	MD	971	-0.1	-75.2291	38.0399	MD	1043	-1.1	-76.33334	39.06667	MD
900	-1.4	-75.2091	38.0677	MD	972	-0.2	-75.2295	38.0395	MD	1044	-0.7	-76.25	39.1	MD
901	-1.2	-75.2094	38.0673	MD	973	-0.4	-75.2298	38.0391	MD	1045	-0.7	-76.28333	39.15	MD
902	-1.3	-75.2097	38.0669	MD	974	-0.4	-75.2301	38.0387	MD	1046	-0.7	-76.28333	39.2	MD
903	-1.4	-75.21	38.0665	MD	975	-0.4	-75.2304	38.0384	MD	1047	-0.3	-76.23333	39.25	MD
904	-1.4	-75.2103	38.0661	MD	976	-0.3	-75.2307	38.038	MD	1048	-0.3	-76.25	39.3	MD
905	-1.4	-75.2105	38.0657	MD	977	-0.2	-75.231	38.0376	MD	1049	-0.3	-76.2	39.33333	MD
906	-1.4	-75.2108	38.0653	MD	978	-0.4	-75.2313	38.0372	MD	1050	-0.3	-76.16666	39.38334	MD
907	-1.5	-75.2111	38.0649	MD	979	-0.5	-75.2316	38.0368	MD	1051	-0.3	-76.11667	39.38334	MD
908	-1.4	-75.2114	38.0645	MD	980	-0.4	-75.2319	38.0364	MD	1052	-0.2	-76.1	39.48333	MD
909	-1.3	-75.2117	38.0641	MD	981	-0.4	-75.2322	38.036	MD	1053	-0.4	-76.15	39.45	MD
910	-1.1	-75.212	38.0637	MD	982	-0.2	-75.2326	38.0356	MD	1054	-0.7	-76.2	39.41667	MD
911	-0.9	-75.2123	38.0633	MD	983	-0.1	-75.2329	38.0352	MD	1055	-0.7	-76.25	39.38334	MD
912	-1	-75.2126	38.0629	MD	984	-0.3	-75.2332	38.0348	MD	1056	-0.4	-76.3	39.35	MD
913	-1.1	-75.2129	38.0625	MD	985	-0.6	-75.2335	38.0344	MD	1057	-0.4	-76.3	39.3	MD
914	-0.9	-75.2132	38.0621	MD	986	-0.6	-75.2338	38.034	MD	1058	-0.6	-76.35	39.33333	MD
915	-0.7	-75.2135	38.0617	MD	987	-0.5	-75.2341	38.0336	MD	1059	-0.6	-76.4	39.31667	MD

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1060	-0.7	-76.41666	39.26667	MD	45	-2.2	-75.2524	38.0099	VA	117	0.5	-75.2734	37.9826	VA
1061	-0.7	-76.46667	39.23333	MD	46	-2.1	-75.2527	38.0095	VA	118	0.3	-75.2737	37.9822	VA
1062	-0.3	-76.46667	39.18333	MD	47	-1.9	-75.253	38.0091	VA	119	0.4	-75.274	37.9818	VA
1063	-0.5	-76.46667	39.13334	MD	48	-1.8	-75.2533	38.0087	VA	120	0.5	-75.2743	37.9814	VA
1064	-0.8	-76.45	39.08333	MD	49	-1.6	-75.2537	38.0084	VA	121	0.6	-75.2747	37.9811	VA
1065	-0.8	-76.43333	39.03333	MD	50	-1.4	-75.254	38.008	VA	122	0.8	-75.275	37.9807	VA
1066	-0.8	-76.46667	38.98333	MD	51	-1.4	-75.2543	38.0076	VA	123	0.6	-75.2753	37.9803	VA
1067	-0.2	-76.46667	38.93333	MD	52	-1.4	-75.2546	38.0072	VA	124	0.5	-75.2756	37.9799	VA
1068	-0.2	-76.51667	38.9	MD	53	-1.5	-75.2549	38.0068	VA	125	0.6	-75.2759	37.9795	VA
1069	-0.2	-76.51667	38.85	MD	54	-1.6	-75.2552	38.0064	VA	126	0.7	-75.2763	37.9791	VA
1070	-0.2	-76.36667	38.81667	MD	55	-1.5	-75.2555	38.006	VA	127	0.6	-75.2766	37.9787	VA
1071	-0.9	-76.6	38.78333	MD	56	-1.5	-75.2559	38.0056	VA	128	0.6	-75.2769	37.9783	VA
1072	-0.9	-76.56667	38.73333	MD	57	-1.6	-75.2562	38.0052	VA	129	0.3	-75.2772	37.978	VA
1073	-0.4	-76.55	38.68333	MD	58	-1.7	-75.2565	38.0048	VA	130	0	-75.2776	37.9776	VA
1074	-0.6	-76.55	38.63334	MD	59	-1.5	-75.2568	38.0044	VA	131	0.2	-75.2779	37.9772	VA
1075	-0.6	-76.55	38.58333	MD	60	-1.4	-75.2571	38.004	VA	132	0.3	-75.2782	37.9768	VA
1076	-0.2	-76.53333	38.53333	MD	61	-1.4	-75.2574	38.0037	VA	133	0.5	-75.2785	37.9764	VA
1077	-0.8	-76.5	38.48333	MD	62	-1.4	-75.2577	38.0033	VA	134	0.7	-75.2788	37.976	VA
1078	-0.8	-76.45	38.45	MD	63	-1.4	-75.2581	38.0029	VA	135	0.7	-75.2792	37.9756	VA
1079	-0.1	-76.41666	38.4	MD	64	-1.5	-75.2584	38.0025	VA	136	0.7	-75.2795	37.9752	VA
1080	-0.1	-76.41666	38.35	MD	65	-1.5	-75.2587	38.0021	VA	137	1	-75.2798	37.9749	VA
1081	-0.5	-76.41666	38.3	MD	66	-1.6	-75.259	38.0017	VA	138	1.3	-75.2801	37.9745	VA
1082	-0.3	-76.4	38.25	MD	67	-1.5	-75.2593	38.0013	VA	139	1.5	-75.2805	37.9741	VA
1083	-0.3	-76.38333	38.2	MD	68	-1.5	-75.2596	38.0009	VA	140	1.7	-75.2808	37.9737	VA
1084	-0.3	-76.33334	38.18333	MD	69	-1.5	-75.2599	38.0005	VA	141	1.7	-75.2811	37.9733	VA
1085	-1.2	-76.36667	38.13334	MD	70	-1.5	-75.2602	38.0001	VA	142	1.7	-75.2814	37.9729	VA
1086	-0.7	-76.35	38.08333	MD	71	-1.6	-75.2606	37.9997	VA	143	1.8	-75.2817	37.9725	VA
1087	-0.5	-76.4	38.11666	MD	72	-1.7	-75.2609	37.9993	VA	144	2	-75.2821	37.9721	VA
1	0.2	-75.24	38.0261	VA	73	-1.5	-75.2612	37.999	VA	145	1.8	-75.2824	37.9718	VA
2	0.2	-75.2403	38.0257	VA	74	-1.3	-75.2615	37.9986	VA	146	1.7	-75.2827	37.9714	VA
3	0.2	-75.2406	38.0253	VA	75	-1.2	-75.2618	37.9982	VA	147	1.7	-75.283	37.971	VA
4	0.2	-75.2409	38.0249	VA	76	-1.2	-75.2621	37.9978	VA	148	1.6	-75.2834	37.9706	VA
5	0.1	-75.2412	38.0245	VA	77	-1	-75.2624	37.9974	VA	149	1.8	-75.2837	37.9702	VA
6	0	-75.2415	38.0242	VA	78	-0.8	-75.2628	37.997	VA	150	1.9	-75.284	37.9698	VA
7	0.1	-75.2419	38.0238	VA	79	-0.7	-75.2631	37.9966	VA	151	1.9	-75.2843	37.9694	VA
8	0.2	-75.2422	38.0234	VA	80	-0.7	-75.2634	37.9962	VA	152	1.9	-75.2846	37.969	VA
9	0.2	-75.2425	38.023	VA	81	-0.7	-75.2637	37.9958	VA	153	1.6	-75.285	37.9687	VA
10	0.1	-75.2428	38.0226	VA	82	-0.8	-75.264	37.9954	VA	154	1.3	-75.2853	37.9683	VA
11	0	-75.2431	38.0222	VA	83	-0.8	-75.2643	37.995	VA	155	1.5	-75.2856	37.9679	VA
12	-0.2	-75.2434	38.0218	VA	84	-0.9	-75.2646	37.9946	VA	156	1.7	-75.2859	37.9675	VA
13	-0.2	-75.2437	38.0214	VA	85	-0.8	-75.265	37.9943	VA	157	1.6	-75.2863	37.9671	VA
14	-0.4	-75.244	38.021	VA	86	-0.8	-75.2653	37.9939	VA	158	1.6	-75.2866	37.9667	VA
15	-0.2	-75.2443	38.0206	VA	87	-0.7	-75.2656	37.9935	VA	159	1.6	-75.2869	37.9663	VA
16	-0.2	-75.2446	38.0202	VA	88	-0.6	-75.2659	37.9931	VA	160	1.5	-75.2872	37.9659	VA
17	-0.3	-75.245	38.0198	VA	89	-0.4	-75.2662	37.9927	VA	161	1.5	-75.2876	37.9656	VA
18	-0.4	-75.2453	38.0194	VA	90	-0.2	-75.2665	37.9923	VA	162	1.5	-75.2879	37.9652	VA
19	-0.6	-75.2456	38.019	VA	91	-0.2	-75.2668	37.9919	VA	163	1.5	-75.2882	37.9648	VA
20	-0.8	-75.2459	38.0186	VA	92	-0.3	-75.2672	37.9915	VA	164	1.4	-75.2885	37.9644	VA
21	-0.8	-75.2462	38.0182	VA	93	-0.2	-75.2675	37.9911	VA	165	1.2	-75.2888	37.964	VA
22	-0.9	-75.2465	38.0178	VA	94	-0.1	-75.2678	37.9907	VA	166	0.9	-75.2892	37.9636	VA
23	-0.8	-75.2468	38.0174	VA	95	0.1	-75.2681	37.9903	VA	167	1	-75.2895	37.9632	VA
24	-0.8	-75.2471	38.0171	VA	96	0.2	-75.2684	37.9899	VA	168	0.6	-75.2897	37.9628	VA
25	-0.9	-75.2474	38.0167	VA	97	0.1	-75.2687	37.9896	VA	169	1.1	-75.2898	37.9628	VA
26	-0.9	-75.2477	38.0163	VA	98	0	-75.269	37.9892	VA	170	1.1	-75.2901	37.9625	VA
27	-1	-75.2481	38.0159	VA	99	0.2	-75.2682	37.9888	VA	171	0.8	-75.29	37.9624	VA
28	-1.1	-75.2484	38.0155	VA	100	0	-75.2694	37.9888	VA	172	1.1	-75.2905	37.9621	VA
29	-1	-75.248	38.0154	VA	101	0.2	-75.2685	37.9884	VA	173	1	-75.2902	37.962	VA
30	-1.1	-75.2487	38.0151	VA	102	-0.1	-75.2697	37.9884	VA	174	1.2	-75.2905	37.9616	VA
31	-1.2	-75.2483	38.015	VA	103	0.2	-75.2688	37.988	VA	175	1	-75.2908	37.9611	VA
32	-1.1	-75.249	38.0147	VA	104	0.1	-75.2692	37.9876	VA	176	0.8	-75.2911	37.9607	VA
33	-1.5	-75.2486	38.0146	VA	105	0.2	-75.2695	37.9873	VA	177	1.2	-75.2913	37.9603	VA
34	-1.7	-75.2489	38.0142	VA	106	0.3	-75.2698	37.9869	VA	178	1.5	-75.2916	37.9599	VA
35	-1.9	-75.2493	38.0138	VA	107	0.1	-75.2701	37.9865	VA	179	1.3	-75.2919	37.9595	VA
36	-2.2	-75.2496	38.0134	VA	108	0	-75.2705	37.9861	VA	180	1.1	-75.2922	37.9591	VA
37	-2	-75.2499	38.0131	VA	109	-0.1	-75.2708	37.9857	VA	181	1	-75.2924	37.9587	VA
38	-1.8	-75.2502	38.0127	VA	110	-0.3	-75.2711	37.9853	VA	182	0.8	-75.2927	37.9583	VA
39	-1.9	-75.2505	38.0123	VA	111	-0.2	-75.2714	37.9849	VA	183	0.7	-75.293	37.9578	VA
40	-2	-75.2508	38.0119	VA	112	-0.2	-75.2717	37.9845	VA	184	0.7	-75.2933	37.9574	VA
41	-1.9	-75.2511	38.0115	VA	113	-0.1	-75.2721	37.9842	VA	185	0.7	-75.2935	37.957	VA
42	-1.8	-75.2515	38.0111	VA	114	0	-75.2724	37.9838	VA	186	0.8	-75.2938	37.9566	VA
43	-2	-75.2518	38.0107	VA	115	0.3	-75.2727	37.9834	VA	187	0.6	-75.2941	37.9562	VA
44	-2.3	-75.2521	38.0103	VA	116	0.6	-75.273	37.983	VA	188	0.5	-75.2944	37.9558	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
189	0.4	-75.2946	37.9554	VA	261	-0.7	-75.3126	37.9272	VA	333	-4	-75.33	37.8979	VA
190	0.2	-75.2949	37.955	VA	262	-0.8	-75.3129	37.9268	VA	334	-4	-75.3303	37.8974	VA
191	0.3	-75.2952	37.9545	VA	263	-1	-75.3131	37.9263	VA	335	-3.9	-75.3305	37.897	VA
192	0.3	-75.2955	37.9541	VA	264	-1.3	-75.3134	37.9259	VA	336	-3.7	-75.3308	37.8966	VA
193	0.2	-75.2957	37.9537	VA	265	-1.1	-75.3136	37.9255	VA	337	-3.8	-75.3311	37.8962	VA
194	0.1	-75.296	37.9533	VA	266	-1	-75.3139	37.9251	VA	338	-3.8	-75.3313	37.8958	VA
195	0	-75.2963	37.9529	VA	267	-1	-75.3141	37.9246	VA	339	-3.8	-75.3316	37.8954	VA
196	0	-75.2966	37.9525	VA	268	-1.1	-75.3143	37.9242	VA	340	-3.8	-75.3319	37.895	VA
197	0	-75.2968	37.9521	VA	269	-1	-75.3146	37.9238	VA	341	-3.8	-75.3321	37.8945	VA
198	0	-75.2971	37.9517	VA	270	-1	-75.3148	37.9234	VA	342	-3.7	-75.3324	37.8941	VA
199	0	-75.2974	37.9512	VA	271	-1	-75.3151	37.9229	VA	343	-3.8	-75.3327	37.8937	VA
200	-0.1	-75.2977	37.9508	VA	272	-1	-75.3153	37.9225	VA	344	-4	-75.3329	37.8933	VA
201	0	-75.2979	37.9504	VA	273	-1.3	-75.3156	37.9221	VA	345	-4	-75.3332	37.8929	VA
202	0	-75.2982	37.95	VA	274	-1.6	-75.3158	37.9217	VA	346	-4.1	-75.3335	37.8925	VA
203	-0.3	-75.2985	37.9496	VA	275	-1.7	-75.316	37.9212	VA	347	-4.3	-75.3337	37.892	VA
204	-0.6	-75.2988	37.9492	VA	276	-1.8	-75.3163	37.9208	VA	348	-4.4	-75.334	37.8916	VA
205	-0.5	-75.299	37.9488	VA	277	-1.8	-75.3165	37.9204	VA	349	-4.4	-75.3343	37.8912	VA
206	-0.4	-75.2993	37.9484	VA	278	-1.9	-75.3168	37.92	VA	350	-4.5	-75.3345	37.8908	VA
207	-0.4	-75.2996	37.9479	VA	279	-2.1	-75.317	37.9195	VA	351	-4.5	-75.3348	37.8904	VA
208	-0.4	-75.2999	37.9475	VA	280	-2.3	-75.3172	37.9191	VA	352	-4.6	-75.3351	37.89	VA
209	-0.2	-75.3001	37.9471	VA	281	-2.3	-75.3175	37.9187	VA	353	-4.8	-75.3353	37.8895	VA
210	0.1	-75.3004	37.9467	VA	282	-2.4	-75.3177	37.9183	VA	354	-5.1	-75.3356	37.8891	VA
211	-0.2	-75.3007	37.9463	VA	283	-2.4	-75.318	37.9178	VA	355	-5.1	-75.3359	37.8887	VA
212	-0.5	-75.301	37.9459	VA	284	-2.5	-75.3182	37.9174	VA	356	-5.1	-75.3361	37.8883	VA
213	-0.3	-75.3012	37.9455	VA	285	-2.5	-75.3185	37.917	VA	357	-5	-75.3364	37.8879	VA
214	-0.1	-75.3015	37.9451	VA	286	-2.5	-75.3187	37.9166	VA	358	-5	-75.3367	37.8875	VA
215	-0.1	-75.3018	37.9446	VA	287	-2.6	-75.3189	37.9161	VA	359	-5.1	-75.3369	37.8871	VA
216	-0.2	-75.3021	37.9442	VA	288	-2.8	-75.3192	37.9157	VA	360	-5.1	-75.3372	37.8866	VA
217	-0.3	-75.3023	37.9438	VA	289	-2.8	-75.3194	37.9153	VA	361	-4.9	-75.3375	37.8862	VA
218	-0.4	-75.3026	37.9434	VA	290	-2.9	-75.3197	37.9149	VA	362	-4.8	-75.3377	37.8858	VA
219	-0.3	-75.3029	37.943	VA	291	-2.9	-75.3199	37.9144	VA	363	-4.7	-75.338	37.8854	VA
220	-0.2	-75.3032	37.9426	VA	292	-2.9	-75.3202	37.914	VA	364	-4.7	-75.3383	37.885	VA
221	-0.2	-75.3034	37.9422	VA	293	-2.9	-75.3204	37.9136	VA	365	-4.7	-75.3386	37.8846	VA
222	-0.2	-75.3037	37.9418	VA	294	-2.9	-75.3206	37.9132	VA	366	-4.8	-75.3388	37.8841	VA
223	-0.1	-75.304	37.9413	VA	295	-3	-75.3209	37.9127	VA	367	-4.8	-75.3391	37.8837	VA
224	-0.1	-75.3043	37.9409	VA	296	-3.1	-75.3211	37.9123	VA	368	-4.9	-75.3394	37.8833	VA
225	-0.2	-75.3045	37.9405	VA	297	-3.3	-75.3214	37.9119	VA	369	-4.9	-75.3396	37.8829	VA
226	-0.4	-75.3048	37.9401	VA	298	-3.5	-75.3216	37.9115	VA	370	-4.9	-75.3399	37.8825	VA
227	-0.4	-75.3051	37.9397	VA	299	-3.4	-75.3219	37.911	VA	371	-5	-75.3402	37.8821	VA
228	-0.5	-75.3054	37.9393	VA	300	-3.3	-75.3221	37.9106	VA	372	-5.1	-75.3404	37.8817	VA
229	-0.6	-75.3056	37.9389	VA	301	-3.3	-75.3223	37.9102	VA	373	-5.1	-75.3407	37.8812	VA
230	-0.8	-75.3059	37.9385	VA	302	-3.2	-75.3226	37.9098	VA	374	-5.2	-75.341	37.8808	VA
231	-0.7	-75.3062	37.938	VA	303	-3.4	-75.3228	37.9093	VA	375	-5.4	-75.3412	37.8804	VA
232	-0.6	-75.3065	37.9376	VA	304	-3.6	-75.3231	37.9089	VA	376	-5.6	-75.3415	37.88	VA
233	-0.4	-75.3067	37.9372	VA	305	-3.8	-75.3233	37.9085	VA	377	-5.5	-75.3418	37.8796	VA
234	-0.3	-75.307	37.9368	VA	306	-4.1	-75.3235	37.9081	VA	378	-5.5	-75.342	37.8792	VA
235	-0.2	-75.3073	37.9364	VA	307	-4.2	-75.3238	37.9076	VA	379	NA	-75.4114	37.879	VA
236	-0.2	-75.3076	37.936	VA	308	-4.3	-75.324	37.9072	VA	380	-5.9	-75.3422	37.879	VA
237	-0.3	-75.3078	37.9357	VA	309	-5.3	-75.3241	37.907	VA	381	NA	-75.4119	37.8788	VA
238	-0.3	-75.3078	37.9356	VA	310	-4.6	-75.3243	37.9068	VA	382	-5.8	-75.3423	37.8787	VA
239	-0.3	-75.308	37.9353	VA	311	-5.2	-75.3244	37.9066	VA	383	-6.1	-75.3425	37.8786	VA
240	-0.4	-75.3081	37.9352	VA	312	-4.9	-75.3245	37.9064	VA	384	-19.3	-75.4125	37.8785	VA
241	-0.3	-75.3083	37.9348	VA	313	-5.1	-75.3246	37.9062	VA	385	-14.5	-75.413	37.8783	VA
242	-0.3	-75.3084	37.9347	VA	314	-5	-75.3249	37.9058	VA	386	-6.1	-75.3426	37.8783	VA
243	-0.4	-75.3085	37.9344	VA	315	-4.8	-75.3252	37.9053	VA	387	-6.3	-75.3429	37.8782	VA
244	-0.3	-75.3087	37.9343	VA	316	-4.7	-75.3254	37.9049	VA	388	-9.7	-75.4135	37.8781	VA
245	-0.5	-75.3088	37.934	VA	317	-4.8	-75.3257	37.9045	VA	389	-6.3	-75.414	37.8778	VA
246	-0.7	-75.309	37.9336	VA	318	-4.8	-75.326	37.9041	VA	390	-6.5	-75.3432	37.8778	VA
247	-0.6	-75.3093	37.9331	VA	319	-4.9	-75.3262	37.9037	VA	391	-2.9	-75.4145	37.8776	VA
248	-0.6	-75.3095	37.9327	VA	320	-5	-75.3265	37.9033	VA	392	-1.6	-75.415	37.8774	VA
249	-0.6	-75.3097	37.9323	VA	321	-4.8	-75.3268	37.9028	VA	393	-6.1	-75.3435	37.8774	VA
250	-0.6	-75.31	37.9319	VA	322	-4.6	-75.327	37.9024	VA	394	-0.3	-75.4155	37.8771	VA
251	-0.6	-75.3102	37.9314	VA	323	-4.6	-75.3273	37.902	VA	395	-5.8	-75.3438	37.8771	VA
252	-0.5	-75.3105	37.931	VA	324	-4.7	-75.3276	37.9016	VA	396	-2	-75.416	37.8769	VA
253	-0.5	-75.3107	37.9306	VA	325	-4.9	-75.3278	37.9012	VA	397	-3.7	-75.4165	37.8767	VA
254	-0.5	-75.3109	37.9302	VA	326	-5	-75.3281	37.9008	VA	398	-5.7	-75.3442	37.8767	VA
255	-0.7	-75.3112	37.9297	VA	327	-4.9	-75.3284	37.9004	VA	399	-2.8	-75.417	37.8764	VA
256	-0.8	-75.3114	37.9293	VA	328	-4.7	-75.3286	37.8999	VA	400	-5.6	-75.3445	37.8763	VA
257	-0.8	-75.3117	37.9289	VA	329	-4.5	-75.3289	37.8995	VA	401	9	-75.4175	37.8762	VA
258	-0.8	-75.3119	37.9285	VA	330	-4.2	-75.3292	37.8991	VA	402	8.3	-75.418	37.876	VA
259	-0.8	-75.3122	37.928	VA	331	-4.1	-75.3295	37.8987	VA	403	-5.7	-75.3448	37.8759	VA
260	-0.7	-75.3124	37.9276	VA	332	-4	-75.3297	37.8983	VA	404	7.6	-75.4185	37.8757	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
405	7.3	-75.419	37.8755	VA	477	5.6	-75.3979	37.8684	VA	549	-3.8	-75.3573	37.8611	VA
406	-5.9	-75.3452	37.8755	VA	478	5.7	-75.4337	37.8683	VA	550	-1.1	-75.4444	37.8609	VA
407	6.9	-75.4195	37.8753	VA	479	5.6	-75.3974	37.8682	VA	551	10.7	-75.3834	37.8608	VA
408	-5.8	-75.3455	37.8751	VA	480	-6	-75.3514	37.8681	VA	552	-4.1	-75.3576	37.8607	VA
409	6.9	-75.42	37.875	VA	481	5.9	-75.397	37.8679	VA	553	-1.3	-75.4448	37.8606	VA
410	6.9	-75.4205	37.8748	VA	482	5.3	-75.4342	37.8679	VA	554	11.1	-75.3829	37.8605	VA
411	-5.7	-75.3458	37.8747	VA	483	6.2	-75.3965	37.8677	VA	555	11.1	-75.3824	37.8603	VA
412	6.8	-75.421	37.8746	VA	484	-5.8	-75.3517	37.8677	VA	556	-1.4	-75.4453	37.8603	VA
413	6.6	-75.4216	37.8743	VA	485	5	-75.4346	37.8676	VA	557	-3.9	-75.358	37.8603	VA
414	-5.5	-75.3461	37.8743	VA	486	6.9	-75.396	37.8674	VA	558	11.1	-75.3819	37.86	VA
415	6.4	-75.4221	37.8741	VA	487	4.6	-75.4351	37.8673	VA	559	-1.5	-75.4457	37.86	VA
416	-5.3	-75.3465	37.8739	VA	488	-5.9	-75.352	37.8673	VA	560	-3.8	-75.3583	37.86	VA
417	6.2	-75.4226	37.8738	VA	489	7.6	-75.3955	37.8672	VA	561	11.4	-75.3815	37.8598	VA
418	6.1	-75.4231	37.8736	VA	490	4.3	-75.4355	37.867	VA	562	-1.7	-75.4462	37.8597	VA
419	-5.5	-75.3468	37.8736	VA	491	8.1	-75.395	37.8669	VA	563	-3.5	-75.3586	37.8596	VA
420	6	-75.4236	37.8734	VA	492	-6	-75.3524	37.8669	VA	564	11.8	-75.381	37.8595	VA
421	NA	-75.4071	37.8733	VA	493	8.7	-75.3945	37.8667	VA	565	-1.8	-75.4466	37.8594	VA
422	-5.7	-75.3471	37.8732	VA	494	3.9	-75.436	37.8667	VA	566	11.5	-75.3805	37.8593	VA
423	5.8	-75.4241	37.8731	VA	495	-5.8	-75.3527	37.8666	VA	567	-3.2	-75.3589	37.8592	VA
424	NA	-75.4066	37.873	VA	496	9.3	-75.394	37.8664	VA	568	-1.9	-75.4471	37.8591	VA
425	13.2	-75.4246	37.8729	VA	497	3.5	-75.4364	37.8664	VA	569	11.3	-75.38	37.859	VA
426	NA	-75.4062	37.8728	VA	498	10	-75.3936	37.8662	VA	570	11.5	-75.3795	37.8588	VA
427	-5.6	-75.3475	37.8728	VA	499	-5.6	-75.353	37.8662	VA	571	-1.9	-75.4475	37.8588	VA
428	11.5	-75.4251	37.8727	VA	500	3	-75.4369	37.8661	VA	572	-2.7	-75.3593	37.8588	VA
429	NA	-75.4057	37.8725	VA	501	9.6	-75.3931	37.8659	VA	573	-1.9	-75.4479	37.8585	VA
430	9.7	-75.4256	37.8724	VA	502	3	-75.4373	37.8658	VA	574	11.6	-75.379	37.8585	VA
431	-5.5	-75.3478	37.8724	VA	503	-5.5	-75.3534	37.8658	VA	575	-2.2	-75.3596	37.8584	VA
432	9.6	-75.4052	37.8723	VA	504	9.2	-75.3926	37.8656	VA	576	-1.9	-75.4484	37.8582	VA
433	9.3	-75.4261	37.8722	VA	505	3.1	-75.4377	37.8655	VA	577	11.5	-75.3785	37.8582	VA
434	9.6	-75.4047	37.872	VA	506	9.1	-75.3921	37.8654	VA	578	11.3	-75.3781	37.858	VA
435	8.9	-75.4266	37.872	VA	507	-5.4	-75.3537	37.8654	VA	579	-1.6	-75.3599	37.858	VA
436	-5.6	-75.3481	37.872	VA	508	2.5	-75.4382	37.8652	VA	580	-1.7	-75.4488	37.8579	VA
437	9.6	-75.4042	37.8718	VA	509	8.9	-75.3916	37.8651	VA	581	11	-75.3776	37.8577	VA
438	8.5	-75.4271	37.8717	VA	510	-5	-75.354	37.865	VA	582	-1.5	-75.4493	37.8576	VA
439	-5.7	-75.3484	37.8716	VA	511	8.8	-75.3911	37.8649	VA	583	-0.9	-75.3602	37.8576	VA
440	8	-75.4276	37.8715	VA	512	2	-75.4386	37.8649	VA	584	10.6	-75.3771	37.8575	VA
441	9.1	-75.4037	37.8715	VA	513	8.6	-75.3907	37.8646	VA	585	-1.6	-75.4497	37.8573	VA
442	8.5	-75.4033	37.8713	VA	514	1.7	-75.4391	37.8646	VA	586	10	-75.3766	37.8572	VA
443	7.9	-75.4281	37.8713	VA	515	-4.6	-75.3543	37.8646	VA	587	0.4	-75.3606	37.8572	VA
444	-5.8	-75.3488	37.8712	VA	516	8.6	-75.3902	37.8644	VA	588	9.4	-75.3761	37.857	VA
445	7.9	-75.4028	37.871	VA	517	1.4	-75.4395	37.8643	VA	589	-1.8	-75.4502	37.8569	VA
446	7.8	-75.4286	37.871	VA	518	-4.5	-75.3547	37.8642	VA	590	1.7	-75.3609	37.8568	VA
447	7.7	-75.4291	37.8708	VA	519	8.6	-75.3897	37.8641	VA	591	9.5	-75.3756	37.8567	VA
448	-5.8	-75.3491	37.8708	VA	520	1.1	-75.44	37.864	VA	592	-2	-75.4506	37.8566	VA
449	7.3	-75.4023	37.8707	VA	521	8.3	-75.3892	37.8639	VA	593	9.7	-75.3752	37.8565	VA
450	7.6	-75.4296	37.8706	VA	522	-4.4	-75.355	37.8638	VA	594	3.5	-75.3612	37.8565	VA
451	7.1	-75.4018	37.8705	VA	523	0.8	-75.4404	37.8637	VA	595	-2.3	-75.4511	37.8563	VA
452	-5.7	-75.3494	37.8704	VA	524	8	-75.3887	37.8636	VA	596	8.9	-75.3747	37.8562	VA
453	7.6	-75.4301	37.8703	VA	525	-4.1	-75.3553	37.8635	VA	597	5.3	-75.3616	37.8561	VA
454	7	-75.4013	37.8702	VA	526	0.5	-75.4408	37.8634	VA	598	8.2	-75.3742	37.856	VA
455	7.6	-75.4307	37.8701	VA	527	8.6	-75.3882	37.8633	VA	599	-2.3	-75.4515	37.856	VA
456	-5.7	-75.3497	37.8701	VA	528	9	-75.3878	37.8631	VA	600	7.4	-75.3737	37.8557	VA
457	6.7	-75.4008	37.87	VA	529	0.2	-75.4413	37.8631	VA	601	-2.2	-75.4519	37.8557	VA
458	7.6	-75.4312	37.8698	VA	530	-4	-75.3557	37.8631	VA	602	12.5	-75.3619	37.8557	VA
459	6.3	-75.4003	37.8697	VA	531	-0.1	-75.4417	37.8628	VA	603	-2	-75.4524	37.8554	VA
460	-5.8	-75.3501	37.8697	VA	532	9.5	-75.3873	37.8628	VA	604	16	-75.3622	37.8553	VA
461	7.6	-75.4317	37.8696	VA	533	-3.9	-75.356	37.8627	VA	605	-1.8	-75.4528	37.8551	VA
462	5.9	-75.3999	37.8695	VA	534	9.9	-75.3868	37.8626	VA	606	3.4	-75.3625	37.8549	VA
463	6.8	-75.432	37.8695	VA	535	-0.3	-75.4422	37.8624	VA	607	-1.7	-75.4533	37.8548	VA
464	7.4	-75.4322	37.8694	VA	536	10	-75.3863	37.8623	VA	608	-1.6	-75.4537	37.8545	VA
465	-6	-75.3504	37.8693	VA	537	-3.8	-75.3563	37.8623	VA	609	5.1	-75.3629	37.8545	VA
466	7.2	-75.3994	37.8692	VA	538	10	-75.3858	37.8621	VA	610	-1.5	-75.4542	37.8542	VA
467	6.8	-75.4324	37.8692	VA	539	-0.5	-75.4426	37.8621	VA	611	0.3	-75.3632	37.8541	VA
468	7.2	-75.4327	37.8691	VA	540	-3.7	-75.3566	37.8619	VA	612	-1.5	-75.4546	37.8539	VA
469	6.4	-75.3989	37.869	VA	541	9.7	-75.3853	37.8618	VA	613	0.9	-75.3635	37.8537	VA
470	7.1	-75.4332	37.8689	VA	542	-0.8	-75.4431	37.8618	VA	614	-1.5	-75.455	37.8536	VA
471	6.5	-75.4329	37.8689	VA	543	9.3	-75.3848	37.8616	VA	615	-1.5	-75.4555	37.8533	VA
472	-6	-75.3507	37.8689	VA	544	-0.8	-75.4435	37.8615	VA	616	9.2	-75.3639	37.8533	VA
473	6.9	-75.4337	37.8687	VA	545	-3.6	-75.357	37.8615	VA	617	-1.6	-75.4559	37.853	VA
474	5.5	-75.3984	37.8687	VA	546	9.8	-75.3844	37.8613	VA	618	17.3	-75.3642	37.853	VA
475	6.1	-75.4333	37.8686	VA	547	-0.9	-75.444	37.8612	VA	619	-1.7	-75.4564	37.8527	VA
476	-6.1	-75.3511	37.8685	VA	548	10.3	-75.3839	37.8611	VA	620	-1.7	-75.4568	37.8524	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
621	-1.8	-75.4573	37.8521	VA	693	-1.8	-75.4834	37.8273	VA	765	-9.6	-75.5065	37.8011	VA
622	-1.8	-75.4577	37.8518	VA	694	-1.8	-75.4838	37.827	VA	766	-7.5	-75.5061	37.801	VA
623	-1.9	-75.4582	37.8514	VA	695	-0.1	-75.4837	37.8266	VA	767	-9.8	-75.5067	37.8007	VA
624	-1.9	-75.4586	37.8511	VA	696	-1.7	-75.4842	37.8266	VA	768	-10	-75.507	37.8003	VA
625	-1.9	-75.459	37.8508	VA	697	-0.1	-75.484	37.8263	VA	769	-10.2	-75.5073	37.7999	VA
626	-1.9	-75.4595	37.8505	VA	698	-1.8	-75.4845	37.8263	VA	770	-10.3	-75.5075	37.7995	VA
627	-1.9	-75.4599	37.8502	VA	699	-0.3	-75.4843	37.8259	VA	771	-10.4	-75.5078	37.7991	VA
628	-0.9	-75.4601	37.8501	VA	700	-1.9	-75.4849	37.8259	VA	772	-10.4	-75.5081	37.7987	VA
629	-1.6	-75.4604	37.8499	VA	701	-0.4	-75.4847	37.8255	VA	773	-10.4	-75.5083	37.7982	VA
630	-1	-75.4605	37.8497	VA	702	-0.5	-75.485	37.8251	VA	774	-10.4	-75.5086	37.7978	VA
631	-1.3	-75.4608	37.8496	VA	703	-0.6	-75.4853	37.8247	VA	775	-10.4	-75.5089	37.7974	VA
632	-1	-75.4608	37.8493	VA	704	-0.7	-75.4857	37.8243	VA	776	-10.5	-75.5091	37.797	VA
633	-1.1	-75.4612	37.849	VA	705	-0.8	-75.486	37.824	VA	777	-10.7	-75.5094	37.7966	VA
634	-1.1	-75.4616	37.8486	VA	706	-1.1	-75.4864	37.8236	VA	778	-10.9	-75.5097	37.7962	VA
635	-1.1	-75.4619	37.8483	VA	707	-1.3	-75.4867	37.8232	VA	779	-11.1	-75.5099	37.7958	VA
636	-1.1	-75.4623	37.8479	VA	708	-1.8	-75.487	37.8228	VA	780	-11.2	-75.5102	37.7953	VA
637	-1.1	-75.4627	37.8475	VA	709	-2.2	-75.4874	37.8224	VA	781	-11.4	-75.5105	37.7949	VA
638	-1.1	-75.463	37.8472	VA	710	-2.8	-75.4877	37.822	VA	782	-11.4	-75.5107	37.7945	VA
639	-1.2	-75.4634	37.8468	VA	711	-3.4	-75.488	37.8217	VA	783	-11.4	-75.511	37.7941	VA
640	-1.2	-75.4638	37.8465	VA	712	-3.6	-75.4884	37.8213	VA	784	-11.4	-75.5113	37.7937	VA
641	-1.1	-75.4642	37.8461	VA	713	-3.9	-75.4887	37.8209	VA	785	-11.4	-75.5115	37.7933	VA
642	-1	-75.4645	37.8457	VA	714	-4.1	-75.489	37.8205	VA	786	-11.3	-75.5118	37.7929	VA
643	-1	-75.4649	37.8454	VA	715	-4.3	-75.4894	37.8201	VA	787	-11.2	-75.5121	37.7924	VA
644	-0.8	-75.4653	37.845	VA	716	-4.3	-75.4897	37.8197	VA	788	-11.3	-75.5123	37.792	VA
645	-0.7	-75.4656	37.8446	VA	717	-4.3	-75.49	37.8194	VA	789	-11.4	-75.5126	37.7916	VA
646	-0.7	-75.466	37.8443	VA	718	-4.3	-75.4904	37.819	VA	790	-11.1	-75.5129	37.7912	VA
647	-0.7	-75.4664	37.8439	VA	719	-4.3	-75.4907	37.8186	VA	791	-10.9	-75.5131	37.7908	VA
648	-0.6	-75.4667	37.8436	VA	720	-4.5	-75.491	37.8182	VA	792	-11.1	-75.5134	37.7904	VA
649	-0.6	-75.4671	37.8432	VA	721	-4.7	-75.4914	37.8178	VA	793	-11.2	-75.5137	37.79	VA
650	-0.5	-75.4675	37.8428	VA	722	-4	-75.4917	37.8174	VA	794	-11.2	-75.5139	37.7895	VA
651	-0.5	-75.4679	37.8425	VA	723	-3.2	-75.4921	37.8171	VA	795	-11.2	-75.5142	37.7891	VA
652	-0.2	-75.4682	37.8421	VA	724	-0.8	-75.4924	37.8167	VA	796	-11.2	-75.5145	37.7887	VA
653	0	-75.4686	37.8418	VA	725	1.6	-75.4927	37.8163	VA	797	-11.1	-75.5147	37.7883	VA
654	0	-75.469	37.8414	VA	726	-3.1	-75.4931	37.8159	VA	798	-11	-75.515	37.7879	VA
655	-0.1	-75.4693	37.841	VA	727	-1.7	-75.4934	37.8155	VA	799	-10.9	-75.5152	37.7875	VA
656	-0.1	-75.4697	37.8407	VA	728	-0.6	-75.4937	37.8151	VA	800	-10.9	-75.5155	37.7871	VA
657	-0.2	-75.4701	37.8403	VA	729	0.7	-75.4941	37.8148	VA	801	-10.9	-75.5158	37.7867	VA
658	-0.1	-75.4705	37.84	VA	730	2.1	-75.4944	37.8144	VA	802	-10.7	-75.516	37.7862	VA
659	-0.1	-75.4708	37.8396	VA	731	-4.3	-75.4947	37.814	VA	803	-10.5	-75.5163	37.7858	VA
660	0	-75.4712	37.8392	VA	732	-6.1	-75.4951	37.8136	VA	804	-10.4	-75.5166	37.7854	VA
661	0.1	-75.4716	37.8389	VA	733	-7.9	-75.4954	37.8132	VA	805	-10.2	-75.5168	37.785	VA
662	0.1	-75.4719	37.8385	VA	734	-6.5	-75.4957	37.8128	VA	806	-10.2	-75.5171	37.7846	VA
663	0.1	-75.4723	37.8382	VA	735	-5.2	-75.4961	37.8125	VA	807	-10.2	-75.5174	37.7842	VA
664	0.1	-75.4727	37.8378	VA	736	-5.1	-75.4964	37.8121	VA	808	-10.2	-75.5176	37.7838	VA
665	0.1	-75.473	37.8374	VA	737	-5.1	-75.4967	37.8117	VA	809	-10.2	-75.5179	37.7833	VA
666	0.1	-75.4734	37.8371	VA	738	-5.3	-75.4971	37.8113	VA	810	-10	-75.5182	37.7829	VA
667	0.2	-75.4738	37.8367	VA	739	-5.3	-75.4974	37.8109	VA	811	-9.8	-75.5184	37.7825	VA
668	0.2	-75.4742	37.8364	VA	740	-5.5	-75.4977	37.8105	VA	812	-9.6	-75.5187	37.7821	VA
669	0.1	-75.4745	37.836	VA	741	-5.7	-75.4981	37.8102	VA	813	-9.5	-75.519	37.7817	VA
670	0.2	-75.4749	37.8356	VA	742	-5.8	-75.4984	37.8098	VA	814	-9.3	-75.5192	37.7813	VA
671	0.2	-75.4753	37.8353	VA	743	-6	-75.4988	37.8094	VA	815	-9.1	-75.5195	37.7809	VA
672	0.1	-75.4756	37.8349	VA	744	-6	-75.4991	37.809	VA	816	-8.8	-75.5198	37.7804	VA
673	0.1	-75.476	37.8346	VA	745	-6	-75.4994	37.8086	VA	817	-8.6	-75.52	37.78	VA
674	0.1	-75.4764	37.8342	VA	746	-6.1	-75.4998	37.8082	VA	818	-8.3	-75.5203	37.7796	VA
675	0	-75.4768	37.8338	VA	747	-6.1	-75.5001	37.8079	VA	819	-8	-75.5206	37.7792	VA
676	0.1	-75.4771	37.8335	VA	748	-6.2	-75.5004	37.8075	VA	820	-7.8	-75.5208	37.7788	VA
677	0.2	-75.4775	37.8331	VA	749	-6.2	-75.5008	37.8071	VA	821	-7.5	-75.5211	37.7784	VA
678	0.1	-75.4779	37.8328	VA	750	-6.2	-75.5011	37.8067	VA	822	-7.3	-75.5214	37.778	VA
679	-0.1	-75.4782	37.8324	VA	751	-6.3	-75.5014	37.8063	VA	823	-7.1	-75.5216	37.7775	VA
680	-0.1	-75.4786	37.832	VA	752	-6.4	-75.5018	37.8059	VA	824	-6.9	-75.5219	37.7771	VA
681	-0.2	-75.479	37.8317	VA	753	-6.4	-75.5021	37.8056	VA	825	-6.6	-75.5222	37.7767	VA
682	-0.3	-75.4793	37.8313	VA	754	-6.5	-75.5024	37.8052	VA	826	-6.4	-75.5224	37.7763	VA
683	-0.5	-75.4797	37.8309	VA	755	-6.7	-75.5028	37.8048	VA	827	-6.2	-75.5227	37.7759	VA
684	-0.6	-75.4801	37.8306	VA	756	-6.5	-75.5031	37.8044	VA	828	-6.7	-75.523	37.7755	VA
685	-0.7	-75.4805	37.8302	VA	757	-6.4	-75.5034	37.804	VA	829	-7.1	-75.5232	37.7751	VA
686	-0.8	-75.4808	37.8299	VA	758	-6.3	-75.5038	37.8036	VA	830	-8.5	-75.5235	37.7746	VA
687	-1	-75.4812	37.8295	VA	759	-6.1	-75.5041	37.8033	VA	831	-7.9	-75.5235	37.7742	VA
688	-1.1	-75.4816	37.8291	VA	760	-6.3	-75.5045	37.8029	VA	832	-9.8	-75.5238	37.7742	VA
689	-1.3	-75.4819	37.8288	VA	761	-6.5	-75.5048	37.8025	VA	833	-5.4	-75.5237	37.7738	VA
690	-1.5	-75.4823	37.8284	VA	762	-6.7	-75.5051	37.8021	VA	834	-5.7	-75.524	37.7738	VA
691	-1.6	-75.4827	37.8281	VA	763	-6.9	-75.5055	37.8017	VA	835	-0.2	-75.524	37.7734	VA
692	-1.7	-75.483	37.8277	VA	764	-7.2	-75.5058	37.8013	VA	836	-7.5	-75.5243	37.7734	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
837	5	-75.5242	37.7729	VA	909	-6.8	-75.5421	37.7438	VA	981	-28.1	-75.558	37.7152	VA
838	5.4	-75.5245	37.7725	VA	910	-6.6	-75.5423	37.7434	VA	982	-27.8	-75.5582	37.7147	VA
839	5.7	-75.5247	37.7721	VA	911	-6.4	-75.5426	37.743	VA	983	-27.6	-75.5583	37.7143	VA
840	5.4	-75.525	37.7717	VA	912	-6.2	-75.5428	37.7426	VA	984	-27.3	-75.5585	37.7139	VA
841	5.2	-75.5252	37.7713	VA	913	-6.5	-75.543	37.7421	VA	985	-28.6	-75.5587	37.7134	VA
842	5.1	-75.5255	37.7708	VA	914	-6.8	-75.5433	37.7417	VA	986	-29.8	-75.5589	37.713	VA
843	5	-75.5257	37.7704	VA	915	-7	-75.5435	37.7413	VA	987	-16	-75.5591	37.7125	VA
844	5.5	-75.526	37.77	VA	916	-7.1	-75.5438	37.7409	VA	988	-16.2	-75.5593	37.7121	VA
845	5.9	-75.5262	37.7696	VA	917	-7.2	-75.544	37.7405	VA	989	-16.5	-75.5595	37.7116	VA
846	6.9	-75.5265	37.7691	VA	918	-7.3	-75.5443	37.74	VA	990	-30.5	-75.5597	37.7112	VA
847	7.9	-75.5267	37.7687	VA	919	-7.4	-75.5445	37.7396	VA	991	-26.8	-75.5598	37.7108	VA
848	4.1	-75.527	37.7683	VA	920	-7.5	-75.5448	37.7392	VA	992	-23	-75.56	37.7103	VA
849	0.4	-75.5272	37.7679	VA	921	-7.7	-75.545	37.7388	VA	993	-22.2	-75.5602	37.7099	VA
850	-2.1	-75.5275	37.7674	VA	922	-8	-75.5452	37.7384	VA	994	-21.4	-75.5604	37.7094	VA
851	-4.6	-75.5277	37.767	VA	923	-8.3	-75.5455	37.7379	VA	995	-21.1	-75.5606	37.709	VA
852	-6.4	-75.528	37.7666	VA	924	-8.6	-75.5457	37.7375	VA	996	-20.7	-75.5608	37.7085	VA
853	-8	-75.5282	37.7662	VA	925	-8.7	-75.546	37.7371	VA	997	-20.7	-75.561	37.7081	VA
854	-8.2	-75.5285	37.7658	VA	926	-8.7	-75.5462	37.7367	VA	998	-20.7	-75.5612	37.7077	VA
855	-8.4	-75.5287	37.7653	VA	927	-8.7	-75.5465	37.7363	VA	999	-20.6	-75.5613	37.7072	VA
856	-8.4	-75.529	37.7649	VA	928	-8.6	-75.5467	37.7358	VA	1000	-20.5	-75.5615	37.7068	VA
857	-8.4	-75.5292	37.7645	VA	929	-8.9	-75.547	37.7354	VA	1001	-20.3	-75.5617	37.7063	VA
858	-8.5	-75.5295	37.7641	VA	930	-9.3	-75.5472	37.735	VA	1002	-20.2	-75.5619	37.7059	VA
859	-8.6	-75.5297	37.7636	VA	931	-9.5	-75.5475	37.7346	VA	1003	-19.5	-75.5621	37.7054	VA
860	-8.5	-75.53	37.7632	VA	932	-9.8	-75.5477	37.7341	VA	1004	-18.9	-75.5623	37.705	VA
861	-8.4	-75.5302	37.7628	VA	933	-10.5	-75.5479	37.7337	VA	1005	-18.9	-75.5625	37.7046	VA
862	-8.6	-75.5305	37.7624	VA	934	-11.2	-75.5482	37.7333	VA	1006	-18.7	-75.5627	37.7041	VA
863	-8.7	-75.5307	37.762	VA	935	-12.5	-75.5484	37.7329	VA	1007	-18.5	-75.5628	37.7037	VA
864	-8.9	-75.531	37.7615	VA	936	-13.7	-75.5487	37.7325	VA	1008	-18.2	-75.563	37.7032	VA
865	-9.1	-75.5312	37.7611	VA	937	-15.4	-75.5489	37.732	VA	1009	-17.9	-75.5632	37.7028	VA
866	-9.1	-75.5315	37.7607	VA	938	-17.1	-75.5492	37.7316	VA	1010	-17.7	-75.5634	37.7024	VA
867	-9.1	-75.5317	37.7603	VA	939	-15.6	-75.5494	37.7312	VA	1011	-17.7	-75.5636	37.7019	VA
868	-9.2	-75.532	37.7598	VA	940	-17	-75.5497	37.7308	VA	1012	-17.7	-75.5638	37.7015	VA
869	-9.3	-75.5322	37.7594	VA	941	-18.3	-75.5499	37.7304	VA	1013	-17.6	-75.564	37.701	VA
870	-9.1	-75.5325	37.759	VA	942	-22.8	-75.5501	37.7299	VA	1014	-17.5	-75.5642	37.7006	VA
871	-8.9	-75.5327	37.7586	VA	943	-22.7	-75.5504	37.7295	VA	1015	-16.6	-75.5613	37.6997	VA
872	-8.3	-75.533	37.7582	VA	944	-22.5	-75.5506	37.7291	VA	1016	-16.4	-75.5615	37.6992	VA
873	-7.7	-75.5332	37.7577	VA	945	-22.8	-75.5509	37.7287	VA	1017	-16.3	-75.5617	37.6988	VA
874	-7.1	-75.5335	37.7573	VA	946	-23	-75.5511	37.7282	VA	1018	-16.2	-75.5619	37.6983	VA
875	-6.6	-75.5337	37.7569	VA	947	-23.1	-75.5514	37.7278	VA	1019	-16.2	-75.5621	37.6979	VA
876	-6.4	-75.534	37.7565	VA	948	-23.2	-75.5516	37.7274	VA	1020	-16.1	-75.5623	37.6975	VA
877	-6.2	-75.5342	37.756	VA	949	-23.4	-75.5519	37.727	VA	1021	-16.2	-75.5625	37.697	VA
878	-6	-75.5345	37.7556	VA	950	-23.6	-75.5521	37.7266	VA	1022	-16.4	-75.5627	37.6966	VA
879	-5.7	-75.5347	37.7552	VA	951	-23.8	-75.5524	37.7261	VA	1023	-16.2	-75.5629	37.6961	VA
880	-5.2	-75.535	37.7548	VA	952	-24.1	-75.5526	37.7257	VA	1024	-16.1	-75.5631	37.6957	VA
881	-4.6	-75.5352	37.7544	VA	953	-24.3	-75.5528	37.7253	VA	1025	-16.1	-75.5632	37.6952	VA
882	-4.3	-75.5355	37.7539	VA	954	-24.5	-75.5531	37.7249	VA	1026	-16.1	-75.5634	37.6948	VA
883	-3.9	-75.5357	37.7535	VA	955	-24.8	-75.5533	37.7245	VA	1027	-15.9	-75.5636	37.6944	VA
884	-3.9	-75.536	37.7531	VA	956	-25.2	-75.5536	37.724	VA	1028	-15.7	-75.5638	37.6939	VA
885	-3.9	-75.5362	37.7527	VA	957	-25.6	-75.5538	37.7236	VA	1029	-15.9	-75.564	37.6935	VA
886	-4.1	-75.5365	37.7522	VA	958	-26.1	-75.5541	37.7232	VA	1030	-16.1	-75.5642	37.693	VA
887	-4.3	-75.5367	37.7518	VA	959	-26.4	-75.5543	37.7228	VA	1031	-16.4	-75.5644	37.6926	VA
888	-4.5	-75.537	37.7514	VA	960	-26.8	-75.5546	37.7224	VA	1032	-16.8	-75.5646	37.6922	VA
889	-4.6	-75.5372	37.751	VA	961	-27	-75.5548	37.7219	VA	1033	-17.4	-75.5648	37.6917	VA
890	-5	-75.5375	37.7505	VA	962	-27.1	-75.555	37.7215	VA	1034	-18	-75.565	37.6913	VA
891	-5.4	-75.5377	37.7501	VA	963	-27.6	-75.5553	37.7211	VA	1035	-23.2	-75.5651	37.6908	VA
892	-5.4	-75.538	37.7497	VA	964	-28	-75.5555	37.7207	VA	1036	-28.4	-75.5653	37.6904	VA
893	-5.5	-75.5382	37.7493	VA	965	-28.2	-75.5558	37.7202	VA	1037	-27.7	-75.5655	37.69	VA
894	-5.6	-75.5385	37.7489	VA	966	-28.4	-75.556	37.7198	VA	1038	-27.1	-75.5657	37.6895	VA
895	-5.7	-75.5387	37.7484	VA	967	-28.6	-75.5563	37.7194	VA	1039	-26.2	-75.5659	37.6891	VA
896	-5.8	-75.539	37.748	VA	968	-28.7	-75.5565	37.719	VA	1040	-25.3	-75.5661	37.6886	VA
897	-5.9	-75.5392	37.7476	VA	969	-28.2	-75.5565	37.7187	VA	1041	-16.7	-75.5663	37.6882	VA
898	-6.1	-75.5395	37.7472	VA	970	-28.7	-75.5568	37.7186	VA	1042	-18	-75.5665	37.6878	VA
899	-6.4	-75.5403	37.7468	VA	971	-28.2	-75.5567	37.7183	VA	1043	-11.7	-75.5667	37.6873	VA
900	-6.2	-75.5397	37.7467	VA	972	-28.7	-75.557	37.7181	VA	1044	-11.9	-75.5669	37.6869	VA
901	-6.4	-75.5406	37.7464	VA	973	-28.4	-75.5568	37.7178	VA	1045	-11.7	-75.567	37.6864	VA
902	-6.3	-75.54	37.7463	VA	974	-28.7	-75.5573	37.7177	VA	1046	-11.6	-75.5672	37.686	VA
903	-6.4	-75.5408	37.7459	VA	975	-28.6	-75.557	37.7174	VA	1047	-11.9	-75.5674	37.6855	VA
904	-6.4	-75.5402	37.7459	VA	976	-28.7	-75.5575	37.7173	VA	1048	-12.1	-75.5676	37.6851	VA
905	-6.7	-75.5411	37.7455	VA	977	-28.6	-75.5572	37.7169	VA	1049	-12.6	-75.5678	37.6847	VA
906	-7	-75.5413	37.7451	VA	978	-28.6	-75.5574	37.7165	VA	1050	-13	-75.568	37.6842	VA
907	-7	-75.5416	37.7447	VA	979	-28.5	-75.5576	37.7161	VA	1051	-13.2	-75.5682	37.6838	VA
908	-7	-75.5418	37.7443	VA	980	-28.4	-75.5578	37.7156	VA	1052	-13.3	-75.5684	37.6833	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1053	-13.9	-75.5686	37.6829	VA	1125	-4.2	-75.5838	37.6477	VA	1197	-6.7	-75.5971	37.6168	VA
1054	-14.5	-75.5688	37.6825	VA	1126	-4.5	-75.584	37.6472	VA	1198	-7	-75.5973	37.6163	VA
1055	-14.6	-75.5689	37.682	VA	1127	-4.4	-75.5842	37.6468	VA	1199	-7.2	-75.5975	37.6159	VA
1056	-14.7	-75.5691	37.6816	VA	1128	-4.3	-75.5844	37.6463	VA	1200	-7.3	-75.5977	37.6155	VA
1057	-15.9	-75.5693	37.6811	VA	1129	-4.5	-75.5846	37.6459	VA	1201	-7.4	-75.5979	37.615	VA
1058	-17.1	-75.5695	37.6807	VA	1130	-4.6	-75.5848	37.6455	VA	1202	-7.5	-75.5981	37.6146	VA
1059	-14.6	-75.5697	37.6803	VA	1131	-4.6	-75.5849	37.645	VA	1203	-7.4	-75.5983	37.6141	VA
1060	-16.2	-75.5699	37.6798	VA	1132	-4.7	-75.5851	37.6446	VA	1204	-7.3	-75.5985	37.6137	VA
1061	-6.9	-75.5701	37.6794	VA	1133	-4.6	-75.5853	37.6441	VA	1205	-7.3	-75.5986	37.6132	VA
1062	-6.6	-75.5703	37.6789	VA	1134	-4.6	-75.5855	37.6437	VA	1206	-7.2	-75.5988	37.6128	VA
1063	-6	-75.5705	37.6785	VA	1135	-4.7	-75.5857	37.6433	VA	1207	-7.2	-75.599	37.6124	VA
1064	-5.6	-75.5707	37.6781	VA	1136	-4.7	-75.5859	37.6428	VA	1208	-7.2	-75.5992	37.6119	VA
1065	NA	-75.572	37.6748	VA	1137	-4.6	-75.5861	37.6424	VA	1209	-7.3	-75.5994	37.6115	VA
1066	NA	-75.5728	37.6731	VA	1138	-4.5	-75.5863	37.6419	VA	1210	-7.4	-75.5996	37.611	VA
1067	NA	-75.573	37.6726	VA	1139	-4.6	-75.5865	37.6415	VA	1211	-7.5	-75.5998	37.6106	VA
1068	NA	-75.5732	37.6722	VA	1140	-4.7	-75.5866	37.6411	VA	1212	-7.6	-75.6	37.6101	VA
1069	-13.2	-75.5734	37.6717	VA	1141	-4.6	-75.5868	37.6406	VA	1213	-7.7	-75.6001	37.6097	VA
1070	-10	-75.5736	37.6713	VA	1142	-4.5	-75.587	37.6402	VA	1214	-7.9	-75.6003	37.6093	VA
1071	-11.9	-75.5738	37.6709	VA	1143	-4.4	-75.5872	37.6397	VA	1215	-7.9	-75.6005	37.6088	VA
1072	-13.8	-75.574	37.6704	VA	1144	-4.3	-75.5874	37.6393	VA	1216	-7.9	-75.6007	37.6084	VA
1073	-14.1	-75.5741	37.67	VA	1145	-4.5	-75.5876	37.6389	VA	1217	-7.7	-75.6009	37.6079	VA
1074	-10.1	-75.5743	37.6696	VA	1146	-4.6	-75.5878	37.6384	VA	1218	-7.5	-75.6011	37.6075	VA
1075	-12.3	-75.5745	37.6691	VA	1147	-4.6	-75.588	37.638	VA	1219	-7.5	-75.6013	37.607	VA
1076	-10.9	-75.5747	37.6687	VA	1148	-4.6	-75.5882	37.6376	VA	1220	-7.5	-75.6015	37.6066	VA
1077	-11.4	-75.5749	37.6682	VA	1149	-4.5	-75.5883	37.6371	VA	1221	-1.3	-75.5981	37.6063	VA
1078	-11.9	-75.5751	37.6678	VA	1150	-4.4	-75.5885	37.6367	VA	1222	-7.2	-75.6016	37.6062	VA
1079	-12.1	-75.5753	37.6674	VA	1151	-4.3	-75.5887	37.6362	VA	1223	-0.9	-75.5981	37.6058	VA
1080	-12.2	-75.5755	37.6669	VA	1152	-4.3	-75.5889	37.6358	VA	1224	-6.9	-75.6018	37.6057	VA
1081	-12.3	-75.5757	37.6665	VA	1153	-4.4	-75.5891	37.6354	VA	1225	-0.7	-75.598	37.6053	VA
1082	-12.4	-75.5759	37.666	VA	1154	-4.4	-75.5893	37.6349	VA	1226	-6.4	-75.602	37.6053	VA
1083	-12.2	-75.5761	37.6656	VA	1155	-4.5	-75.5895	37.6345	VA	1227	-0.5	-75.598	37.6049	VA
1084	-12	-75.5763	37.6652	VA	1156	-4.6	-75.5897	37.634	VA	1228	-5.9	-75.6022	37.6048	VA
1085	-11.6	-75.5764	37.6647	VA	1157	-4.4	-75.5899	37.6336	VA	1229	-0.4	-75.5979	37.6044	VA
1086	-11.2	-75.5766	37.6643	VA	1158	-4.3	-75.59	37.6332	VA	1230	-5.3	-75.6024	37.6044	VA
1087	-10.6	-75.5768	37.6638	VA	1159	-4.3	-75.5902	37.6327	VA	1231	-4.8	-75.6026	37.604	VA
1088	-10	-75.577	37.6634	VA	1160	-4.2	-75.5904	37.6323	VA	1232	-0.2	-75.5979	37.6039	VA
1089	-9.7	-75.5772	37.663	VA	1161	-4.3	-75.5908	37.6318	VA	1233	-0.2	-75.5978	37.6035	VA
1090	-9.4	-75.5774	37.6625	VA	1162	-4.3	-75.5906	37.6318	VA	1234	-4.4	-75.6028	37.6035	VA
1091	-9.3	-75.5776	37.6621	VA	1163	-4.6	-75.591	37.6314	VA	1235	-3.9	-75.603	37.6031	VA
1092	-9.2	-75.5778	37.6616	VA	1164	-4.3	-75.5908	37.6314	VA	1236	-0.2	-75.5978	37.603	VA
1093	-9.1	-75.578	37.6612	VA	1165	-4.7	-75.5911	37.6309	VA	1237	-3.4	-75.6031	37.6026	VA
1094	-9	-75.5782	37.6608	VA	1166	-4.9	-75.5913	37.6305	VA	1238	0	-75.5977	37.6025	VA
1095	-8.9	-75.5784	37.6603	VA	1167	-4.9	-75.5915	37.63	VA	1239	-2.9	-75.6033	37.6022	VA
1096	-8.7	-75.5786	37.6599	VA	1168	-4.8	-75.5917	37.6296	VA	1240	0.2	-75.5977	37.6021	VA
1097	-8.4	-75.5787	37.6594	VA	1169	-4.8	-75.5919	37.6292	VA	1241	-2.8	-75.6035	37.6017	VA
1098	-8	-75.5789	37.659	VA	1170	-4.9	-75.5921	37.6287	VA	1242	0.6	-75.5976	37.6016	VA
1099	-7.5	-75.5791	37.6586	VA	1171	-4.9	-75.5923	37.6283	VA	1243	-2.7	-75.6037	37.6013	VA
1100	-7	-75.5793	37.6581	VA	1172	-5	-75.5925	37.6278	VA	1244	0.9	-75.5976	37.6011	VA
1101	-6.6	-75.5795	37.6577	VA	1173	-5	-75.5926	37.6274	VA	1245	1.2	-75.5975	37.6007	VA
1102	-4.3	-75.5797	37.6573	VA	1174	-5.1	-75.5928	37.627	VA	1246	1.4	-75.5975	37.6002	VA
1103	-6.1	-75.5797	37.6572	VA	1175	-5.1	-75.593	37.6265	VA	1247	1.7	-75.5974	37.5997	VA
1104	-4	-75.5799	37.6569	VA	1176	-5.1	-75.5932	37.6261	VA	1248	1.9	-75.5974	37.5993	VA
1105	-3.9	-75.58	37.6564	VA	1177	-5.2	-75.5934	37.6256	VA	1249	2.1	-75.5973	37.5988	VA
1106	-3.9	-75.5802	37.656	VA	1178	-5.2	-75.5936	37.6252	VA	1250	2.2	-75.5973	37.5983	VA
1107	-3.7	-75.5804	37.6556	VA	1179	-5.4	-75.5938	37.6247	VA	1251	2.5	-75.5972	37.5979	VA
1108	-3.5	-75.5806	37.6551	VA	1180	-5.5	-75.594	37.6243	VA	1252	2.7	-75.5972	37.5974	VA
1109	-3.5	-75.5808	37.6547	VA	1181	-5.6	-75.5941	37.6239	VA	1253	3	-75.5971	37.5969	VA
1110	-3.5	-75.581	37.6543	VA	1182	-5.7	-75.5943	37.6234	VA	1254	3.4	-75.5971	37.5965	VA
1111	-3.4	-75.5812	37.6538	VA	1183	-5.6	-75.5945	37.623	VA	1255	3.8	-75.597	37.596	VA
1112	-3.4	-75.5814	37.6534	VA	1184	-5.6	-75.5947	37.6225	VA	1256	4.2	-75.597	37.5955	VA
1113	-3.5	-75.5816	37.6529	VA	1185	-5.6	-75.5949	37.6221	VA	1257	4.5	-75.5969	37.5951	VA
1114	-3.6	-75.5817	37.6525	VA	1186	-5.6	-75.5951	37.6216	VA	1258	4.8	-75.5969	37.5946	VA
1115	-3.5	-75.5819	37.6521	VA	1187	-5.7	-75.5953	37.6212	VA	1259	4.9	-75.5968	37.5941	VA
1116	-3.5	-75.5821	37.6516	VA	1188	-5.8	-75.5955	37.6208	VA	1260	5.1	-75.5968	37.5937	VA
1117	-3.6	-75.5823	37.6512	VA	1189	-6.1	-75.5956	37.6203	VA	1261	5.2	-75.5967	37.5932	VA
1118	-3.7	-75.5825	37.6507	VA	1190	-6.3	-75.5958	37.6199	VA	1262	5.3	-75.5967	37.5927	VA
1119	-3.6	-75.5827	37.6503	VA	1191	-6.3	-75.596	37.6194	VA	1263	5.7	-75.5966	37.5923	VA
1120	-3.5	-75.5829	37.6499	VA	1192	-6.2	-75.5962	37.619	VA	1264	6.2	-75.5966	37.5918	VA
1121	-3.6	-75.5831	37.6494	VA	1193	-6.1	-75.5964	37.6185	VA	1265	6.7	-75.5965	37.5913	VA
1122	-3.8	-75.5833	37.649	VA	1194	-6	-75.5966	37.6181	VA	1266	7.2	-75.5965	37.5909	VA
1123	-3.8	-75.5834	37.6485	VA	1195	-6.2	-75.5968	37.6177	VA	1267	0.6	-75.5964	37.5904	VA
1124	-3.9	-75.5836	37.6481	VA	1196	-6.4	-75.597	37.6172	VA	1268	0.3	-75.5964	37.59	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1269	0.8	-75.5963	37.5895	VA	1341	-6.5	-75.6032	37.5541	VA	1413	-5	-75.6241	37.5259	VA
1270	1.3	-75.5963	37.589	VA	1342	-6.6	-75.6035	37.5537	VA	1414	-5	-75.6244	37.5255	VA
1271	2.3	-75.5962	37.5886	VA	1343	-6.4	-75.6038	37.5533	VA	1415	-5.1	-75.6247	37.5251	VA
1272	3.2	-75.5962	37.5881	VA	1344	-6.2	-75.6041	37.5529	VA	1416	-5.2	-75.625	37.5247	VA
1273	4.8	-75.5961	37.5876	VA	1345	-6.2	-75.6044	37.5525	VA	1417	-5.3	-75.6253	37.5243	VA
1274	6.3	-75.5961	37.5872	VA	1346	-6.2	-75.6047	37.5521	VA	1418	-5.4	-75.6256	37.5239	VA
1275	7.4	-75.596	37.5867	VA	1347	-6.1	-75.605	37.5517	VA	1419	-5.4	-75.6259	37.5235	VA
1276	8.5	-75.596	37.5862	VA	1348	-6.1	-75.6053	37.5513	VA	1420	-5.4	-75.6262	37.5231	VA
1277	8.1	-75.5959	37.5858	VA	1349	-5.8	-75.6056	37.5509	VA	1421	-5.4	-75.6265	37.5227	VA
1278	8.8	-75.5959	37.5853	VA	1350	-5.5	-75.6059	37.5505	VA	1422	-5.4	-75.6268	37.5223	VA
1279	5.9	-75.5958	37.5848	VA	1351	-5.7	-75.6062	37.5501	VA	1423	-8.2	-75.6255	37.5221	VA
1280	5.8	-75.5958	37.5844	VA	1352	-5.9	-75.6065	37.5497	VA	1424	-5.5	-75.6271	37.5219	VA
1281	22.2	-75.5957	37.5839	VA	1353	-6	-75.6068	37.5493	VA	1425	-10	-75.6258	37.5216	VA
1282	22.9	-75.5957	37.5834	VA	1354	-6.8	-75.6069	37.5492	VA	1426	-5.7	-75.6274	37.5215	VA
1283	23.4	-75.5956	37.583	VA	1355	-6.1	-75.6071	37.5489	VA	1427	-8.3	-75.626	37.5212	VA
1284	24.1	-75.5956	37.5825	VA	1356	-6.8	-75.6072	37.5488	VA	1428	-6.6	-75.6263	37.5208	VA
1285	-4.1	-75.5951	37.5778	VA	1357	-6.9	-75.6075	37.5484	VA	1429	-6.4	-75.6265	37.5204	VA
1286	-2.8	-75.595	37.5774	VA	1358	-7	-75.6078	37.548	VA	1430	-6.2	-75.6268	37.52	VA
1287	-1.4	-75.595	37.5769	VA	1359	-6.9	-75.6081	37.5476	VA	1431	-6.4	-75.627	37.5195	VA
1288	-0.5	-75.5949	37.5764	VA	1360	-6.8	-75.6084	37.5472	VA	1432	-6.6	-75.6273	37.5191	VA
1289	0.4	-75.5949	37.576	VA	1361	-6.7	-75.6087	37.5468	VA	1433	-6.5	-75.6275	37.5187	VA
1290	1.3	-75.5948	37.5755	VA	1362	-6.6	-75.609	37.5464	VA	1434	-6.4	-75.6278	37.5183	VA
1291	2.1	-75.5948	37.575	VA	1363	-6.6	-75.6093	37.546	VA	1435	-6.7	-75.628	37.5179	VA
1292	2.9	-75.5947	37.5746	VA	1364	-6.6	-75.6096	37.5456	VA	1436	-7	-75.6283	37.5174	VA
1293	3.8	-75.5947	37.5741	VA	1365	-6.8	-75.6099	37.5452	VA	1437	-7.1	-75.6285	37.517	VA
1294	11.8	-75.5891	37.5729	VA	1366	-7	-75.6102	37.5448	VA	1438	-7.3	-75.6288	37.5166	VA
1295	10.5	-75.5894	37.5725	VA	1367	-6.9	-75.6105	37.5444	VA	1439	-7.2	-75.629	37.5162	VA
1296	-0.2	-75.5897	37.5721	VA	1368	-6.8	-75.6108	37.544	VA	1440	-7.1	-75.6293	37.5158	VA
1297	2.6	-75.59	37.5717	VA	1369	-7	-75.6111	37.5436	VA	1441	-7.3	-75.6295	37.5153	VA
1298	5.4	-75.5903	37.5713	VA	1370	-7.1	-75.6114	37.5432	VA	1442	-7.5	-75.6298	37.5149	VA
1299	5.9	-75.5906	37.5709	VA	1371	-7.1	-75.6116	37.5428	VA	1443	-7.6	-75.63	37.5145	VA
1300	6.4	-75.5909	37.5705	VA	1372	-7.1	-75.6119	37.5424	VA	1444	-7.7	-75.6303	37.5141	VA
1301	5.6	-75.5912	37.5701	VA	1373	-7.1	-75.6122	37.542	VA	1445	-7.7	-75.6305	37.5137	VA
1302	4.8	-75.5915	37.5697	VA	1374	-7.1	-75.6125	37.5416	VA	1446	-7.9	-75.6308	37.5132	VA
1303	6.1	-75.5918	37.5693	VA	1375	-7	-75.6128	37.5412	VA	1447	-8	-75.6311	37.5128	VA
1304	6.2	-75.5921	37.5689	VA	1376	-6.8	-75.6131	37.5408	VA	1448	-8.2	-75.6313	37.5124	VA
1305	0	-75.5924	37.5685	VA	1377	-6.7	-75.6134	37.5404	VA	1449	-8.6	-75.6316	37.512	VA
1306	-6.2	-75.5927	37.5681	VA	1378	-6.6	-75.6137	37.54	VA	1450	-8.9	-75.6318	37.5116	VA
1307	-7	-75.593	37.5677	VA	1379	-6.5	-75.614	37.5396	VA	1451	-8.8	-75.6321	37.5111	VA
1308	-7.8	-75.5933	37.5673	VA	1380	-6.4	-75.6143	37.5392	VA	1452	-8.7	-75.6323	37.5107	VA
1309	-6.8	-75.5936	37.5669	VA	1381	-6.1	-75.6146	37.5388	VA	1453	-9	-75.6326	37.5103	VA
1310	-5.9	-75.5939	37.5665	VA	1382	-5.9	-75.6149	37.5384	VA	1454	-9.3	-75.6328	37.5099	VA
1311	-5.5	-75.5942	37.5661	VA	1383	-5.9	-75.6152	37.538	VA	1455	-9.2	-75.6331	37.5095	VA
1312	-2	-75.5945	37.5657	VA	1384	-5.9	-75.6155	37.5376	VA	1456	-9.1	-75.6333	37.509	VA
1313	-1.8	-75.5948	37.5653	VA	1385	-6	-75.6158	37.5372	VA	1457	-9.1	-75.6336	37.5086	VA
1314	-1.5	-75.5951	37.5649	VA	1386	-6.1	-75.6161	37.5368	VA	1458	-9.1	-75.6338	37.5082	VA
1315	-1.7	-75.5954	37.5645	VA	1387	-6	-75.6164	37.5364	VA	1459	-9.2	-75.6341	37.5078	VA
1316	-1.8	-75.5957	37.5641	VA	1388	-5.9	-75.6167	37.536	VA	1460	-9.3	-75.6343	37.5074	VA
1317	-1.9	-75.596	37.5637	VA	1389	-5.7	-75.617	37.5355	VA	1461	-9.6	-75.6346	37.507	VA
1318	-2	-75.5963	37.5633	VA	1390	-5.5	-75.6173	37.5351	VA	1462	-9.8	-75.6348	37.5065	VA
1319	-2.1	-75.5966	37.5629	VA	1391	-5.5	-75.6176	37.5347	VA	1463	-9.9	-75.6351	37.5061	VA
1320	-2.2	-75.5969	37.5625	VA	1392	-5.4	-75.6179	37.5343	VA	1464	-10	-75.6353	37.5057	VA
1321	-2.4	-75.5972	37.5621	VA	1393	-5.5	-75.6182	37.5339	VA	1465	-10.1	-75.6356	37.5053	VA
1322	-2.6	-75.5975	37.5617	VA	1394	-5.7	-75.6185	37.5335	VA	1466	-10.2	-75.6358	37.5049	VA
1323	-2.9	-75.5978	37.5613	VA	1395	-5.6	-75.6188	37.5331	VA	1467	-10.2	-75.6361	37.5044	VA
1324	-3.1	-75.5981	37.5609	VA	1396	-5.5	-75.6191	37.5327	VA	1468	-10.4	-75.6363	37.504	VA
1325	-3.4	-75.5984	37.5605	VA	1397	-5.5	-75.6194	37.5323	VA	1469	-10.5	-75.6366	37.5036	VA
1326	-3.7	-75.5987	37.5601	VA	1398	-5.4	-75.6197	37.5319	VA	1470	-10.5	-75.6368	37.5032	VA
1327	-4	-75.599	37.5597	VA	1399	-5.5	-75.62	37.5315	VA	1471	-10.6	-75.6371	37.5028	VA
1328	-4.2	-75.5993	37.5593	VA	1400	-5.5	-75.6203	37.5311	VA	1472	-10.7	-75.6374	37.5023	VA
1329	-4.3	-75.5996	37.5589	VA	1401	-5.5	-75.6206	37.5307	VA	1473	-11	-75.6376	37.5019	VA
1330	-5.2	-75.5999	37.5585	VA	1402	-5.5	-75.6209	37.5303	VA	1474	-11.2	-75.6379	37.5015	VA
1331	-5.4	-75.6002	37.5581	VA	1403	-5.4	-75.6212	37.5299	VA	1475	-11.4	-75.6381	37.5011	VA
1332	-5.5	-75.6005	37.5577	VA	1404	-5.4	-75.6215	37.5295	VA	1476	-11.6	-75.6384	37.5007	VA
1333	-5.7	-75.6008	37.5573	VA	1405	-5.4	-75.6218	37.5291	VA	1477	-11.7	-75.6386	37.5002	VA
1334	-5.9	-75.6011	37.5569	VA	1406	-5.4	-75.6221	37.5287	VA	1478	-11.8	-75.6389	37.4998	VA
1335	-6	-75.6014	37.5565	VA	1407	-5.2	-75.6223	37.5283	VA	1479	-11.8	-75.6391	37.4994	VA
1336	-6.1	-75.6017	37.5561	VA	1408	-5	-75.6226	37.5279	VA	1480	-11.8	-75.6394	37.499	VA
1337	-6.2	-75.602	37.5557	VA	1409	-5	-75.6229	37.5275	VA	1481	-11.8	-75.6396	37.4986	VA
1338	-6.2	-75.6023	37.5553	VA	1410	-5	-75.6232	37.5271	VA	1482	-11.8	-75.6399	37.4981	VA
1339	-6.3	-75.6026	37.5549	VA	1411	-5	-75.6235	37.5267	VA	1483	-12	-75.6401	37.4977	VA
1340	-6.4	-75.6029	37.5545	VA	1412	-5	-75.6238	37.5263	VA	1484	-12.1	-75.6404	37.4973	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1485	-14.1	-75.6406	37.4969	VA	1557	-5	-75.6553	37.4662	VA	1629	3	-75.6618	37.43	VA
1486	-16.1	-75.6409	37.4965	VA	1558	15.4	-75.6555	37.4657	VA	1630	3.7	-75.6622	37.4296	VA
1487	-14.2	-75.6411	37.496	VA	1559	3	-75.651	37.4605	VA	1631	4.3	-75.6626	37.4293	VA
1488	-12.3	-75.6414	37.4956	VA	1560	0.6	-75.6511	37.4601	VA	1632	4.6	-75.663	37.429	VA
1489	-12.4	-75.6416	37.4952	VA	1561	-9	-75.6512	37.4596	VA	1633	4.9	-75.6634	37.4286	VA
1490	-12.5	-75.6419	37.4948	VA	1562	-6.2	-75.6512	37.4591	VA	1634	4.9	-75.6638	37.4283	VA
1491	-12.4	-75.6421	37.4944	VA	1563	-2.6	-75.6513	37.4587	VA	1635	4.9	-75.6642	37.4279	VA
1492	-12.3	-75.6424	37.4939	VA	1564	-2.4	-75.6514	37.4582	VA	1636	4.2	-75.6646	37.4276	VA
1493	-12.5	-75.6426	37.4935	VA	1565	-2.1	-75.6515	37.4578	VA	1637	3.7	-75.665	37.4272	VA
1494	-12.7	-75.6429	37.4931	VA	1566	-1.9	-75.6516	37.4573	VA	1638	4.1	-75.6654	37.4269	VA
1495	-12.6	-75.6401	37.4924	VA	1567	-1.7	-75.6517	37.4568	VA	1639	4.5	-75.6658	37.4265	VA
1496	-12.9	-75.6403	37.4919	VA	1568	-1.2	-75.6518	37.4564	VA	1640	4.3	-75.6662	37.4262	VA
1497	-13	-75.6406	37.4915	VA	1569	-0.7	-75.6519	37.4559	VA	1641	4.2	-75.6666	37.4259	VA
1498	-13.2	-75.6408	37.4911	VA	1570	-0.3	-75.652	37.4555	VA	1642	3.9	-75.667	37.4255	VA
1499	-13.4	-75.6411	37.4907	VA	1571	0.2	-75.6521	37.455	VA	1643	3.7	-75.6674	37.4252	VA
1500	-13.6	-75.6413	37.4902	VA	1572	0.7	-75.6522	37.4545	VA	1644	3.7	-75.6677	37.4248	VA
1501	-13.6	-75.6416	37.4898	VA	1573	1.2	-75.6523	37.4541	VA	1645	3.8	-75.6681	37.4245	VA
1502	-13.7	-75.6418	37.4894	VA	1574	1.4	-75.6523	37.4536	VA	1646	4.1	-75.6685	37.4241	VA
1503	-13.7	-75.6421	37.489	VA	1575	1.6	-75.6524	37.4532	VA	1647	4.3	-75.6689	37.4238	VA
1504	-13.7	-75.6423	37.4886	VA	1576	1.8	-75.6525	37.4527	VA	1648	4.9	-75.6693	37.4235	VA
1505	-13.9	-75.6425	37.4881	VA	1577	2.1	-75.6526	37.4522	VA	1649	5.4	-75.6697	37.4231	VA
1506	-14.1	-75.6428	37.4877	VA	1578	2.5	-75.6527	37.4518	VA	1650	5.6	-75.6701	37.4228	VA
1507	-14.1	-75.643	37.4873	VA	1579	3	-75.6528	37.4513	VA	1651	5.7	-75.6705	37.4224	VA
1508	-14.1	-75.6433	37.4869	VA	1580	3.8	-75.6529	37.4509	VA	1652	5.9	-75.6709	37.4221	VA
1509	-14.3	-75.6435	37.4864	VA	1581	4.5	-75.653	37.4504	VA	1653	6.1	-75.6713	37.4217	VA
1510	-14.5	-75.6438	37.486	VA	1582	5.1	-75.6531	37.45	VA	1654	6.1	-75.6717	37.4214	VA
1511	-14.5	-75.644	37.4856	VA	1583	5.7	-75.6532	37.4495	VA	1655	6.1	-75.6721	37.421	VA
1512	-14.5	-75.6443	37.4852	VA	1584	6.8	-75.6533	37.449	VA	1656	6	-75.6725	37.4207	VA
1513	-14.5	-75.6445	37.4847	VA	1585	7.8	-75.6534	37.4486	VA	1657	5.9	-75.6729	37.4204	VA
1514	-14.5	-75.6447	37.4843	VA	1586	8.5	-75.6534	37.4481	VA	1658	5.9	-75.6733	37.42	VA
1515	-14.5	-75.645	37.4839	VA	1587	9.2	-75.6535	37.4477	VA	1659	5.9	-75.6737	37.4197	VA
1516	-14.5	-75.6452	37.4835	VA	1588	10	-75.6536	37.4472	VA	1660	5.8	-75.6741	37.4193	VA
1517	-14.5	-75.6455	37.4831	VA	1589	10.8	-75.6537	37.4467	VA	1661	5.7	-75.6745	37.419	VA
1518	-14.6	-75.6457	37.4826	VA	1590	11.8	-75.6538	37.4463	VA	1662	5.8	-75.6749	37.4186	VA
1519	-14.6	-75.646	37.4822	VA	1591	12.9	-75.6539	37.4458	VA	1663	5.9	-75.6753	37.4183	VA
1520	-14.5	-75.6462	37.4818	VA	1592	13.7	-75.654	37.4454	VA	1664	5.9	-75.6757	37.418	VA
1521	-14.4	-75.6465	37.4814	VA	1593	14.6	-75.6541	37.4449	VA	1665	5.9	-75.6761	37.4176	VA
1522	-14.3	-75.6467	37.4809	VA	1594	15	-75.6542	37.4444	VA	1666	5.9	-75.6765	37.4173	VA
1523	-14.3	-75.647	37.4805	VA	1595	15.3	-75.6543	37.444	VA	1667	5.9	-75.6769	37.4169	VA
1524	-14.3	-75.6472	37.4801	VA	1596	14.9	-75.6544	37.4435	VA	1668	5.9	-75.6772	37.4166	VA
1525	-14.1	-75.6474	37.4797	VA	1597	14.4	-75.6545	37.4431	VA	1669	5.9	-75.6776	37.4162	VA
1526	-13.9	-75.6477	37.4793	VA	1598	13.9	-75.6545	37.4426	VA	1670	5.9	-75.678	37.4159	VA
1527	-13.6	-75.6479	37.4788	VA	1599	13.4	-75.6546	37.4421	VA	1671	5.9	-75.6784	37.4155	VA
1528	-13.4	-75.6482	37.4784	VA	1600	12.9	-75.6547	37.4417	VA	1672	5.9	-75.6788	37.4152	VA
1529	-13.4	-75.6484	37.478	VA	1601	12.3	-75.6548	37.4412	VA	1673	5.9	-75.6792	37.4149	VA
1530	-13.4	-75.6487	37.4776	VA	1602	12.2	-75.6549	37.4408	VA	1674	4.2	-75.6795	37.4148	VA
1531	-13.1	-75.6489	37.4771	VA	1603	12	-75.655	37.4403	VA	1675	5.8	-75.6796	37.4145	VA
1532	-12.9	-75.6492	37.4767	VA	1604	12	-75.6551	37.4399	VA	1676	4	-75.6798	37.4144	VA
1533	-12.7	-75.6494	37.4763	VA	1605	12	-75.6552	37.4394	VA	1677	5.7	-75.68	37.4142	VA
1534	-12.5	-75.6496	37.4759	VA	1606	11.6	-75.6553	37.4389	VA	1678	3.9	-75.6801	37.414	VA
1535	-12.5	-75.6499	37.4755	VA	1607	11.1	-75.6554	37.4385	VA	1679	3.8	-75.6804	37.4136	VA
1536	-12.5	-75.6501	37.475	VA	1608	10.1	-75.6555	37.438	VA	1680	3.8	-75.6807	37.4132	VA
1537	-12.5	-75.6504	37.4746	VA	1609	9	-75.6556	37.4376	VA	1681	3.7	-75.681	37.4128	VA
1538	-12.5	-75.6506	37.4742	VA	1610	8.2	-75.6556	37.4371	VA	1682	3.7	-75.6813	37.4124	VA
1539	-12.7	-75.6509	37.4738	VA	1611	7.5	-75.6557	37.4366	VA	1683	3.7	-75.6816	37.412	VA
1540	-13	-75.6511	37.4733	VA	1612	13.8	-75.6551	37.4358	VA	1684	3.7	-75.6819	37.4116	VA
1541	-13.5	-75.6514	37.4729	VA	1613	13.4	-75.6555	37.4355	VA	1685	3.7	-75.6822	37.4112	VA
1542	-13.9	-75.6516	37.4725	VA	1614	12.8	-75.6559	37.4351	VA	1686	3.5	-75.6825	37.4108	VA
1543	-14.4	-75.6519	37.4721	VA	1615	12.2	-75.6563	37.4348	VA	1687	3.3	-75.6828	37.4104	VA
1544	-14.8	-75.6521	37.4717	VA	1616	11.3	-75.6567	37.4345	VA	1688	3	-75.6832	37.4101	VA
1545	-15.4	-75.6523	37.4712	VA	1617	10.4	-75.6571	37.4341	VA	1689	2.6	-75.6835	37.4097	VA
1546	-15.9	-75.6526	37.4708	VA	1618	9.5	-75.6575	37.4338	VA	1690	2.3	-75.6838	37.4093	VA
1547	-17.1	-75.6528	37.4704	VA	1619	8.5	-75.6579	37.4334	VA	1691	1.9	-75.6841	37.4089	VA
1548	-18.4	-75.6531	37.47	VA	1620	7.6	-75.6582	37.4331	VA	1692	1.6	-75.6844	37.4085	VA
1549	-19.6	-75.6533	37.4695	VA	1621	6.8	-75.6586	37.4327	VA	1693	1.2	-75.6847	37.4081	VA
1550	-20.9	-75.6536	37.4691	VA	1622	5.8	-75.659	37.4324	VA	1694	0.8	-75.685	37.4077	VA
1551	-7.7	-75.6538	37.4687	VA	1623	4.9	-75.6594	37.432	VA	1695	0.3	-75.6853	37.4073	VA
1552	-8.3	-75.6541	37.4683	VA	1624	3.9	-75.6598	37.4317	VA	1696	0	-75.6856	37.4069	VA
1553	-8.5	-75.6543	37.4678	VA	1625	3	-75.6602	37.4314	VA	1697	-0.3	-75.6859	37.4065	VA
1554	-8.7	-75.6545	37.4674	VA	1626	2	-75.6606	37.431	VA	1698	-0.7	-75.6862	37.4061	VA
1555	-12.8	-75.6548	37.467	VA	1627	1	-75.661	37.4307	VA	1699	-1	-75.6865	37.4057	VA
1556	-17	-75.655	37.4666	VA	1628	2	-75.6614	37.4303	VA	1700	-1.4	-75.6868	37.4053	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1701	-1.7	-75.6871	37.4049	VA	1773	0.1	-75.7036	37.3794	VA	1845	7.1	-75.7184	37.3436	VA
1702	-2.2	-75.6874	37.4045	VA	1774	1	-75.7038	37.3789	VA	1846	5.7	-75.7186	37.3431	VA
1703	-2.6	-75.6877	37.4041	VA	1775	1.9	-75.704	37.3785	VA	1847	4.3	-75.7188	37.3427	VA
1704	-3	-75.688	37.4037	VA	1776	2.8	-75.7042	37.3781	VA	1848	4	-75.719	37.3423	VA
1705	-3.5	-75.6883	37.4033	VA	1777	3.2	-75.7045	37.3776	VA	1849	3.7	-75.7192	37.3418	VA
1706	-3.9	-75.6886	37.4029	VA	1778	3.7	-75.7047	37.3772	VA	1850	3.2	-75.7194	37.3414	VA
1707	-4.3	-75.6889	37.4025	VA	1779	4.2	-75.7049	37.3768	VA	1851	2.8	-75.7196	37.341	VA
1708	-4.7	-75.6892	37.4021	VA	1780	4.7	-75.7051	37.3763	VA	1852	2.4	-75.7199	37.3405	VA
1709	-5	-75.6895	37.4017	VA	1781	5.5	-75.7053	37.3759	VA	1853	2.1	-75.7201	37.3401	VA
1710	-5.2	-75.6898	37.4013	VA	1782	6.3	-75.7055	37.3755	VA	1854	1.7	-75.7203	37.3397	VA
1711	-5.4	-75.6901	37.4009	VA	1783	6.8	-75.7058	37.375	VA	1855	1.2	-75.7205	37.3392	VA
1712	-5.4	-75.6904	37.4005	VA	1784	7.3	-75.706	37.3746	VA	1856	-1.6	-75.7207	37.3388	VA
1713	-5.4	-75.6907	37.4001	VA	1785	7.9	-75.7062	37.3742	VA	1857	-2.3	-75.7209	37.3384	VA
1714	-5.4	-75.691	37.3997	VA	1786	8.5	-75.7064	37.3737	VA	1858	-2.7	-75.7211	37.3379	VA
1715	-5.4	-75.6913	37.3993	VA	1787	9.4	-75.7066	37.3733	VA	1859	9.7	-75.7213	37.3375	VA
1716	-5.7	-75.6916	37.3989	VA	1788	10.3	-75.7068	37.3728	VA	1860	8.7	-75.7216	37.3371	VA
1717	-6.1	-75.6919	37.3985	VA	1789	3.4	-75.707	37.3724	VA	1861	7.6	-75.7218	37.3366	VA
1718	-6.4	-75.6922	37.3981	VA	1790	4.6	-75.7073	37.372	VA	1862	6.8	-75.722	37.3362	VA
1719	-6.6	-75.6925	37.3977	VA	1791	6	-75.7075	37.3715	VA	1863	5.9	-75.7222	37.3358	VA
1720	-6.7	-75.6928	37.3973	VA	1792	7.5	-75.7077	37.3711	VA	1864	5.1	-75.7224	37.3353	VA
1721	-6.8	-75.6931	37.3969	VA	1793	10.5	-75.7079	37.3707	VA	1865	4.3	-75.7226	37.3349	VA
1722	-7	-75.6934	37.3965	VA	1794	13.5	-75.7081	37.3702	VA	1866	3.5	-75.7228	37.3345	VA
1723	-7.3	-75.6937	37.3961	VA	1795	11.7	-75.7083	37.3698	VA	1867	2.8	-75.723	37.334	VA
1724	-7.6	-75.6941	37.3958	VA	1796	14.6	-75.7086	37.3694	VA	1868	2.1	-75.7233	37.3336	VA
1725	-8	-75.6944	37.3954	VA	1797	5.9	-75.7088	37.3689	VA	1869	-1.4	-75.7257	37.3333	VA
1726	-8.1	-75.6947	37.395	VA	1798	6.1	-75.709	37.3685	VA	1870	1.4	-75.7235	37.3332	VA
1727	-8.2	-75.695	37.3946	VA	1799	7.2	-75.7092	37.3681	VA	1871	-2.3	-75.7261	37.333	VA
1728	-8.3	-75.6953	37.3942	VA	1800	8.4	-75.7094	37.3676	VA	1872	-2.7	-75.7265	37.3326	VA
1729	-8.5	-75.6956	37.3938	VA	1801	10.7	-75.7096	37.3672	VA	1873	2.3	-75.7269	37.3323	VA
1730	-8.7	-75.6959	37.3934	VA	1802	13.1	-75.7098	37.3668	VA	1874	1.8	-75.7273	37.332	VA
1731	-8.9	-75.6962	37.393	VA	1803	29.9	-75.7101	37.3663	VA	1875	1.4	-75.7277	37.3316	VA
1732	-9.7	-75.6969	37.3929	VA	1804	NA	-75.7103	37.3659	VA	1876	1	-75.7281	37.3313	VA
1733	-9	-75.6965	37.3926	VA	1805	NA	-75.7105	37.3654	VA	1877	0.7	-75.7285	37.3309	VA
1734	-9.6	-75.6971	37.3924	VA	1806	NA	-75.7107	37.365	VA	1878	0.3	-75.7289	37.3306	VA
1735	-9.2	-75.6968	37.3922	VA	1807	NA	-75.7109	37.3646	VA	1879	-0.2	-75.7293	37.3303	VA
1736	-9.6	-75.6973	37.392	VA	1808	NA	-75.7111	37.3641	VA	1880	-0.5	-75.7297	37.3299	VA
1737	-9.5	-75.6971	37.3918	VA	1809	NA	-75.7114	37.3637	VA	1881	-0.9	-75.7301	37.3296	VA
1738	-9.5	-75.6976	37.3916	VA	1810	NA	-75.7116	37.3633	VA	1882	-1.1	-75.7305	37.3292	VA
1739	-9.7	-75.6974	37.3914	VA	1811	NA	-75.7118	37.3628	VA	1883	-1.4	-75.7309	37.3289	VA
1740	-9.4	-75.6978	37.3911	VA	1812	NA	-75.712	37.3624	VA	1884	-1.6	-75.7313	37.3286	VA
1741	-9.8	-75.6977	37.391	VA	1813	NA	-75.7116	37.3575	VA	1885	-1.9	-75.7317	37.3282	VA
1742	-9.4	-75.698	37.3907	VA	1814	NA	-75.7118	37.357	VA	1886	-2.1	-75.7321	37.3279	VA
1743	-9.9	-75.698	37.3906	VA	1815	NA	-75.712	37.3566	VA	1887	-2.3	-75.7325	37.3276	VA
1744	-9.4	-75.6982	37.3903	VA	1816	NA	-75.7122	37.3562	VA	1888	-2.5	-75.7329	37.3272	VA
1745	-10	-75.6983	37.3902	VA	1817	NA	-75.7124	37.3557	VA	1889	-2.8	-75.7333	37.3269	VA
1746	-9.3	-75.6984	37.3898	VA	1818	NA	-75.7126	37.3553	VA	1890	-3.1	-75.7337	37.3265	VA
1747	-10.1	-75.6986	37.3898	VA	1819	NA	-75.7128	37.3549	VA	1891	-3.3	-75.7341	37.3262	VA
1748	-9.2	-75.6986	37.3894	VA	1820	-37.7	-75.7131	37.3544	VA	1892	-3.5	-75.7345	37.3259	VA
1749	-10.2	-75.6989	37.3894	VA	1821	-34.9	-75.7133	37.354	VA	1893	-3.7	-75.7349	37.3255	VA
1750	-10.3	-75.6992	37.389	VA	1822	-33.5	-75.7135	37.3536	VA	1894	-3.8	-75.7353	37.3252	VA
1751	-8.9	-75.6989	37.3889	VA	1823	-32.2	-75.7137	37.3531	VA	1895	-4	-75.7357	37.3248	VA
1752	-8.7	-75.6991	37.3885	VA	1824	-30.8	-75.7139	37.3527	VA	1896	-4.1	-75.7361	37.3245	VA
1753	-8.5	-75.6993	37.3881	VA	1825	-29.4	-75.7141	37.3523	VA	1897	-4.2	-75.7365	37.3242	VA
1754	-8.3	-75.6995	37.3876	VA	1826	-27.8	-75.7143	37.3518	VA	1898	-4.1	-75.7369	37.3238	VA
1755	-8.1	-75.6997	37.3872	VA	1827	-26.3	-75.7145	37.3514	VA	1899	-4	-75.7373	37.3235	VA
1756	-7.8	-75.6999	37.3868	VA	1828	-25.2	-75.7148	37.351	VA	1900	-4.2	-75.7377	37.3231	VA
1757	-7.5	-75.7001	37.3863	VA	1829	-24.1	-75.715	37.3505	VA	1901	-4.3	-75.7381	37.3228	VA
1758	-7.1	-75.7004	37.3859	VA	1830	-23.3	-75.7152	37.3501	VA	1902	-4.5	-75.7385	37.3225	VA
1759	-6.8	-75.7006	37.3855	VA	1831	-18.1	-75.7154	37.3497	VA	1903	-4.7	-75.7389	37.3221	VA
1760	-6.4	-75.7008	37.385	VA	1832	-15.6	-75.7156	37.3492	VA	1904	-4.9	-75.7393	37.3218	VA
1761	-6	-75.701	37.3846	VA	1833	-13.2	-75.7158	37.3488	VA	1905	-5	-75.7397	37.3214	VA
1762	-5.6	-75.7012	37.3842	VA	1834	-11.6	-75.716	37.3484	VA	1906	-5.3	-75.7401	37.3211	VA
1763	-5.1	-75.7014	37.3837	VA	1835	-9.9	-75.7162	37.3479	VA	1907	-5.6	-75.7405	37.3208	VA
1764	-4.7	-75.7017	37.3833	VA	1836	-7.5	-75.7165	37.3475	VA	1908	-5.6	-75.7409	37.3204	VA
1765	-4.3	-75.7019	37.3829	VA	1837	-5	-75.7167	37.347	VA	1909	-5.6	-75.7413	37.3201	VA
1766	-4	-75.7021	37.3824	VA	1838	-1.6	-75.7169	37.3466	VA	1910	-5.5	-75.7417	37.3197	VA
1767	-3.7	-75.7023	37.382	VA	1839	1.9	-75.7171	37.3462	VA	1911	-5.4	-75.7421	37.3194	VA
1768	-3.3	-75.7025	37.3815	VA	1840	3.1	-75.7173	37.3457	VA	1912	-5.5	-75.7425	37.3191	VA
1769	-2.8	-75.7027	37.3811	VA	1841	4.3	-75.7175	37.3453	VA	1913	-5.6	-75.7429	37.3187	VA
1770	-2.3	-75.7029	37.3807	VA	1842	4.9	-75.7177	37.3449	VA	1914	-5.7	-75.7433	37.3184	VA
1771	-1.6	-75.7032	37.3802	VA	1843	5.4	-75.7179	37.3444	VA	1915	-5.9	-75.7437	37.318	VA
1772	-0.9	-75.7034	37.3798	VA	1844	6.3	-75.7182	37.344	VA	1916	-5.9	-75.7441	37.3177	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1917	-5.9	-75.7445	37.3174	VA	1989	54.3	-75.7796	37.2944	VA	2061	-2	-75.7826	37.2686	VA
1918	-6	-75.7449	37.317	VA	1990	-6.8	-75.772	37.2942	VA	2062	-1.6	-75.7827	37.2681	VA
1919	-6.1	-75.7453	37.3167	VA	1991	52.2	-75.7796	37.294	VA	2063	-1.1	-75.7829	37.2677	VA
1920	-6.2	-75.7457	37.3163	VA	1992	-7.5	-75.7724	37.2939	VA	2064	-0.7	-75.783	37.2672	VA
1921	-6.3	-75.7461	37.316	VA	1993	-8.2	-75.7728	37.2936	VA	2065	-0.6	-75.7831	37.2668	VA
1922	-6.4	-75.7465	37.3157	VA	1994	50.1	-75.7797	37.2935	VA	2066	-0.5	-75.7833	37.2663	VA
1923	-6.4	-75.7469	37.3153	VA	1995	-18.3	-75.7732	37.2932	VA	2067	-0.6	-75.7834	37.2659	VA
1924	-6.3	-75.7473	37.315	VA	1996	49.1	-75.7797	37.2931	VA	2068	-0.7	-75.7835	37.2654	VA
1925	-6.1	-75.7477	37.3147	VA	1997	-28.3	-75.7736	37.2929	VA	2069	-0.9	-75.7836	37.265	VA
1926	-6	-75.7481	37.3143	VA	1998	48.1	-75.7798	37.2926	VA	2070	-1.2	-75.7838	37.2645	VA
1927	-5.9	-75.7485	37.314	VA	1999	-28.3	-75.774	37.2925	VA	2071	-1.7	-75.7839	37.2641	VA
1928	-5.9	-75.7489	37.3136	VA	2000	-28.3	-75.7744	37.2922	VA	2072	-2.1	-75.784	37.2636	VA
1929	-5.9	-75.7493	37.3133	VA	2001	47.4	-75.7798	37.2921	VA	2073	-2.3	-75.7842	37.2631	VA
1930	-6	-75.7497	37.313	VA	2002	-15.8	-75.7748	37.2919	VA	2074	-2.4	-75.7843	37.2627	VA
1931	-6.1	-75.7501	37.3126	VA	2003	43.5	-75.7799	37.2917	VA	2075	-2.9	-75.7844	37.2622	VA
1932	-6.1	-75.7505	37.3123	VA	2004	-3.2	-75.7752	37.2915	VA	2076	-3.3	-75.7845	37.2618	VA
1933	-6.1	-75.7509	37.3119	VA	2005	40.8	-75.7799	37.2912	VA	2077	-3.8	-75.7847	37.2613	VA
1934	-6.2	-75.7513	37.3116	VA	2006	-2.7	-75.7756	37.2912	VA	2078	-4.3	-75.7848	37.2609	VA
1935	-6.3	-75.7517	37.3113	VA	2007	-2.2	-75.776	37.2909	VA	2079	-6.1	-75.7849	37.2604	VA
1936	-6.1	-75.7521	37.3109	VA	2008	38.1	-75.78	37.2907	VA	2080	-7.8	-75.785	37.26	VA
1937	-5.9	-75.7525	37.3106	VA	2009	-2.3	-75.7764	37.2905	VA	2081	-6.6	-75.7852	37.2595	VA
1938	-5.9	-75.7529	37.3102	VA	2010	18	-75.78	37.2903	VA	2082	-5.4	-75.7853	37.2591	VA
1939	-10.1	-75.7531	37.3101	VA	2011	-2.5	-75.7768	37.2902	VA	2083	-5.8	-75.7854	37.2586	VA
1940	-5.9	-75.7533	37.3099	VA	2012	-2.1	-75.7801	37.2898	VA	2084	-6.3	-75.7856	37.2582	VA
1941	-10	-75.7535	37.3098	VA	2013	-2.5	-75.7772	37.2898	VA	2085	-7.1	-75.7857	37.2577	VA
1942	-9.7	-75.7539	37.3094	VA	2014	-2.5	-75.7776	37.2895	VA	2086	-7.8	-75.7858	37.2572	VA
1943	-9.5	-75.7543	37.3091	VA	2015	-2.7	-75.7801	37.2894	VA	2087	-8.4	-75.7859	37.2568	VA
1944	-9.2	-75.7547	37.3088	VA	2016	-3.3	-75.7802	37.2889	VA	2088	-9	-75.7861	37.2563	VA
1945	-9	-75.7551	37.3084	VA	2017	-3.4	-75.7802	37.2884	VA	2089	-9	-75.7862	37.2559	VA
1946	-8.7	-75.7555	37.3081	VA	2018	-3.5	-75.7802	37.288	VA	2090	-9	-75.7863	37.2554	VA
1947	-8.4	-75.7559	37.3078	VA	2019	-3.5	-75.7803	37.2875	VA	2091	-8.9	-75.7865	37.255	VA
1948	-8.2	-75.7563	37.3074	VA	2020	-3.5	-75.7803	37.287	VA	2092	-8.9	-75.7866	37.2545	VA
1949	-7.9	-75.7567	37.3071	VA	2021	-4	-75.7804	37.2866	VA	2093	-8.8	-75.7867	37.2541	VA
1950	-7.6	-75.7571	37.3067	VA	2022	-4.5	-75.7804	37.2861	VA	2094	-8.7	-75.7868	37.2536	VA
1951	-7.3	-75.7575	37.3064	VA	2023	-4.6	-75.7805	37.2856	VA	2095	-8.7	-75.787	37.2532	VA
1952	-7.7	-75.7579	37.3061	VA	2024	-4.7	-75.7805	37.2852	VA	2096	-8.7	-75.7871	37.2527	VA
1953	-8.1	-75.7583	37.3057	VA	2025	-4.8	-75.7806	37.2847	VA	2097	-9.1	-75.7872	37.2523	VA
1954	-8.1	-75.7587	37.3054	VA	2026	-4.9	-75.7806	37.2843	VA	2098	-9.6	-75.7874	37.2518	VA
1955	-8.1	-75.7591	37.3051	VA	2027	-4.5	-75.7807	37.2838	VA	2099	-9.9	-75.7875	37.2514	VA
1956	-8	-75.7595	37.3047	VA	2028	-4.2	-75.7807	37.2833	VA	2100	-10.3	-75.7876	37.2509	VA
1957	-7.9	-75.7599	37.3044	VA	2029	-3.9	-75.7808	37.2829	VA	2101	-10.3	-75.7877	37.2504	VA
1958	-7.7	-75.7603	37.304	VA	2030	-3.7	-75.7808	37.2824	VA	2102	-10.3	-75.7879	37.25	VA
1959	-7.5	-75.7607	37.3037	VA	2031	-3.6	-75.7809	37.2819	VA	2103	-10.8	-75.788	37.2495	VA
1960	-7.7	-75.7611	37.3034	VA	2032	-3.5	-75.7809	37.2815	VA	2104	-11.3	-75.7881	37.2491	VA
1961	-7.9	-75.7615	37.303	VA	2033	-3.4	-75.7809	37.281	VA	2105	-12.9	-75.7883	37.2486	VA
1962	-7.8	-75.7619	37.3027	VA	2034	-3.3	-75.781	37.2805	VA	2106	-14.4	-75.7884	37.2482	VA
1963	-7.7	-75.7623	37.3023	VA	2035	-3.2	-75.781	37.2801	VA	2107	-15.8	-75.7885	37.2477	VA
1964	-7.1	-75.7627	37.302	VA	2036	-3.1	-75.7811	37.2796	VA	2108	-17.2	-75.7886	37.2473	VA
1965	-6.5	-75.7631	37.3017	VA	2037	-2.8	-75.7811	37.2792	VA	2109	-17.4	-75.7888	37.2468	VA
1966	-6	-75.7635	37.3013	VA	2038	-2.4	-75.7812	37.2787	VA	2110	-17.6	-75.7889	37.2464	VA
1967	-5.6	-75.7639	37.301	VA	2039	-2.3	-75.7812	37.2782	VA	2111	-18.4	-75.7841	37.2327	VA
1968	-5.2	-75.7643	37.3007	VA	2040	-2.1	-75.7813	37.2778	VA	2112	-19	-75.7843	37.2323	VA
1969	-4.8	-75.7647	37.3003	VA	2041	-2.3	-75.7813	37.2773	VA	2113	-47.8	-75.7845	37.2319	VA
1970	-4.7	-75.7651	37.3	VA	2042	-2.4	-75.7814	37.2768	VA	2114	-46.8	-75.7846	37.2314	VA
1971	-4.7	-75.7655	37.2996	VA	2043	-2.4	-75.7814	37.2764	VA	2115	-45.7	-75.7848	37.231	VA
1972	-4.6	-75.7659	37.2993	VA	2044	-2.3	-75.7815	37.2759	VA	2116	-44.7	-75.785	37.2305	VA
1973	-4.5	-75.7663	37.299	VA	2045	-2.5	-75.7815	37.2755	VA	2117	-43.6	-75.7852	37.2301	VA
1974	-4.4	-75.7668	37.2986	VA	2046	-2.8	-75.7815	37.275	VA	2118	-42.2	-75.7854	37.2296	VA
1975	-4.3	-75.7672	37.2983	VA	2047	-3	-75.7816	37.2745	VA	2119	-40.7	-75.7856	37.2292	VA
1976	-3.9	-75.7676	37.298	VA	2048	-3.1	-75.7816	37.2741	VA	2120	-40.2	-75.7858	37.2288	VA
1977	-3.6	-75.768	37.2976	VA	2049	-3	-75.7817	37.2736	VA	2121	-39.8	-75.786	37.2283	VA
1978	-3.4	-75.7684	37.2973	VA	2050	-2.8	-75.7817	37.2731	VA	2122	-38.9	-75.7861	37.2279	VA
1979	-3.2	-75.7688	37.2969	VA	2051	-2.9	-75.7818	37.2727	VA	2123	-37.9	-75.7863	37.2274	VA
1980	-3.3	-75.7692	37.2966	VA	2052	-3	-75.7818	37.2722	VA	2124	-37.6	-75.7865	37.227	VA
1981	-3.4	-75.7696	37.2963	VA	2053	-2.5	-75.7819	37.2717	VA	2125	-37.2	-75.7867	37.2266	VA
1982	-3.9	-75.77	37.2959	VA	2054	-2.1	-75.7819	37.2713	VA	2126	-36.9	-75.7869	37.2261	VA
1983	-4.5	-75.7704	37.2956	VA	2055	-1.7	-75.782	37.2708	VA	2127	-36.7	-75.7871	37.2257	VA
1984	NA	-75.7795	37.2954	VA	2056	-1.4	-75.782	37.2704	VA	2128	-36.2	-75.7873	37.2252	VA
1985	-5	-75.7708	37.2953	VA	2057	-1	-75.7821	37.2699	VA	2129	-35.6	-75.7875	37.2248	VA
1986	NA	-75.7796	37.2949	VA	2058	-2.7	-75.7824	37.2695	VA	2130	-34.9	-75.7876	37.2244	VA
1987	-5.6	-75.7712	37.2949	VA	2059	-0.7	-75.7821	37.2694	VA	2131	-34.2	-75.7878	37.2239	VA
1988	-6.2	-75.7716	37.2946	VA	2060	-2.4	-75.7825	37.269	VA	2132	-33.5	-75.788	37.2235	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2133	-32.7	-75.7882	37.223	VA	2205	-5.2	-75.8011	37.1911	VA	2277	-8.2	-75.8317	37.1655	VA
2134	-32	-75.7884	37.2226	VA	2206	-5.2	-75.8014	37.1906	VA	2278	-8.2	-75.8321	37.1652	VA
2135	-31.3	-75.7886	37.2222	VA	2207	-5.2	-75.8017	37.1902	VA	2279	-8.3	-75.8325	37.1649	VA
2136	-30.8	-75.7888	37.2217	VA	2208	-5.3	-75.8019	37.1898	VA	2280	-8.3	-75.8329	37.1646	VA
2137	-30.3	-75.789	37.2213	VA	2209	-5.4	-75.8022	37.1894	VA	2281	-8.3	-75.8334	37.1643	VA
2138	-30.3	-75.7891	37.2208	VA	2210	-5.4	-75.8025	37.189	VA	2282	-8.5	-75.8338	37.164	VA
2139	-30.3	-75.7893	37.2204	VA	2211	-5.4	-75.8027	37.1886	VA	2283	-8.7	-75.8342	37.1636	VA
2140	-26.4	-75.7895	37.2199	VA	2212	-5.6	-75.803	37.1882	VA	2284	-8.9	-75.8347	37.1633	VA
2141	-22.4	-75.7897	37.2195	VA	2213	-5.7	-75.8033	37.1878	VA	2285	-9	-75.8351	37.163	VA
2142	-21.1	-75.7899	37.2191	VA	2214	-5.8	-75.8036	37.1873	VA	2286	-9	-75.8355	37.1627	VA
2143	-19.8	-75.7901	37.2186	VA	2215	-5.9	-75.8038	37.1869	VA	2287	-9	-75.8359	37.1624	VA
2144	-18.8	-75.7903	37.2182	VA	2216	-6.4	-75.8041	37.1865	VA	2288	-8.9	-75.8364	37.1621	VA
2145	-17.7	-75.7905	37.2177	VA	2217	-6.8	-75.8044	37.1861	VA	2289	-8.7	-75.8368	37.1618	VA
2146	-16.7	-75.7906	37.2173	VA	2218	-6.8	-75.8046	37.1857	VA	2290	-9	-75.8372	37.1614	VA
2147	-15.6	-75.7908	37.2169	VA	2219	-6.8	-75.8049	37.1853	VA	2291	-9.4	-75.8376	37.1611	VA
2148	-14.8	-75.791	37.2164	VA	2220	-7	-75.8052	37.1849	VA	2292	-9.7	-75.8381	37.1608	VA
2149	-13.9	-75.7912	37.216	VA	2221	-7.1	-75.8055	37.1845	VA	2293	-10.1	-75.8385	37.1605	VA
2150	-13.2	-75.7914	37.2155	VA	2222	-7.1	-75.8057	37.184	VA	2294	-10.5	-75.8389	37.1602	VA
2151	-12.5	-75.7916	37.2151	VA	2223	-7	-75.806	37.1836	VA	2295	-11	-75.8394	37.1599	VA
2152	-12.1	-75.7918	37.2147	VA	2224	-6.8	-75.8063	37.1832	VA	2296	-11.6	-75.8398	37.1596	VA
2153	-11.6	-75.792	37.2142	VA	2225	-6.6	-75.8066	37.1828	VA	2297	-12.2	-75.8402	37.1592	VA
2154	-11.3	-75.7921	37.2138	VA	2226	-6.5	-75.8068	37.1824	VA	2298	-12.3	-75.8406	37.1589	VA
2155	-11	-75.7923	37.2133	VA	2227	-6.4	-75.8071	37.182	VA	2299	-12.5	-75.8411	37.1586	VA
2156	-10.3	-75.7925	37.2129	VA	2228	-6.3	-75.8074	37.1816	VA	2300	-12.6	-75.8415	37.1583	VA
2157	-9.7	-75.7927	37.2125	VA	2229	-6.1	-75.8076	37.1812	VA	2301	-12.7	-75.8419	37.158	VA
2158	-9	-75.7929	37.212	VA	2230	-5.7	-75.8079	37.1807	VA	2302	-12.6	-75.8424	37.1577	VA
2159	-8.2	-75.7931	37.2116	VA	2231	-5.4	-75.8082	37.1803	VA	2303	-11.8	-75.8427	37.1575	VA
2160	-7.2	-75.7933	37.2111	VA	2232	-5.3	-75.8085	37.1799	VA	2304	-12.5	-75.8428	37.1574	VA
2161	-6.3	-75.7935	37.2107	VA	2233	-5.2	-75.8087	37.1795	VA	2305	-12	-75.8431	37.1572	VA
2162	0.4	-75.7936	37.2102	VA	2234	-5.5	-75.809	37.1791	VA	2306	-12	-75.8435	37.1569	VA
2163	7.1	-75.7938	37.2098	VA	2235	-5.7	-75.8093	37.1787	VA	2307	-12	-75.844	37.1566	VA
2164	3.7	-75.794	37.2094	VA	2236	-5.8	-75.8095	37.1783	VA	2308	-12.3	-75.8444	37.1563	VA
2165	0.2	-75.7942	37.2089	VA	2237	-5.9	-75.8098	37.1779	VA	2309	-12.7	-75.8448	37.1559	VA
2166	-0.6	-75.7944	37.2085	VA	2238	-5.5	-75.8101	37.1774	VA	2310	-13	-75.8452	37.1556	VA
2167	-1.7	-75.7946	37.208	VA	2239	2.4	-75.8158	37.1771	VA	2311	-13.2	-75.8457	37.1553	VA
2168	-1.8	-75.7948	37.2076	VA	2240	-5	-75.8104	37.177	VA	2312	-13.3	-75.8461	37.155	VA
2169	-1.9	-75.795	37.2072	VA	2241	2.8	-75.8162	37.1768	VA	2313	-13.4	-75.8465	37.1547	VA
2170	-1.8	-75.7951	37.2067	VA	2242	2.7	-75.8167	37.1765	VA	2314	-13.6	-75.847	37.1544	VA
2171	-1.7	-75.7953	37.2063	VA	2243	2.3	-75.8171	37.1762	VA	2315	-13.7	-75.8474	37.1541	VA
2172	-2.2	-75.7955	37.2058	VA	2244	-16.4	-75.8175	37.1759	VA	2316	-13.9	-75.8478	37.1537	VA
2173	-2.6	-75.7957	37.2054	VA	2245	-32.4	-75.818	37.1756	VA	2317	-14.1	-75.8482	37.1534	VA
2174	8.1	-75.7927	37.2038	VA	2246	-49.6	-75.8184	37.1753	VA	2318	-14.7	-75.8487	37.1531	VA
2175	15.3	-75.793	37.2034	VA	2247	-45.1	-75.8188	37.1749	VA	2319	-15.3	-75.8491	37.1528	VA
2176	16.2	-75.7932	37.203	VA	2248	-27	-75.8192	37.1746	VA	2320	-15.8	-75.8495	37.1525	VA
2177	12.2	-75.7935	37.2026	VA	2249	-5.6	-75.8197	37.1743	VA	2321	-16.3	-75.8499	37.1522	VA
2178	11.5	-75.7938	37.2022	VA	2250	-4.9	-75.8201	37.174	VA	2322	-16.5	-75.8504	37.1519	VA
2179	10.8	-75.794	37.2018	VA	2251	-4.3	-75.8205	37.1737	VA	2323	-16.7	-75.8508	37.1515	VA
2180	10.3	-75.7943	37.2014	VA	2252	-5.6	-75.821	37.1734	VA	2324	-16.5	-75.8512	37.1512	VA
2181	9.7	-75.7946	37.201	VA	2253	-6.8	-75.8214	37.1731	VA	2325	-16.3	-75.8517	37.1509	VA
2182	9.3	-75.7949	37.2005	VA	2254	-7.8	-75.8218	37.1727	VA	2326	-16.2	-75.8521	37.1506	VA
2183	8.9	-75.7951	37.2001	VA	2255	-8.7	-75.8222	37.1724	VA	2327	-16.2	-75.8525	37.1503	VA
2184	7.7	-75.7954	37.1997	VA	2256	-8.6	-75.8227	37.1721	VA	2328	-15.8	-75.8529	37.15	VA
2185	6.6	-75.7957	37.1993	VA	2257	-8.5	-75.8231	37.1718	VA	2329	-15.5	-75.8534	37.1497	VA
2186	5	-75.7959	37.1989	VA	2258	-8.3	-75.8235	37.1715	VA	2330	-14.6	-75.8538	37.1493	VA
2187	3.5	-75.7962	37.1985	VA	2259	-8.2	-75.8239	37.1712	VA	2331	-13.7	-75.8542	37.149	VA
2188	2.4	-75.7965	37.1981	VA	2260	-8.3	-75.8244	37.1709	VA	2332	-13.6	-75.8547	37.1487	VA
2189	1.4	-75.7968	37.1977	VA	2261	-8.5	-75.8248	37.1705	VA	2333	-13.4	-75.8551	37.1484	VA
2190	0.2	-75.797	37.1972	VA	2262	-8.4	-75.8252	37.1702	VA	2334	-12.7	-75.8555	37.1481	VA
2191	-1	-75.7973	37.1968	VA	2263	-8.3	-75.8257	37.1699	VA	2335	-12	-75.8559	37.1478	VA
2192	-1.1	-75.7976	37.1964	VA	2264	-8.2	-75.8261	37.1696	VA	2336	-11.5	-75.8564	37.1475	VA
2193	-1.2	-75.7979	37.196	VA	2265	-8	-75.8265	37.1693	VA	2337	-11	-75.8568	37.1472	VA
2194	-1.7	-75.7981	37.1956	VA	2266	-7.6	-75.8269	37.169	VA	2338	-8.9	-75.8572	37.1468	VA
2195	-2.3	-75.7984	37.1952	VA	2267	-7.3	-75.8274	37.1687	VA	2339	-7	-75.8577	37.1465	VA
2196	-2.1	-75.7987	37.1948	VA	2268	-7.3	-75.8278	37.1683	VA	2340	-12.2	-75.8581	37.1462	VA
2197	-1.9	-75.7989	37.1944	VA	2269	-7.3	-75.8282	37.168	VA	2341	-11.9	-75.8585	37.1459	VA
2198	-2.2	-75.7992	37.1939	VA	2270	-8	-75.8287	37.1677	VA	2342	-11.8	-75.8589	37.1456	VA
2199	-2.4	-75.7995	37.1935	VA	2271	-8.7	-75.8291	37.1674	VA	2343	-0.9	-75.8594	37.1453	VA
2200	-3.6	-75.7998	37.1931	VA	2272	-8.5	-75.8295	37.1671	VA	2344	-4.6	-75.8598	37.145	VA
2201	-4.7	-75.8	37.1927	VA	2273	-8.3	-75.8299	37.1668	VA	2345	-8.3	-75.8602	37.1446	VA
2202	-4.9	-75.8003	37.1923	VA	2274	-8.2	-75.8304	37.1665	VA	2346	-9	-75.8607	37.1443	VA
2203	-5	-75.8006	37.1919	VA	2275	-8	-75.8308	37.1662	VA	2347	-9.7	-75.8611	37.144	VA
2204	-5.1	-75.8008	37.1915	VA	2276	-8.1	-75.8312	37.1658	VA	2348	-9.6	-75.8615	37.1437	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2349	-9.4	-75.8619	37.1434	VA	2421	-1.9	-75.89	37.1199	VA	2493	-3.6	-75.9376	37.0879	VA
2350	-9.2	-75.8624	37.1431	VA	2422	-1.7	-75.8904	37.1195	VA	2494	-2.1	-75.938	37.0876	VA
2351	-9	-75.8628	37.1428	VA	2423	-1.6	-75.8908	37.1192	VA	2495	-1.8	-75.9385	37.0873	VA
2352	-8.6	-75.8632	37.1424	VA	2424	-0.7	-75.8912	37.1188	VA	2496	-1.6	-75.9389	37.0871	VA
2353	-8.2	-75.8636	37.1421	VA	2425	0.2	-75.8916	37.1185	VA	2497	-2.3	-75.9394	37.0868	VA
2354	-7.6	-75.8641	37.1418	VA	2426	0.7	-75.892	37.1181	VA	2498	-3	-75.9399	37.0865	VA
2355	-7.1	-75.8645	37.1415	VA	2427	1.2	-75.8924	37.1178	VA	2499	-3.9	-75.9403	37.0862	VA
2356	-6.6	-75.8649	37.1412	VA	2428	1.5	-75.8928	37.1174	VA	2500	4.2	-75.9856	37.0859	VA
2357	-6.1	-75.8654	37.1409	VA	2429	1.7	-75.8931	37.1171	VA	2501	-4.7	-75.9408	37.0859	VA
2358	-5.8	-75.8658	37.1406	VA	2430	2.4	-75.8935	37.1167	VA	2502	6.3	-75.985	37.0858	VA
2359	-5.6	-75.8662	37.1402	VA	2431	3.1	-75.8939	37.1164	VA	2503	1.8	-75.9845	37.0857	VA
2360	-5.9	-75.8666	37.1399	VA	2432	2.4	-75.8938	37.1155	VA	2504	-5	-75.9412	37.0857	VA
2361	-6.3	-75.8671	37.1396	VA	2433	3	-75.8944	37.1154	VA	2505	3.6	-75.9839	37.0856	VA
2362	-5.5	-75.8675	37.1393	VA	2434	3	-75.8949	37.1152	VA	2506	5.4	-75.9833	37.0855	VA
2363	-4.7	-75.8679	37.139	VA	2435	3.1	-75.8954	37.115	VA	2507	6.7	-75.9827	37.0854	VA
2364	-7.4	-75.8687	37.1389	VA	2436	3	-75.896	37.1148	VA	2508	-5.3	-75.9417	37.0854	VA
2365	-4.2	-75.8684	37.1387	VA	2437	2.8	-75.8965	37.1146	VA	2509	7.9	-75.9822	37.0853	VA
2366	-7.3	-75.869	37.1386	VA	2438	2.5	-75.897	37.1144	VA	2510	9.1	-75.9816	37.0852	VA
2367	-3.8	-75.8688	37.1384	VA	2439	2.3	-75.8976	37.1142	VA	2511	10.4	-75.981	37.0851	VA
2368	-6.9	-75.8694	37.1382	VA	2440	2.1	-75.8981	37.114	VA	2512	-5.7	-75.9422	37.0851	VA
2369	-6.4	-75.8698	37.1379	VA	2441	1.9	-75.8986	37.1138	VA	2513	11.3	-75.9804	37.085	VA
2370	-6.1	-75.8702	37.1375	VA	2442	2	-75.8992	37.1137	VA	2514	12.3	-75.9799	37.0849	VA
2371	-5.7	-75.8706	37.1372	VA	2443	2.1	-75.8997	37.1135	VA	2515	14.6	-75.9787	37.0848	VA
2372	-5.4	-75.871	37.1368	VA	2444	2.1	-75.9002	37.1133	VA	2516	13.4	-75.9793	37.0848	VA
2373	-5	-75.8714	37.1365	VA	2445	2.1	-75.9008	37.1131	VA	2517	-6.1	-75.9426	37.0848	VA
2374	-4.8	-75.8718	37.1361	VA	2446	2.2	-75.9013	37.1129	VA	2518	15.6	-75.9781	37.0847	VA
2375	-4.5	-75.8722	37.1358	VA	2447	2.3	-75.9018	37.1127	VA	2519	16.7	-75.9776	37.0846	VA
2376	-4.2	-75.8725	37.1354	VA	2448	2.3	-75.9023	37.1125	VA	2520	16.9	-75.977	37.0845	VA
2377	-4	-75.8729	37.1351	VA	2449	2.4	-75.9029	37.1123	VA	2521	-6.4	-75.9431	37.0845	VA
2378	-3.7	-75.8733	37.1348	VA	2450	2.4	-75.9034	37.1121	VA	2522	17.2	-75.9764	37.0844	VA
2379	-3.5	-75.8737	37.1344	VA	2451	2.4	-75.9039	37.112	VA	2523	16	-75.9759	37.0843	VA
2380	-3	-75.8741	37.1341	VA	2452	2.2	-75.9045	37.1118	VA	2524	14.7	-75.9753	37.0842	VA
2381	-2.6	-75.8745	37.1337	VA	2453	1.9	-75.905	37.1116	VA	2525	-6.7	-75.9436	37.0842	VA
2382	-2.2	-75.8749	37.1334	VA	2454	1.6	-75.9055	37.1114	VA	2526	10.8	-75.9747	37.0841	VA
2383	-1.7	-75.8753	37.133	VA	2455	1.2	-75.9061	37.1112	VA	2527	6.8	-75.9741	37.084	VA
2384	-1.1	-75.8757	37.1327	VA	2456	0.9	-75.9066	37.111	VA	2528	-6.8	-75.944	37.084	VA
2385	-0.5	-75.876	37.1323	VA	2457	0.7	-75.9071	37.1108	VA	2529	2.7	-75.9736	37.0839	VA
2386	0.1	-75.8764	37.132	VA	2458	0.6	-75.9077	37.1106	VA	2530	-1.4	-75.973	37.0838	VA
2387	0.7	-75.8768	37.1316	VA	2459	0.5	-75.9082	37.1104	VA	2531	-3.3	-75.9724	37.0837	VA
2388	1.6	-75.8772	37.1313	VA	2460	0.5	-75.9087	37.1103	VA	2532	-6.8	-75.9445	37.0837	VA
2389	2.4	-75.8776	37.1309	VA	2461	0.5	-75.9093	37.1101	VA	2533	-5.3	-75.9718	37.0836	VA
2390	3.8	-75.878	37.1306	VA	2462	0.3	-75.9098	37.1099	VA	2534	-4.4	-75.9713	37.0835	VA
2391	5.2	-75.8784	37.1303	VA	2463	0.2	-75.9103	37.1097	VA	2535	-3.5	-75.9707	37.0834	VA
2392	7.1	-75.8788	37.1299	VA	2464	0.2	-75.9109	37.1095	VA	2536	-6.9	-75.9449	37.0834	VA
2393	8.9	-75.8792	37.1296	VA	2465	0.2	-75.9114	37.1093	VA	2537	-3.2	-75.9701	37.0833	VA
2394	-7	-75.8795	37.1292	VA	2466	0.2	-75.9119	37.1091	VA	2538	-3	-75.9695	37.0832	VA
2395	-6.8	-75.8799	37.1289	VA	2467	0.2	-75.9125	37.1089	VA	2539	-2.8	-75.969	37.0831	VA
2396	-6	-75.8803	37.1285	VA	2468	-0.1	-75.913	37.1088	VA	2540	-7	-75.9454	37.0831	VA
2397	-5.1	-75.8807	37.1282	VA	2469	-0.3	-75.9135	37.1086	VA	2541	-2.6	-75.9684	37.083	VA
2398	-4.7	-75.8811	37.1278	VA	2470	-0.6	-75.9141	37.1084	VA	2542	-2.2	-75.9678	37.0829	VA
2399	-4.4	-75.8815	37.1275	VA	2471	-0.9	-75.9146	37.1082	VA	2543	-1.8	-75.9673	37.0828	VA
2400	-4	-75.8819	37.1271	VA	2472	-1.1	-75.9151	37.108	VA	2544	-7.3	-75.9459	37.0828	VA
2401	-3.5	-75.8823	37.1268	VA	2473	-1.4	-75.9157	37.1078	VA	2545	-0.9	-75.9667	37.0827	VA
2402	-2.4	-75.8826	37.1264	VA	2474	-1.6	-75.9162	37.1076	VA	2546	-0.2	-75.9661	37.0826	VA
2403	11.3	-75.883	37.1261	VA	2475	-1.9	-75.9167	37.1074	VA	2547	-7.5	-75.9463	37.0826	VA
2404	7.4	-75.8834	37.1257	VA	2476	-2.4	-75.9173	37.1072	VA	2548	-0.9	-75.965	37.0825	VA
2405	3.5	-75.8838	37.1254	VA	2477	-2.8	-75.9178	37.1071	VA	2549	-0.5	-75.9655	37.0825	VA
2406	4.2	-75.8842	37.1251	VA	2478	-4.4	-75.9183	37.1069	VA	2550	-1	-75.9644	37.0824	VA
2407	4.9	-75.8846	37.1247	VA	2479	-6.1	-75.9189	37.1067	VA	2551	-1.1	-75.9638	37.0823	VA
2408	4.1	-75.885	37.1244	VA	2480	-9	-75.9194	37.1065	VA	2552	-7.8	-75.9468	37.0823	VA
2409	3.3	-75.8854	37.124	VA	2481	-12	-75.9199	37.1063	VA	2553	-0.9	-75.9632	37.0822	VA
2410	2.7	-75.8858	37.1237	VA	2482	NA	-75.9325	37.091	VA	2554	-0.7	-75.9627	37.0821	VA
2411	2.1	-75.8861	37.1233	VA	2483	10	-75.933	37.0907	VA	2555	-0.6	-75.9621	37.082	VA
2412	1.6	-75.8865	37.123	VA	2484	-10.4	-75.9334	37.0904	VA	2556	-8.1	-75.9472	37.082	VA
2413	1	-75.8869	37.1226	VA	2485	-10.9	-75.9339	37.0902	VA	2557	-0.5	-75.9615	37.0819	VA
2414	0.3	-75.8873	37.1223	VA	2486	-11.6	-75.9343	37.0899	VA	2558	-0.4	-75.961	37.0818	VA
2415	-0.3	-75.8877	37.1219	VA	2487	-11.2	-75.9348	37.0896	VA	2559	-0.2	-75.9604	37.0817	VA
2416	-0.9	-75.8881	37.1216	VA	2488	-10.9	-75.9353	37.0893	VA	2560	-7.9	-75.9477	37.0817	VA
2417	-1.4	-75.8885	37.1212	VA	2489	-9.5	-75.9357	37.089	VA	2561	1.8	-75.9598	37.0816	VA
2418	-1.6	-75.8889	37.1209	VA	2490	-8.1	-75.9362	37.0888	VA	2562	3.7	-75.9592	37.0815	VA
2419	-1.9	-75.8893	37.1206	VA	2491	-6.6	-75.9366	37.0885	VA	2563	3.8	-75.9587	37.0814	VA
2420	-1.9	-75.8896	37.1202	VA	2492	-5.1	-75.9371	37.0882	VA	2564	-7.7	-75.9482	37.0814	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2565	3.9	-75.9581	37.0813	VA	2637	-0.4	-76.2914	36.9735	VA	2709	0.1	-76.2529	36.9602	VA
2566	0.4	-75.9575	37.0812	VA	2638	-0.6	-76.2909	36.9734	VA	2710	0.2	-76.2525	36.9599	VA
2567	-3.2	-75.9569	37.0811	VA	2639	-1.1	-76.2903	36.9733	VA	2711	0.3	-76.252	36.9596	VA
2568	-3.8	-75.9564	37.081	VA	2640	-1.4	-76.2898	36.9732	VA	2712	0.4	-76.2516	36.9593	VA
2569	-4.4	-75.9558	37.0809	VA	2641	-1.3	-76.2892	36.973	VA	2713	0.5	-76.2511	36.959	VA
2570	-5	-75.9552	37.0808	VA	2642	-1.1	-76.2886	36.9729	VA	2714	0.5	-76.2506	36.9588	VA
2571	-5.6	-75.9546	37.0807	VA	2643	0.1	-76.2881	36.9728	VA	2715	0.4	-76.2502	36.9585	VA
2572	-6	-75.9541	37.0806	VA	2644	1.3	-76.2875	36.9727	VA	2716	0.4	-76.2497	36.9582	VA
2573	-6.5	-75.9535	37.0805	VA	2645	0.5	-76.287	36.9726	VA	2717	0	-76.2493	36.9579	VA
2574	-6.8	-75.9529	37.0804	VA	2646	-0.3	-76.2864	36.9724	VA	2718	-0.3	-76.2488	36.9577	VA
2575	-7.2	-75.9524	37.0803	VA	2647	-0.6	-76.2859	36.9723	VA	2719	-0.3	-76.2484	36.9574	VA
2576	-7.2	-75.9512	37.0802	VA	2648	-1	-76.2853	36.9722	VA	2720	-0.3	-76.2479	36.9571	VA
2577	-7.2	-75.9518	37.0802	VA	2649	-0.8	-76.2848	36.9721	VA	2721	-0.4	-76.2474	36.9568	VA
2578	-7.3	-75.9506	37.0801	VA	2650	-0.7	-76.2842	36.972	VA	2722	-0.4	-76.247	36.9565	VA
2579	-0.6	-76	37.16667	VA	2651	-0.1	-76.2837	36.9719	VA	2723	-0.3	-76.2465	36.9563	VA
2580	-0.6	-76.03333	37.21667	VA	2652	0.4	-76.2831	36.9717	VA	2724	-0.3	-76.2461	36.956	VA
2581	-0.6	-76.05	37.26667	VA	2653	0.7	-76.2825	36.9716	VA	2725	-0.4	-76.2456	36.9557	VA
2582	-0.6	-76.05	37.31667	VA	2654	0.9	-76.282	36.9715	VA	2726	-0.5	-76.2451	36.9554	VA
2583	-0.7	-76.03333	37.36666	VA	2655	1.4	-76.2814	36.9714	VA	2727	-0.3	-76.2447	36.9551	VA
2584	-0.8	-76	37.41667	VA	2656	2	-76.2809	36.9713	VA	2728	-0.2	-76.2442	36.9549	VA
2585	-0.8	-76	37.46667	VA	2657	2.3	-76.2803	36.9711	VA	2729	-0.2	-76.2438	36.9546	VA
2586	-0.8	-76	37.51667	VA	2658	2.6	-76.2798	36.971	VA	2730	-0.3	-76.2433	36.9543	VA
2587	-1.4	-75.96667	37.56667	VA	2659	1.2	-76.2792	36.9709	VA	2731	-0.3	-76.2429	36.954	VA
2588	-1.5	-75.95	37.61666	VA	2660	-0.1	-76.2787	36.9708	VA	2732	-0.3	-76.2424	36.9538	VA
2589	-1	-75.91666	37.66667	VA	2661	-1.3	-76.2781	36.9707	VA	2733	-0.2	-76.2419	36.9535	VA
2590	-1.5	-75.88333	37.71667	VA	2662	-2.4	-76.2775	36.9705	VA	2734	-0.1	-76.2415	36.9532	VA
2591	-1.5	-75.85	37.76667	VA	2663	-1.6	-76.277	36.9704	VA	2735	-0.2	-76.241	36.9529	VA
2592	-1.5	-75.83334	37.81667	VA	2664	-0.7	-76.2764	36.9703	VA	2736	-0.3	-76.2406	36.9526	VA
2593	-0.8	-75.78333	37.83333	VA	2665	-0.7	-76.2759	36.9702	VA	2737	-0.1	-76.2401	36.9524	VA
2594	-0.8	-75.73333	37.86666	VA	2666	-0.6	-76.2753	36.9701	VA	2738	0.1	-76.2397	36.9521	VA
2595	-0.8	-75.73333	37.91667	VA	2667	-0.6	-76.2748	36.97	VA	2739	0	-76.2392	36.9518	VA
2596	-0.8	-75.78333	37.91667	VA	2668	-0.6	-76.2742	36.9698	VA	2740	-0.2	-76.2387	36.9515	VA
2597	-1.2	-75.75	37.96667	VA	2669	-0.6	-76.2737	36.9697	VA	2741	-0.2	-76.2383	36.9512	VA
2598	-1.2	-76.01667	37.85	VA	2670	-0.7	-76.2731	36.9696	VA	2742	-0.2	-76.2378	36.951	VA
2599	-0.6	-76.03333	37.9	VA	2671	-0.5	-76.2726	36.9695	VA	2743	-0.1	-76.2374	36.9507	VA
2600	-0.6	-76.06667	37.95	VA	2672	-0.4	-76.272	36.9694	VA	2744	-0.1	-76.2369	36.9504	VA
2601	-1.5	-76.5	38.03333	VA	2673	-0.7	-76.2714	36.9692	VA	2745	-0.1	-76.2365	36.9501	VA
2602	-1.5	-76.46667	37.98333	VA	2674	-1.1	-76.2709	36.9691	VA	2746	-0.1	-76.236	36.9498	VA
2603	-1.5	-76.41666	37.98333	VA	2675	-1	-76.2703	36.969	VA	2747	-0.2	-76.2355	36.9496	VA
2604	-1.5	-76.36667	37.96667	VA	2676	-0.9	-76.2698	36.9689	VA	2748	-0.3	-76.2351	36.9493	VA
2605	-1.5	-76.31667	37.95	VA	2677	-0.9	-76.2692	36.9688	VA	2749	-0.3	-76.2346	36.949	VA
2606	-1.5	-76.26667	37.93333	VA	2678	-0.8	-76.2687	36.9687	VA	2750	-0.3	-76.2342	36.9487	VA
2607	-1.8	-76.28333	37.88334	VA	2679	0.1	-76.2681	36.9685	VA	2751	-0.3	-76.2337	36.9485	VA
2608	-1.6	-76.3	37.83333	VA	2680	1	-76.2676	36.9684	VA	2752	-0.4	-76.2332	36.9482	VA
2609	-0.8	-76.33334	37.78333	VA	2681	0.2	-76.267	36.9683	VA	2753	0	-76.234	36.948	VA
2610	-0.4	-76.33334	37.73333	VA	2682	-0.6	-76.2664	36.9682	VA	2754	-0.2	-76.2328	36.9479	VA
2611	-1.9	-76.35	37.68333	VA	2683	-0.6	-76.2659	36.9681	VA	2755	0.1	-76.2335	36.9478	VA
2612	-2.2	-76.31667	37.63334	VA	2684	-0.6	-76.2653	36.9679	VA	2756	0	-76.2323	36.9476	VA
2613	-1.2	-76.33334	37.58333	VA	2685	-0.5	-76.2648	36.9678	VA	2757	0.1	-76.233	36.9476	VA
2614	-1.8	-76.31667	37.53333	VA	2686	-0.3	-76.2642	36.9677	VA	2758	0.1	-76.2324	36.9474	VA
2615	-1.4	-76.28333	37.48333	VA	2687	-0.4	-76.2637	36.9676	VA	2759	0	-76.2319	36.9473	VA
2616	-1.4	-76.28333	37.43333	VA	2688	-0.4	-76.2631	36.9675	VA	2760	0.1	-76.2319	36.9473	VA
2617	-1.3	-76.28333	37.38334	VA	2689	-0.4	-76.2626	36.9674	VA	2761	0	-76.2314	36.9471	VA
2618	-1.3	-76.28333	37.33333	VA	2690	-0.4	-76.262	36.9672	VA	2762	0.1	-76.2314	36.9471	VA
2619	-0.2	-76.33334	37.36666	VA	2691	0	-76.2612	36.9652	VA	2763	-0.1	-76.2308	36.9469	VA
2620	-0.5	-76.4	37.31667	VA	2692	-0.2	-76.2607	36.9649	VA	2764	0	-76.231	36.9468	VA
2621	-0.4	-76.4	37.26667	VA	2693	0	-76.2603	36.9646	VA	2765	-0.3	-76.2303	36.9467	VA
2622	-0.4	-76.45	37.28333	VA	2694	0.1	-76.2598	36.9643	VA	2766	-0.3	-76.2298	36.9466	VA
2623	-1.1	-76.46667	37.23333	VA	2695	-0.1	-76.2593	36.9641	VA	2767	-0.1	-76.2305	36.9465	VA
2624	-1.2	-76.41666	37.23333	VA	2696	-0.4	-76.2589	36.9638	VA	2768	-0.2	-76.2292	36.9464	VA
2625	-0.8	-76.4	37.18333	VA	2697	-0.6	-76.2584	36.9635	VA	2769	-0.3	-76.2287	36.9462	VA
2626	-0.8	-76.35	37.18333	VA	2698	-0.7	-76.258	36.9632	VA	2770	-0.4	-76.2282	36.946	VA
2627	-1.4	-76.31667	37.13334	VA	2699	-0.5	-76.2575	36.963	VA	2771	-0.2	-76.2276	36.9459	VA
2628	-1.4	-76.31667	37.08333	VA	2700	-0.3	-76.257	36.9627	VA	2772	0	-76.2271	36.9457	VA
2629	-1.4	-76.33334	37.03333	VA	2701	-0.5	-76.2566	36.9624	VA	2773	0	-76.2266	36.9455	VA
2630	0.3	-76.2953	36.9743	VA	2702	-0.6	-76.2561	36.9621	VA	2774	0	-76.226	36.9453	VA
2631	0.4	-76.2948	36.9742	VA	2703	-0.3	-76.2557	36.9618	VA	2775	0	-76.2255	36.9451	VA
2632	0.5	-76.2942	36.9741	VA	2704	0	-76.2552	36.9616	VA	2776	-0.1	-76.225	36.945	VA
2633	0.1	-76.2936	36.974	VA	2705	0	-76.2548	36.9613	VA	2777	-0.2	-76.2244	36.9448	VA
2634	-0.2	-76.2931	36.9739	VA	2706	0	-76.2543	36.961	VA	2778	-0.3	-76.2239	36.9446	VA
2635	-0.2	-76.2925	36.9737	VA	2707	0	-76.2538	36.9607	VA	2779	-0.3	-76.2234	36.9444	VA
2636	-0.3	-76.292	36.9736	VA	2708	0	-76.2534	36.9604	VA	2780	-0.3	-76.2228	36.9443	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2781	-0.3	-76.2223	36.9441	VA	2853	-0.5	-76.0269	36.9349	VA	2925	2.8	-76.0432	36.9323	VA
2782	-0.3	-76.2218	36.9439	VA	2854	2.2	-76.0378	36.9349	VA	2926	3	-76.0437	36.932	VA
2783	-0.3	-76.2212	36.9437	VA	2855	0.2	-76.1912	36.9348	VA	2927	3.2	-76.0442	36.9318	VA
2784	-0.3	-76.2207	36.9435	VA	2856	-0.3	-76.0263	36.9348	VA	2928	0	-76.1743	36.9317	VA
2785	-0.3	-76.2202	36.9434	VA	2857	-0.5	-76.0257	36.9348	VA	2929	-0.3	-76.1738	36.9316	VA
2786	-0.3	-76.2196	36.9432	VA	2858	0.2	-76.1907	36.9347	VA	2930	-0.6	-76.1732	36.9315	VA
2787	-0.3	-76.2191	36.943	VA	2859	2.4	-76.0382	36.9347	VA	2931	3.2	-76.0447	36.9315	VA
2788	-0.1	-76.2185	36.9428	VA	2860	-0.7	-76.0252	36.9347	VA	2932	-0.8	-76.004	36.9315	VA
2789	-0.1	-76.218	36.9427	VA	2861	-0.3	-76.0246	36.9347	VA	2933	-0.8	-76.1727	36.9314	VA
2790	0	-76.2175	36.9425	VA	2862	0.2	-76.1901	36.9346	VA	2934	-0.9	-76.1721	36.9313	VA
2791	-0.1	-76.2169	36.9423	VA	2863	0	-76.024	36.9346	VA	2935	3.2	-76.0452	36.9313	VA
2792	-0.2	-76.2164	36.9421	VA	2864	0.3	-76.1896	36.9345	VA	2936	-1.2	-76.1715	36.9312	VA
2793	0	-76.2159	36.9419	VA	2865	2.4	-76.0387	36.9345	VA	2937	-1.2	-76.0036	36.9312	VA
2794	0.3	-76.2153	36.9418	VA	2866	0.1	-76.0234	36.9345	VA	2938	-1.6	-76.171	36.9311	VA
2795	0.2	-76.2148	36.9416	VA	2867	0.3	-76.0229	36.9345	VA	2939	3	-76.0457	36.9311	VA
2796	0	-76.2143	36.9414	VA	2868	0.4	-76.189	36.9344	VA	2940	-1.4	-76.1704	36.9309	VA
2797	0	-76.2137	36.9412	VA	2869	0.3	-76.0223	36.9344	VA	2941	-1.5	-76.0031	36.9309	VA
2798	0	-76.2132	36.9411	VA	2870	0.5	-76.1884	36.9343	VA	2942	-1.1	-76.1698	36.9308	VA
2799	-0.1	-76.2127	36.9409	VA	2871	-0.2	-76.0212	36.9343	VA	2943	2.8	-76.0462	36.9308	VA
2800	-0.3	-76.2121	36.9407	VA	2872	0.2	-76.0217	36.9343	VA	2944	-1.2	-76.1693	36.9307	VA
2801	-0.4	-76.2116	36.9405	VA	2873	0.5	-76.1879	36.9342	VA	2945	-0.4	-76.1644	36.9307	VA
2802	-0.6	-76.2111	36.9403	VA	2874	-0.5	-76.0206	36.9342	VA	2946	-1.3	-76.1687	36.9306	VA
2803	-0.4	-76.2105	36.9402	VA	2875	2.5	-76.0392	36.9342	VA	2947	2.9	-76.0467	36.9306	VA
2804	-0.3	-76.21	36.94	VA	2876	0.7	-76.1873	36.9341	VA	2948	-1.7	-76.0027	36.9306	VA
2805	-0.3	-76.2095	36.9398	VA	2877	-0.8	-76.02	36.9341	VA	2949	-0.6	-76.1639	36.9306	VA
2806	-0.3	-76.2089	36.9396	VA	2878	-1	-76.0194	36.9341	VA	2950	-1.4	-76.1681	36.9305	VA
2807	-0.4	-76.2084	36.9395	VA	2879	0.9	-76.1867	36.934	VA	2951	-1.6	-76.1676	36.9304	VA
2808	-0.6	-76.2079	36.9393	VA	2880	-1.2	-76.0189	36.934	VA	2952	-0.5	-76.1633	36.9304	VA
2809	-0.7	-76.2073	36.9391	VA	2881	-1.2	-76.0183	36.934	VA	2953	-1.7	-76.167	36.9303	VA
2810	-0.9	-76.2068	36.9389	VA	2882	2.7	-76.0397	36.934	VA	2954	-1.6	-76.0023	36.9303	VA
2811	-0.9	-76.2063	36.9388	VA	2883	0.9	-76.1862	36.9339	VA	2955	3	-76.0472	36.9303	VA
2812	-0.9	-76.2057	36.9386	VA	2884	-1.2	-76.0177	36.9339	VA	2956	-0.4	-76.1628	36.9303	VA
2813	-0.8	-76.2052	36.9384	VA	2885	0.9	-76.1856	36.9338	VA	2957	-2	-76.1665	36.9302	VA
2814	-0.6	-76.2047	36.9382	VA	2886	-1.2	-76.0171	36.9338	VA	2958	-0.7	-76.1622	36.9302	VA
2815	-0.6	-76.2041	36.938	VA	2887	-1.2	-76.0166	36.9338	VA	2959	-1.8	-76.1659	36.9301	VA
2816	-0.6	-76.2036	36.9379	VA	2888	0.9	-76.185	36.9337	VA	2960	2.9	-76.0477	36.9301	VA
2817	-0.6	-76.2031	36.9377	VA	2889	2.9	-76.0402	36.9337	VA	2961	-1.6	-76.1653	36.93	VA
2818	-0.6	-76.2025	36.9375	VA	2890	-1.2	-76.016	36.9337	VA	2962	-0.9	-76.1617	36.93	VA
2819	-0.8	-76.202	36.9373	VA	2891	0.9	-76.1845	36.9336	VA	2963	-1.4	-76.0018	36.93	VA
2820	-0.9	-76.2015	36.9372	VA	2892	-1.4	-76.0149	36.9336	VA	2964	-1.6	-76.1648	36.9299	VA
2821	0.1	-76.2019	36.9368	VA	2893	-1.3	-76.0154	36.9336	VA	2965	-0.9	-76.1611	36.9299	VA
2822	0.1	-76.2014	36.9367	VA	2894	3	-76.0407	36.9335	VA	2966	-1.6	-76.1642	36.9298	VA
2823	0.2	-76.2008	36.9366	VA	2895	-1.3	-76.0143	36.9335	VA	2967	2.9	-76.0482	36.9298	VA
2824	0.3	-76.2003	36.9365	VA	2896	1.1	-76.1839	36.9334	VA	2968	-0.9	-76.1606	36.9297	VA
2825	0.3	-76.1997	36.9364	VA	2897	-1	-76.0131	36.9334	VA	2969	-1.5	-76.0014	36.9297	VA
2826	0.2	-76.1991	36.9363	VA	2898	-1.2	-76.0137	36.9334	VA	2970	-0.9	-76.16	36.9296	VA
2827	0.2	-76.1986	36.9362	VA	2899	1.4	-76.1834	36.9333	VA	2971	2.6	-76.0487	36.9296	VA
2828	0.2	-76.198	36.9361	VA	2900	-0.9	-76.0126	36.9333	VA	2972	-0.9	-76.1595	36.9295	VA
2829	0.2	-76.1974	36.9359	VA	2901	-0.9	-76.012	36.9333	VA	2973	-1.6	-76.0009	36.9294	VA
2830	0.1	-76.1969	36.9358	VA	2902	1	-76.1828	36.9332	VA	2974	2.4	-76.0492	36.9294	VA
2831	0	-76.1963	36.9357	VA	2903	3.2	-76.0412	36.9332	VA	2975	-0.9	-76.1589	36.9293	VA
2832	2	-76.0363	36.9357	VA	2904	-0.9	-76.0114	36.9332	VA	2976	-1	-76.1584	36.9292	VA
2833	-0.1	-76.1957	36.9356	VA	2905	0.6	-76.1822	36.9331	VA	2977	2.1	-76.0497	36.9291	VA
2834	0	-76.1952	36.9355	VA	2906	-0.9	-76.0103	36.9331	VA	2978	-1.8	-76.0005	36.9291	VA
2835	1	-76.0326	36.9355	VA	2907	-0.9	-76.0108	36.9331	VA	2979	-1	-76.1578	36.929	VA
2836	0.8	-76.032	36.9355	VA	2908	1	-76.1817	36.933	VA	2980	-1	-76.1573	36.9289	VA
2837	0	-76.1946	36.9354	VA	2909	-0.8	-76.0097	36.933	VA	2981	1.8	-76.0501	36.9289	VA
2838	2	-76.0368	36.9354	VA	2910	3	-76.0417	36.933	VA	2982	-1.3	-76.1567	36.9288	VA
2839	0.8	-76.0315	36.9354	VA	2911	1.4	-76.1811	36.9329	VA	2983	-2.1	-76.0001	36.9288	VA
2840	0	-76.1941	36.9353	VA	2912	-0.7	-76.0091	36.9329	VA	2984	-1.7	-76.1562	36.9286	VA
2841	0.6	-76.0303	36.9353	VA	2913	-0.8	-76.0085	36.9329	VA	2985	1.8	-76.0506	36.9286	VA
2842	0.8	-76.0309	36.9353	VA	2914	1.3	-76.1805	36.9328	VA	2986	-1.5	-76.1556	36.9285	VA
2843	0	-76.1935	36.9352	VA	2915	-1	-76.0074	36.9328	VA	2987	-1.4	-76.1551	36.9284	VA
2844	0.6	-76.0292	36.9352	VA	2916	2.9	-76.0422	36.9328	VA	2988	-1.9	-75.9996	36.9284	VA
2845	2	-76.0373	36.9352	VA	2917	-0.9	-76.008	36.9328	VA	2989	1.7	-76.0511	36.9284	VA
2846	0.4	-76.0298	36.9352	VA	2918	1.3	-76.18	36.9327	VA	2990	-1.4	-76.1545	36.9282	VA
2847	0	-76.1929	36.9351	VA	2919	-1	-76.0068	36.9327	VA	2991	2.2	-76.0516	36.9282	VA
2848	0.8	-76.0286	36.9351	VA	2920	1.3	-76.1794	36.9326	VA	2992	-1.4	-76.154	36.9281	VA
2849	0	-76.1924	36.935	VA	2921	1.4	-76.1788	36.9325	VA	2993	-1.7	-75.9992	36.9281	VA
2850	-0.7	-76.0275	36.935	VA	2922	2.8	-76.0427	36.9325	VA	2994	-1.6	-76.1534	36.9279	VA
2851	0.8	-76.028	36.935	VA	2923	2	-76.1783	36.9324	VA	2995	2.8	-76.0521	36.9279	VA
2852	0.1	-76.1918	36.9349	VA	2924	2.8	-76.1777	36.9323	VA	2996	-1.8	-76.1529	36.9278	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2997	-1.4	-75.9988	36.9278	VA	3069	-0.4	-76.1331	36.9228	VA	3141	0	-76.1165	36.9181	VA
2998	-1.8	-76.1523	36.9277	VA	3070	1.5	-76.0625	36.9228	VA	3142	0.4	-76.0766	36.9181	VA
2999	2.5	-76.0526	36.9277	VA	3071	-0.3	-76.1325	36.9226	VA	3143	0.1	-76.116	36.918	VA
3000	-1.9	-76.1518	36.9275	VA	3072	1.3	-76.063	36.9226	VA	3144	0.7	-76.0772	36.918	VA
3001	-1	-75.9983	36.9275	VA	3073	-0.3	-75.9914	36.9226	VA	3145	0.8	-76.0777	36.9179	VA
3002	-1.6	-76.1512	36.9274	VA	3074	-0.1	-76.132	36.9225	VA	3146	0.1	-76.1155	36.9178	VA
3003	2.2	-76.0531	36.9274	VA	3075	-0.6	-76.1314	36.9224	VA	3147	2.2	-75.9878	36.9178	VA
3004	-1.4	-76.1507	36.9272	VA	3076	1.4	-76.0635	36.9223	VA	3148	0.9	-76.0783	36.9177	VA
3005	2.2	-76.0536	36.9272	VA	3077	-1.2	-76.1309	36.9222	VA	3149	0.2	-76.1149	36.9176	VA
3006	-1	-75.9979	36.9272	VA	3078	-1.1	-76.1303	36.9221	VA	3150	1	-76.0789	36.9176	VA
3007	-1.4	-76.1501	36.9271	VA	3079	1.5	-76.064	36.9221	VA	3151	0.5	-76.1144	36.9175	VA
3008	-1.4	-76.1496	36.927	VA	3080	-1	-76.1298	36.9219	VA	3152	1.1	-76.0794	36.9175	VA
3009	-0.9	-75.9975	36.9269	VA	3081	1.3	-76.0645	36.9219	VA	3153	2.1	-75.9877	36.9174	VA
3010	2.2	-76.0541	36.9269	VA	3082	-0.6	-76.1292	36.9218	VA	3154	0.9	-76.08	36.9174	VA
3011	-1.3	-76.149	36.9268	VA	3083	-0.2	-76.1287	36.9217	VA	3155	0.8	-76.1138	36.9173	VA
3012	-1.2	-76.1485	36.9267	VA	3084	1.1	-76.065	36.9216	VA	3156	0.7	-76.0806	36.9173	VA
3013	2.6	-76.0546	36.9267	VA	3085	0	-76.1281	36.9215	VA	3157	0.5	-76.0811	36.9172	VA
3014	-0.9	-75.997	36.9266	VA	3086	-0.1	-76.1273	36.9215	VA	3158	0.9	-76.1133	36.9171	VA
3015	-1.4	-76.1479	36.9265	VA	3087	0.3	-76.1276	36.9214	VA	3159	0.4	-76.0817	36.9171	VA
3016	3	-76.0551	36.9265	VA	3088	1.1	-76.0655	36.9214	VA	3160	1.1	-76.1128	36.917	VA
3017	-1.5	-76.1474	36.9264	VA	3089	-0.3	-76.1268	36.9213	VA	3161	0.6	-76.0822	36.917	VA
3018	-1.4	-76.1468	36.9263	VA	3090	0	-76.127	36.9212	VA	3162	1.9	-75.9876	36.9169	VA
3019	-1	-75.9966	36.9263	VA	3091	-0.3	-76.1265	36.9211	VA	3163	0.8	-76.0828	36.9169	VA
3020	2.7	-76.0556	36.9262	VA	3092	-0.4	-76.1262	36.9211	VA	3164	0.8	-76.1122	36.9168	VA
3021	-1.2	-76.1463	36.9261	VA	3093	-0.6	-76.1257	36.921	VA	3165	0.9	-76.0834	36.9168	VA
3022	-1.4	-76.1457	36.926	VA	3094	-0.6	-76.1252	36.9208	VA	3166	1.1	-76.0839	36.9167	VA
3023	2.4	-76.0561	36.926	VA	3095	0.4	-76.0625	36.9208	VA	3167	0.4	-76.1117	36.9166	VA
3024	-0.9	-75.9962	36.926	VA	3096	0.2	-76.0631	36.9207	VA	3168	1.2	-76.0845	36.9166	VA
3025	-1.5	-76.1452	36.9258	VA	3097	-0.6	-76.1246	36.9206	VA	3169	0.3	-76.1111	36.9165	VA
3026	-1.4	-76.1446	36.9257	VA	3098	-1.2	-75.9885	36.9206	VA	3170	1.7	-75.9875	36.9165	VA
3027	-0.9	-75.9957	36.9257	VA	3099	0	-76.0637	36.9206	VA	3171	1.3	-76.0851	36.9164	VA
3028	2.3	-76.0566	36.9257	VA	3100	-0.5	-76.1241	36.9205	VA	3172	0.2	-76.1106	36.9163	VA
3029	-1.4	-76.1441	36.9256	VA	3101	0	-76.0642	36.9205	VA	3173	1.8	-76.0856	36.9163	VA
3030	2.2	-76.0571	36.9255	VA	3102	-0.4	-76.1235	36.9203	VA	3174	2.4	-76.0862	36.9162	VA
3031	-1.6	-76.1435	36.9254	VA	3103	0	-76.0648	36.9203	VA	3175	-2	-76.1101	36.9161	VA
3032	-0.9	-75.9953	36.9254	VA	3104	0	-76.0653	36.9202	VA	3176	2.4	-76.0868	36.9161	VA
3033	-1.8	-76.143	36.9253	VA	3105	-0.2	-76.123	36.9201	VA	3177	-1.9	-76.1095	36.916	VA
3034	2.1	-76.0576	36.9252	VA	3106	0	-76.0659	36.9201	VA	3178	1.7	-75.9873	36.916	VA
3035	-2.1	-76.1424	36.9251	VA	3107	-0.7	-75.9884	36.9201	VA	3179	2.4	-76.0873	36.916	VA
3036	-1	-75.9949	36.9251	VA	3108	0	-76.1225	36.92	VA	3180	2.5	-76.0879	36.9159	VA
3037	-2.3	-76.1419	36.925	VA	3109	-0.1	-76.0665	36.92	VA	3181	-1.8	-76.109	36.9158	VA
3038	2	-76.0581	36.925	VA	3110	-0.1	-76.067	36.9199	VA	3182	2.6	-76.0884	36.9158	VA
3039	-2.3	-76.1413	36.9249	VA	3111	0	-76.1219	36.9198	VA	3183	-1.7	-76.1084	36.9157	VA
3040	1.9	-76.0586	36.9248	VA	3112	0.1	-76.0676	36.9198	VA	3184	3	-76.089	36.9157	VA
3041	-2.2	-76.1408	36.9247	VA	3113	0.3	-76.0682	36.9197	VA	3185	1.6	-75.9872	36.9156	VA
3042	-1.1	-75.9944	36.9247	VA	3114	0.3	-75.9883	36.9197	VA	3186	3.3	-76.0896	36.9156	VA
3043	-2.2	-76.1402	36.9246	VA	3115	0	-76.1214	36.9196	VA	3187	-1.1	-76.1079	36.9155	VA
3044	1.8	-76.0591	36.9245	VA	3116	0.1	-76.0687	36.9196	VA	3188	3.5	-76.0901	36.9155	VA
3045	-2.1	-76.1397	36.9244	VA	3117	0.1	-76.1208	36.9195	VA	3189	3.7	-76.0907	36.9154	VA
3046	-1.2	-75.994	36.9244	VA	3118	-0.1	-76.0693	36.9195	VA	3190	-0.7	-76.1074	36.9153	VA
3047	-2.5	-76.1391	36.9243	VA	3119	-0.3	-76.0699	36.9194	VA	3191	2.9	-76.0913	36.9153	VA
3048	1.7	-76.0596	36.9243	VA	3120	0.2	-76.1203	36.9193	VA	3192	-0.2	-76.1068	36.9152	VA
3049	-2.9	-76.1386	36.9242	VA	3121	-0.4	-76.0704	36.9193	VA	3193	2.1	-76.0918	36.9151	VA
3050	-1.3	-75.9936	36.9241	VA	3122	-0.3	-76.071	36.9192	VA	3194	1.5	-75.9871	36.9151	VA
3051	-2.9	-76.138	36.924	VA	3123	1.4	-75.9882	36.9192	VA	3195	0.2	-76.1063	36.915	VA
3052	1.6	-76.0601	36.924	VA	3124	0	-76.1198	36.9191	VA	3196	0.8	-76.0924	36.915	VA
3053	-2.9	-76.1375	36.9239	VA	3125	-0.2	-76.1192	36.919	VA	3197	-0.4	-76.0929	36.9149	VA
3054	1.4	-76.0606	36.9238	VA	3126	-0.3	-76.0715	36.919	VA	3198	-0.3	-76.1057	36.9148	VA
3055	-1.4	-75.9931	36.9238	VA	3127	-0.3	-76.0721	36.9189	VA	3199	-0.8	-76.1052	36.9147	VA
3056	-2.7	-76.1369	36.9237	VA	3128	-0.2	-76.1187	36.9188	VA	3200	1.4	-75.987	36.9147	VA
3057	-2.4	-76.1364	36.9236	VA	3129	-0.3	-76.0727	36.9188	VA	3201	-1.3	-76.1047	36.9145	VA
3058	-1.7	-76.1358	36.9235	VA	3130	1.8	-75.9881	36.9188	VA	3202	-1.9	-76.1041	36.9143	VA
3059	1.3	-76.0611	36.9235	VA	3131	-0.2	-76.0732	36.9187	VA	3203	0.4	-76.0963	36.9143	VA
3060	-1.2	-75.9927	36.9235	VA	3132	-0.1	-76.1182	36.9186	VA	3204	-1.4	-76.1036	36.9142	VA
3061	-0.9	-76.1353	36.9233	VA	3133	-0.1	-76.0738	36.9186	VA	3205	1.4	-75.9869	36.9142	VA
3062	1.4	-76.0616	36.9233	VA	3134	-0.1	-76.1176	36.9185	VA	3206	2.1	-76.0969	36.9142	VA
3063	-0.5	-76.1347	36.9232	VA	3135	-0.3	-76.0744	36.9185	VA	3207	3.8	-76.0975	36.9141	VA
3064	-1	-75.9922	36.9232	VA	3136	-0.4	-76.0749	36.9184	VA	3208	-0.9	-76.103	36.914	VA
3065	-0.1	-76.1342	36.9231	VA	3137	0	-76.1171	36.9183	VA	3209	2.4	-76.098	36.914	VA
3066	1.6	-76.062	36.9231	VA	3138	-0.1	-76.0755	36.9183	VA	3210	1.1	-76.1025	36.9138	VA
3067	-0.3	-76.1336	36.9229	VA	3139	2.3	-75.9879	36.9183	VA	3211	1.1	-76.0986	36.9138	VA
3068	-0.7	-75.9918	36.9229	VA	3140	0.1	-76.076	36.9182	VA	3212	-1.2	-76.102	36.9137	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3213	0.9	-76.0991	36.9137	VA	3285	-0.4	-75.9827	36.8945	VA	3357	-0.3	-75.9724	36.8628	VA
3214	1.4	-75.9867	36.9137	VA	3286	-0.5	-75.9826	36.894	VA	3358	-0.3	-75.9723	36.8624	VA
3215	0.8	-76.0997	36.9136	VA	3287	-0.5	-75.9825	36.8936	VA	3359	-0.3	-75.9722	36.8619	VA
3216	-1.5	-76.1014	36.9135	VA	3288	-0.5	-75.9824	36.8931	VA	3360	-0.4	-75.9721	36.8615	VA
3217	0.9	-76.1003	36.9135	VA	3289	-0.5	-75.9822	36.8927	VA	3361	-0.3	-75.9719	36.861	VA
3218	0.9	-76.1008	36.9134	VA	3290	-0.5	-75.9821	36.8922	VA	3362	-0.2	-75.9718	36.8606	VA
3219	-1.9	-76.1009	36.9133	VA	3291	-0.4	-75.982	36.8917	VA	3363	-0.3	-75.9717	36.8601	VA
3220	1	-76.1014	36.9133	VA	3292	-0.2	-75.9819	36.8913	VA	3364	-0.3	-75.9716	36.8597	VA
3221	1.3	-75.9866	36.9133	VA	3293	-0.2	-75.9817	36.8908	VA	3365	-0.3	-75.9714	36.8592	VA
3222	-1.7	-76.1003	36.9132	VA	3294	-0.2	-75.9816	36.8904	VA	3366	-0.3	-75.9713	36.8587	VA
3223	-1.4	-76.0998	36.913	VA	3295	-0.2	-75.9815	36.8899	VA	3367	-0.3	-75.9712	36.8583	VA
3224	-1.5	-76.0993	36.9128	VA	3296	-0.2	-75.9814	36.8895	VA	3368	-0.3	-75.9711	36.8578	VA
3225	1.2	-75.9865	36.9128	VA	3297	-0.2	-75.9812	36.889	VA	3369	-0.1	-75.971	36.8574	VA
3226	-1.8	-76.0987	36.9127	VA	3298	-0.2	-75.9811	36.8886	VA	3370	0	-75.9708	36.8569	VA
3227	-1.7	-76.0982	36.9125	VA	3299	-0.2	-75.981	36.8881	VA	3371	0	-75.9707	36.8565	VA
3228	1.3	-75.9864	36.9124	VA	3300	-0.1	-75.9809	36.8877	VA	3372	0	-75.9706	36.856	VA
3229	-1.4	-76.0977	36.9123	VA	3301	-0.2	-75.9807	36.8872	VA	3373	0	-75.9705	36.8556	VA
3230	-1.3	-76.0971	36.9122	VA	3302	-0.2	-75.9806	36.8868	VA	3374	0	-75.9703	36.8551	VA
3231	-1.3	-76.0966	36.912	VA	3303	-0.3	-75.9805	36.8863	VA	3375	0	-75.9702	36.8547	VA
3232	1.4	-75.9863	36.9119	VA	3304	-0.4	-75.9804	36.8858	VA	3376	0.1	-75.9701	36.8542	VA
3233	-0.9	-76.096	36.9118	VA	3305	-0.2	-75.9802	36.8854	VA	3377	0	-75.97	36.8537	VA
3234	-0.3	-76.0955	36.9117	VA	3306	0	-75.9801	36.8849	VA	3378	0	-75.9699	36.8533	VA
3235	-1	-76.095	36.9115	VA	3307	0.1	-75.98	36.8845	VA	3379	-0.1	-75.9697	36.8528	VA
3236	1.2	-75.9862	36.9115	VA	3308	0.1	-75.9799	36.884	VA	3380	-0.2	-75.9696	36.8524	VA
3237	-1.8	-76.0944	36.9113	VA	3309	0.1	-75.9797	36.8836	VA	3381	-0.1	-75.9695	36.8519	VA
3238	-0.8	-76.0939	36.9112	VA	3310	0	-75.9796	36.8831	VA	3382	-0.1	-75.9694	36.8515	VA
3239	0.2	-76.0933	36.911	VA	3311	0.1	-75.9795	36.8827	VA	3383	-0.1	-75.9692	36.851	VA
3240	1	-75.986	36.911	VA	3312	0.2	-75.9794	36.8822	VA	3384	-0.1	-75.9691	36.8506	VA
3241	-1.1	-76.0928	36.9108	VA	3313	0.2	-75.9792	36.8818	VA	3385	-0.2	-75.969	36.8501	VA
3242	-2.5	-76.0923	36.9107	VA	3314	0.1	-75.9791	36.8813	VA	3386	-0.2	-75.9689	36.8496	VA
3243	25	-76.0917	36.9105	VA	3315	0.2	-75.979	36.8809	VA	3387	-0.2	-75.9688	36.8492	VA
3244	1.1	-75.9859	36.9105	VA	3316	0.2	-75.9789	36.8804	VA	3388	-0.2	-75.9686	36.8487	VA
3245	54.9	-76.0912	36.9103	VA	3317	0.1	-75.9787	36.88	VA	3389	-0.2	-75.9685	36.8483	VA
3246	27.8	-76.0906	36.9102	VA	3318	-0.1	-75.9786	36.8795	VA	3390	-0.2	-75.9684	36.8478	VA
3247	1.2	-75.9858	36.9101	VA	3319	-0.1	-75.9785	36.879	VA	3391	-0.3	-75.9683	36.8474	VA
3248	0.6	-76.0901	36.91	VA	3320	-0.1	-75.9784	36.8786	VA	3392	-0.3	-75.9681	36.8469	VA
3249	1.2	-75.9857	36.9096	VA	3321	-0.1	-75.9782	36.8781	VA	3393	-0.3	-75.968	36.8465	VA
3250	1	-75.9856	36.9092	VA	3322	0	-75.9781	36.8777	VA	3394	-0.3	-75.9679	36.846	VA
3251	1	-75.9854	36.9087	VA	3323	-0.2	-75.978	36.8772	VA	3395	-0.2	-75.9678	36.8456	VA
3252	1	-75.9853	36.9083	VA	3324	-0.4	-75.9779	36.8768	VA	3396	-0.2	-75.9677	36.8451	VA
3253	1	-75.9852	36.9078	VA	3325	-0.5	-75.9777	36.8763	VA	3397	0	-75.9675	36.8446	VA
3254	1	-75.9851	36.9074	VA	3326	-0.6	-75.9776	36.8759	VA	3398	0.3	-75.9674	36.8442	VA
3255	1	-75.985	36.9069	VA	3327	-0.7	-75.9775	36.8754	VA	3399	0.4	-75.9673	36.8437	VA
3256	1	-75.9848	36.9064	VA	3328	-0.9	-75.9774	36.875	VA	3400	0.6	-75.9672	36.8433	VA
3257	1	-75.9847	36.906	VA	3329	-0.8	-75.9772	36.8745	VA	3401	0.5	-75.967	36.8428	VA
3258	1	-75.9846	36.9055	VA	3330	-0.7	-75.9771	36.8741	VA	3402	0.5	-75.9669	36.8424	VA
3259	0.9	-75.9845	36.9051	VA	3331	-0.7	-75.977	36.8736	VA	3403	0.5	-75.9668	36.8419	VA
3260	0.9	-75.9844	36.9046	VA	3332	-0.7	-75.9769	36.8731	VA	3404	0.4	-75.9667	36.8415	VA
3261	0.8	-75.9842	36.9042	VA	3333	-0.7	-75.9767	36.8727	VA	3405	0.4	-75.9665	36.841	VA
3262	0.7	-75.9841	36.9037	VA	3334	-0.6	-75.9766	36.8722	VA	3406	0.3	-75.9664	36.8405	VA
3263	0.9	-75.984	36.9032	VA	3335	-0.7	-75.9765	36.8718	VA	3407	0.3	-75.9663	36.8401	VA
3264	1	-75.9839	36.9028	VA	3336	-0.9	-75.9764	36.8713	VA	3408	0.3	-75.9662	36.8396	VA
3265	1	-75.9838	36.9023	VA	3337	-0.9	-75.9762	36.8709	VA	3409	0.3	-75.9661	36.8392	VA
3266	1	-75.9836	36.9019	VA	3338	-1	-75.9761	36.8704	VA	3410	0.3	-75.9659	36.8387	VA
3267	1.2	-75.9835	36.9014	VA	3339	-1.1	-75.976	36.87	VA	3411	0.3	-75.9658	36.8383	VA
3268	1.4	-75.9834	36.901	VA	3340	-1.2	-75.9759	36.8695	VA	3412	0.3	-75.9657	36.8378	VA
3269	1.4	-75.9833	36.9005	VA	3341	-1.2	-75.9757	36.8691	VA	3413	0.2	-75.9656	36.8374	VA
3270	1.4	-75.9832	36.9001	VA	3342	-1.1	-75.9756	36.8686	VA	3414	0.2	-75.9654	36.8369	VA
3271	1.4	-75.983	36.8996	VA	3343	-1.1	-75.9755	36.8682	VA	3415	0.2	-75.9653	36.8365	VA
3272	1.4	-75.9829	36.8991	VA	3344	-1.1	-75.9754	36.8677	VA	3416	0.3	-75.9652	36.836	VA
3273	1.5	-75.9828	36.8987	VA	3345	-0.4	-75.9737	36.8674	VA	3417	0.1	-75.966	36.836	VA
3274	1.6	-75.9827	36.8982	VA	3346	-1.2	-75.9752	36.8673	VA	3418	0.1	-75.9659	36.8355	VA
3275	0	-75.9837	36.8981	VA	3347	-0.5	-75.9735	36.8669	VA	3419	0.2	-75.9658	36.8351	VA
3276	1.7	-75.9826	36.8978	VA	3348	-1.2	-75.9751	36.8668	VA	3420	0.2	-75.9657	36.8346	VA
3277	0	-75.9836	36.8976	VA	3349	-0.4	-75.9734	36.8665	VA	3421	0.2	-75.9656	36.8342	VA
3278	1.9	-75.9824	36.8973	VA	3350	-0.4	-75.9733	36.866	VA	3422	0.2	-75.9655	36.8337	VA
3279	-0.1	-75.9835	36.8972	VA	3351	-0.4	-75.9732	36.8656	VA	3423	0.2	-75.9653	36.8332	VA
3280	-0.2	-75.9834	36.8967	VA	3352	-0.5	-75.973	36.8651	VA	3424	0.3	-75.9652	36.8328	VA
3281	-0.3	-75.9832	36.8963	VA	3353	-0.4	-75.9729	36.8647	VA	3425	0.3	-75.9651	36.8323	VA
3282	-0.4	-75.9831	36.8958	VA	3354	-0.4	-75.9728	36.8642	VA	3426	0.3	-75.965	36.8319	VA
3283	-0.4	-75.983	36.8954	VA	3355	-0.4	-75.9727	36.8638	VA	3427	0.5	-75.9649	36.8314	VA
3284	-0.4	-75.9829	36.8949	VA	3356	-0.4	-75.9726	36.8633	VA	3428	0.7	-75.9648	36.8309	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3429	0.3	-75.9647	36.8305	VA	3501	0.2	-75.9575	36.7986	VA	3573	0.3	-75.9466	36.7677	VA
3430	-0.2	-75.9646	36.83	VA	3502	0.2	-75.9574	36.7981	VA	3574	0.3	-75.9464	36.7673	VA
3431	0.2	-75.9645	36.8296	VA	3503	0.1	-75.9573	36.7977	VA	3575	0.1	-75.9463	36.7668	VA
3432	0.6	-75.9644	36.8291	VA	3504	-0.1	-75.9571	36.7972	VA	3576	0	-75.9461	36.7664	VA
3433	0.6	-75.9643	36.8287	VA	3505	-0.1	-75.957	36.7968	VA	3577	0	-75.9459	36.7659	VA
3434	0.6	-75.9642	36.8282	VA	3506	-0.1	-75.9569	36.7963	VA	3578	-0.1	-75.9458	36.7655	VA
3435	0.4	-75.9641	36.8277	VA	3507	-0.2	-75.9567	36.7959	VA	3579	-0.2	-75.9456	36.7651	VA
3436	0.3	-75.964	36.8273	VA	3508	-0.3	-75.9566	36.7954	VA	3580	-0.3	-75.9454	36.7646	VA
3437	0.3	-75.9638	36.8268	VA	3509	-0.3	-75.9565	36.7949	VA	3581	-0.3	-75.9453	36.7642	VA
3438	0.2	-75.9637	36.8264	VA	3510	-0.2	-75.9563	36.7945	VA	3582	-0.4	-75.9451	36.7637	VA
3439	0.1	-75.9636	36.8259	VA	3511	-0.2	-75.9562	36.794	VA	3583	-0.3	-75.9449	36.7633	VA
3440	0	-75.9635	36.8255	VA	3512	-0.1	-75.956	36.7936	VA	3584	-0.3	-75.9448	36.7628	VA
3441	0	-75.9634	36.825	VA	3513	-0.1	-75.9559	36.7931	VA	3585	-0.2	-75.9446	36.7624	VA
3442	-0.1	-75.9633	36.8245	VA	3514	-0.1	-75.9558	36.7927	VA	3586	-0.2	-75.9444	36.7619	VA
3443	-0.1	-75.9632	36.8241	VA	3515	-0.1	-75.9556	36.7922	VA	3587	0	-75.9443	36.7615	VA
3444	-0.2	-75.9631	36.8236	VA	3516	-0.1	-75.9555	36.7918	VA	3588	0.1	-75.9441	36.7611	VA
3445	-0.2	-75.963	36.8232	VA	3517	-0.1	-75.9554	36.7913	VA	3589	0.3	-75.9439	36.7606	VA
3446	-0.3	-75.9629	36.8227	VA	3518	-0.1	-75.9552	36.7909	VA	3590	0.4	-75.9438	36.7602	VA
3447	-0.3	-75.9628	36.8223	VA	3519	-0.1	-75.9551	36.7904	VA	3591	0.3	-75.9436	36.7597	VA
3448	-0.3	-75.9627	36.8218	VA	3520	-0.1	-75.955	36.79	VA	3592	0.1	-75.9435	36.7593	VA
3449	-0.4	-75.9626	36.8213	VA	3521	0	-75.9548	36.7895	VA	3593	0.1	-75.9433	36.7588	VA
3450	-0.4	-75.9625	36.8209	VA	3522	0	-75.9547	36.7891	VA	3594	0	-75.9431	36.7584	VA
3451	-0.4	-75.9623	36.8204	VA	3523	-0.1	-75.9546	36.7886	VA	3595	0	-75.943	36.758	VA
3452	-0.4	-75.9622	36.82	VA	3524	-0.2	-75.9544	36.7882	VA	3596	0.1	-75.9428	36.7575	VA
3453	-0.4	-75.9621	36.8195	VA	3525	-0.2	-75.9543	36.7877	VA	3597	0	-75.9426	36.7571	VA
3454	-0.5	-75.962	36.819	VA	3526	-0.3	-75.9542	36.7873	VA	3598	-0.1	-75.9425	36.7566	VA
3455	-0.6	-75.9619	36.8186	VA	3527	-0.3	-75.954	36.7868	VA	3599	-0.1	-75.9423	36.7562	VA
3456	-0.6	-75.9618	36.8181	VA	3528	-0.3	-75.9539	36.7864	VA	3600	-0.1	-75.9421	36.7557	VA
3457	-0.6	-75.9617	36.8177	VA	3529	-0.4	-75.9538	36.7859	VA	3601	-0.2	-75.942	36.7553	VA
3458	-0.6	-75.9616	36.8172	VA	3530	-0.4	-75.9536	36.7855	VA	3602	-0.2	-75.9418	36.7548	VA
3459	-0.7	-75.9615	36.8168	VA	3531	-0.4	-75.9535	36.785	VA	3603	-0.3	-75.9416	36.7544	VA
3460	-0.8	-75.9614	36.8163	VA	3532	-0.4	-75.9533	36.7846	VA	3604	-0.4	-75.9415	36.754	VA
3461	-0.8	-75.9613	36.8158	VA	3533	-0.4	-75.9532	36.7841	VA	3605	-0.5	-75.9413	36.7535	VA
3462	-0.8	-75.9612	36.8154	VA	3534	-0.3	-75.9531	36.7836	VA	3606	-0.5	-75.9411	36.7531	VA
3463	-0.8	-75.9611	36.8149	VA	3535	-0.3	-75.9529	36.7832	VA	3607	-0.5	-75.941	36.7526	VA
3464	-0.8	-75.961	36.8145	VA	3536	-0.3	-75.9528	36.7827	VA	3608	-0.6	-75.9408	36.7522	VA
3465	-0.8	-75.9608	36.814	VA	3537	-0.2	-75.9527	36.7823	VA	3609	-0.5	-75.9406	36.7517	VA
3466	-0.8	-75.9607	36.8136	VA	3538	-0.1	-75.9525	36.7818	VA	3610	-0.4	-75.9405	36.7513	VA
3467	-0.8	-75.9606	36.8131	VA	3539	-0.1	-75.9524	36.7814	VA	3611	-0.4	-75.9403	36.7509	VA
3468	-0.8	-75.9605	36.8126	VA	3540	-0.1	-75.9523	36.7809	VA	3612	-0.4	-75.9401	36.7504	VA
3469	-0.7	-75.9604	36.8122	VA	3541	-0.2	-75.9521	36.7805	VA	3613	-0.5	-75.94	36.75	VA
3470	-0.6	-75.9603	36.8117	VA	3542	-0.2	-75.952	36.78	VA	3614	-0.6	-75.9398	36.7495	VA
3471	-0.5	-75.9602	36.8113	VA	3543	-0.2	-75.9519	36.7796	VA	3615	-0.5	-75.9396	36.7491	VA
3472	-0.4	-75.9601	36.8108	VA	3544	-0.2	-75.9517	36.7791	VA	3616	-0.5	-75.9395	36.7486	VA
3473	-0.4	-75.96	36.8104	VA	3545	-0.1	-75.9516	36.7787	VA	3617	-0.7	-75.9393	36.7482	VA
3474	-0.5	-75.9599	36.8099	VA	3546	-0.1	-75.9515	36.7782	VA	3618	-0.8	-75.9391	36.7477	VA
3475	-0.4	-75.9598	36.8094	VA	3547	-0.1	-75.9513	36.7778	VA	3619	-0.8	-75.939	36.7473	VA
3476	-0.3	-75.9597	36.809	VA	3548	-0.2	-75.9512	36.7773	VA	3620	-0.9	-75.9388	36.7469	VA
3477	-1.4	-75.9596	36.8085	VA	3549	-0.2	-75.951	36.7769	VA	3621	-0.9	-75.9386	36.7464	VA
3478	-2.5	-75.9595	36.8081	VA	3550	-0.3	-75.9509	36.7764	VA	3622	-1	-75.9385	36.746	VA
3479	-1.4	-75.9593	36.8076	VA	3551	-0.3	-75.9508	36.776	VA	3623	-0.9	-75.9383	36.7455	VA
3480	-0.3	-75.9592	36.8071	VA	3552	-0.3	-75.9506	36.7755	VA	3624	-0.8	-75.9381	36.7451	VA
3481	-0.3	-75.9591	36.8067	VA	3553	-0.3	-75.9505	36.7751	VA	3625	-0.8	-75.938	36.7446	VA
3482	-0.4	-75.959	36.8062	VA	3554	1.1	-75.9493	36.7748	VA	3626	-1.1	-75.938	36.7446	VA
3483	-0.3	-75.9589	36.8058	VA	3555	-0.3	-75.9504	36.7746	VA	3627	-0.8	-75.9378	36.7442	VA
3484	-0.3	-75.9588	36.8053	VA	3556	1.1	-75.9491	36.7744	VA	3628	-1.1	-75.9379	36.7441	VA
3485	-0.2	-75.9587	36.8049	VA	3557	-0.4	-75.9502	36.7742	VA	3629	-1	-75.9377	36.7437	VA
3486	0.5	-75.9594	36.8049	VA	3558	1.1	-75.9489	36.7739	VA	3630	-1	-75.9375	36.7432	VA
3487	-0.1	-75.9586	36.8044	VA	3559	-0.4	-75.9501	36.7737	VA	3631	-0.9	-75.9373	36.7428	VA
3488	0.6	-75.9593	36.8044	VA	3560	1.1	-75.9488	36.7735	VA	3632	-0.8	-75.9372	36.7423	VA
3489	0.5	-75.9592	36.804	VA	3561	0.9	-75.9486	36.773	VA	3633	-0.6	-75.937	36.7419	VA
3490	0.4	-75.959	36.8035	VA	3562	0.8	-75.9484	36.7726	VA	3634	-0.6	-75.9368	36.7414	VA
3491	0.4	-75.9589	36.8031	VA	3563	0.8	-75.9483	36.7722	VA	3635	-0.6	-75.9367	36.741	VA
3492	0.4	-75.9588	36.8026	VA	3564	0.8	-75.9481	36.7717	VA	3636	-0.5	-75.9365	36.7405	VA
3493	0.4	-75.9586	36.8022	VA	3565	0.7	-75.9479	36.7713	VA	3637	-0.4	-75.9363	36.7401	VA
3494	0.3	-75.9585	36.8017	VA	3566	0.6	-75.9478	36.7708	VA	3638	-0.3	-75.9361	36.7397	VA
3495	0.2	-75.9583	36.8013	VA	3567	0.6	-75.9476	36.7704	VA	3639	-0.3	-75.936	36.7392	VA
3496	0.1	-75.9582	36.8008	VA	3568	0.5	-75.9474	36.7699	VA	3640	-0.2	-75.9358	36.7388	VA
3497	0.1	-75.9581	36.8004	VA	3569	0.4	-75.9473	36.7695	VA	3641	-0.2	-75.9356	36.7383	VA
3498	0.1	-75.9579	36.7999	VA	3570	0.3	-75.9471	36.769	VA	3642	-0.3	-75.9355	36.7379	VA
3499	0.1	-75.9578	36.7995	VA	3571	0.3	-75.9469	36.7686	VA	3643	-0.4	-75.9353	36.7374	VA
3500	0.2	-75.9577	36.799	VA	3572	0.3	-75.9468	36.7682	VA	3644	-0.5	-75.9351	36.737	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3645	-0.5	-75.9349	36.7365	VA	3717	-2.5	-75.9213	36.7063	VA	3789	-1.7	-75.9076	36.6759	VA
3646	-0.5	-75.9348	36.7361	VA	3718	-2.5	-75.9211	36.7059	VA	3790	-1.7	-75.9074	36.6754	VA
3647	-0.4	-75.9346	36.7357	VA	3719	-2.5	-75.9209	36.7054	VA	3791	-1.6	-75.9072	36.675	VA
3648	-0.4	-75.9344	36.7352	VA	3720	-2.5	-75.9207	36.705	VA	3792	-1.7	-75.9069	36.6746	VA
3649	-0.4	-75.9342	36.7348	VA	3721	-2.4	-75.9205	36.7045	VA	3793	-1.7	-75.9067	36.6741	VA
3650	-0.5	-75.9341	36.7343	VA	3722	-2.5	-75.9203	36.7041	VA	3794	-1.7	-75.9065	36.6737	VA
3651	-0.5	-75.9339	36.7339	VA	3723	-2.5	-75.9201	36.7037	VA	3795	-1.7	-75.9063	36.6733	VA
3652	-0.6	-75.9337	36.7334	VA	3724	-2.6	-75.9199	36.7032	VA	3796	-1.6	-75.906	36.6729	VA
3653	-0.7	-75.9336	36.733	VA	3725	-2.6	-75.9197	36.7028	VA	3797	-1.5	-75.9058	36.6724	VA
3654	-0.7	-75.9334	36.7325	VA	3726	-2.6	-75.9195	36.7024	VA	3798	-1.4	-75.9056	36.672	VA
3655	-0.7	-75.9332	36.7321	VA	3727	-2.6	-75.9193	36.7019	VA	3799	-1.3	-75.9054	36.6716	VA
3656	-0.7	-75.933	36.7316	VA	3728	-2.7	-75.9191	36.7015	VA	3800	-1.4	-75.9051	36.6711	VA
3657	-0.6	-75.9329	36.7312	VA	3729	-2.7	-75.9189	36.701	VA	3801	-1.4	-75.9049	36.6707	VA
3658	-0.6	-75.9327	36.7308	VA	3730	-2.7	-75.9187	36.7006	VA	3802	-1.4	-75.9047	36.6703	VA
3659	-0.6	-75.9325	36.7303	VA	3731	-2.6	-75.9185	36.7002	VA	3803	-1.5	-75.9045	36.6699	VA
3660	-0.7	-75.9324	36.7299	VA	3732	-2.6	-75.9184	36.6997	VA	3804	-1.5	-75.9042	36.6694	VA
3661	-0.7	-75.9322	36.7294	VA	3733	-2.5	-75.9182	36.6993	VA	3805	-1.4	-75.904	36.669	VA
3662	-0.9	-75.932	36.729	VA	3734	-2.4	-75.918	36.6989	VA	3806	-1.6	-75.9038	36.6686	VA
3663	-1.1	-75.9318	36.7285	VA	3735	-2.3	-75.9178	36.6984	VA	3807	-1.7	-75.9036	36.6681	VA
3664	-1.2	-75.9317	36.7281	VA	3736	-2.3	-75.9176	36.698	VA	3808	-1.7	-75.9033	36.6677	VA
3665	-1.3	-75.9315	36.7276	VA	3737	-2.3	-75.9174	36.6975	VA	3809	-1.6	-75.9031	36.6673	VA
3666	-1.4	-75.9313	36.7272	VA	3738	-2.3	-75.9172	36.6971	VA	3810	-1.5	-75.9029	36.6669	VA
3667	-1.4	-75.9312	36.7268	VA	3739	-2.2	-75.917	36.6967	VA	3811	-1.4	-75.9027	36.6664	VA
3668	-1.5	-75.931	36.7263	VA	3740	-2.1	-75.9168	36.6962	VA	3812	-1.4	-75.9024	36.666	VA
3669	-1.6	-75.9308	36.7259	VA	3741	-2.1	-75.9166	36.6958	VA	3813	-1.4	-75.9022	36.6656	VA
3670	-1.6	-75.9306	36.7254	VA	3742	-2	-75.9164	36.6954	VA	3814	-1.4	-75.902	36.6651	VA
3671	-1.6	-75.9305	36.725	VA	3743	-1.9	-75.9162	36.6949	VA	3815	-1.5	-75.9018	36.6647	VA
3672	-1.7	-75.9303	36.7245	VA	3744	-1.8	-75.916	36.6945	VA	3816	-1.5	-75.9015	36.6643	VA
3673	-1.8	-75.9301	36.7241	VA	3745	-1.8	-75.9158	36.694	VA	3817	-1.6	-75.9013	36.6639	VA
3674	-1.9	-75.93	36.7236	VA	3746	-1.8	-75.9156	36.6936	VA	3818	-1.7	-75.9011	36.6634	VA
3675	-1.9	-75.9298	36.7232	VA	3747	-1.9	-75.9154	36.6932	VA	3819	-1.9	-75.9009	36.663	VA
3676	-2	-75.9296	36.7227	VA	3748	-1.8	-75.9152	36.6927	VA	3820	-2	-75.9006	36.6626	VA
3677	-2	-75.9294	36.7223	VA	3749	-1.7	-75.915	36.6923	VA	3821	-2.1	-75.9004	36.6622	VA
3678	-1.9	-75.9293	36.7219	VA	3750	-1.9	-75.9148	36.6918	VA	3822	-2.1	-75.9002	36.6617	VA
3679	-1.9	-75.9291	36.7214	VA	3751	-2	-75.9146	36.6914	VA	3823	-2.1	-75.9	36.6613	VA
3680	-2	-75.9289	36.721	VA	3752	-2	-75.9144	36.691	VA	3824	-1.9	-75.8997	36.6609	VA
3681	-2.1	-75.9287	36.7205	VA	3753	-2.1	-75.9142	36.6905	VA	3825	-1.8	-75.8995	36.6604	VA
3682	-2.1	-75.9286	36.7201	VA	3754	-2.1	-75.914	36.6901	VA	3826	-1.9	-75.8993	36.66	VA
3683	-2	-75.9284	36.7196	VA	3755	-2.1	-75.9138	36.6897	VA	3827	-2	-75.8991	36.6596	VA
3684	-1.9	-75.9282	36.7192	VA	3756	-2.1	-75.9136	36.6892	VA	3828	-2	-75.8988	36.6592	VA
3685	-1.9	-75.9281	36.7187	VA	3757	-2.1	-75.9134	36.6888	VA	3829	-2.1	-75.8986	36.6587	VA
3686	-1.9	-75.9279	36.7183	VA	3758	-2.1	-75.9132	36.6883	VA	3830	-2.1	-75.8984	36.6583	VA
3687	-2	-75.9277	36.7179	VA	3759	-2.1	-75.913	36.6879	VA	3831	-2.1	-75.8982	36.6579	VA
3688	-2	-75.9275	36.7174	VA	3760	-2.1	-75.9128	36.6875	VA	3832	-2	-75.8979	36.6574	VA
3689	-2	-75.9274	36.717	VA	3761	-2.1	-75.9126	36.687	VA	3833	-1.9	-75.8977	36.657	VA
3690	-2	-75.9272	36.7165	VA	3762	-2.1	-75.9124	36.6866	VA	3834	-1.9	-75.8975	36.6566	VA
3691	-2	-75.927	36.7161	VA	3763	-2.1	-75.9122	36.6862	VA	3835	-1.8	-75.8973	36.6562	VA
3692	-2.1	-75.9269	36.7156	VA	3764	-2.1	-75.912	36.6857	VA	3836	-1.9	-75.897	36.6557	VA
3693	-2.3	-75.9267	36.7152	VA	3765	-2.1	-75.9118	36.6853	VA	3837	1.1	-75.8977	36.6555	VA
3694	-2.3	-75.9265	36.7147	VA	3766	-2.1	-75.9116	36.6848	VA	3838	-1.9	-75.8968	36.6553	VA
3695	-2.7	-75.9251	36.7146	VA	3767	-2.4	-75.9123	36.6848	VA	3839	1.1	-75.8975	36.6551	VA
3696	-2.3	-75.9263	36.7143	VA	3768	-2.1	-75.9114	36.6844	VA	3840	1.3	-75.8973	36.6547	VA
3697	-2.7	-75.9249	36.7142	VA	3769	-2.4	-75.9121	36.6844	VA	3841	1.4	-75.8971	36.6542	VA
3698	-2.3	-75.9262	36.7138	VA	3770	-2.4	-75.9119	36.684	VA	3842	1.3	-75.8969	36.6538	VA
3699	-2.8	-75.9247	36.7137	VA	3771	-2.3	-75.9117	36.6836	VA	3843	1.2	-75.8967	36.6534	VA
3700	-2.4	-75.926	36.7134	VA	3772	-2.3	-75.9114	36.6831	VA	3844	1.1	-75.8965	36.6529	VA
3701	-2.8	-75.9245	36.7133	VA	3773	-2.3	-75.9112	36.6827	VA	3845	1.1	-75.8962	36.6525	VA
3702	-2.7	-75.9243	36.7129	VA	3774	-2.3	-75.911	36.6823	VA	3846	1.1	-75.896	36.6521	VA
3703	-2.7	-75.9241	36.7124	VA	3775	-2.2	-75.9108	36.6818	VA	3847	1.2	-75.8958	36.6516	VA
3704	-2.8	-75.9239	36.712	VA	3776	-2.2	-75.9105	36.6814	VA	3848	1.2	-75.8956	36.6512	VA
3705	-2.9	-75.9237	36.7116	VA	3777	-2.1	-75.9103	36.681	VA	3849	1.3	-75.8954	36.6508	VA
3706	-2.9	-75.9235	36.7111	VA	3778	-2	-75.9101	36.6806	VA	3850	1.3	-75.8952	36.6503	VA
3707	-2.8	-75.9233	36.7107	VA	3779	-1.9	-75.9099	36.6801	VA	3851	1.3	-75.895	36.6499	VA
3708	-2.9	-75.9231	36.7102	VA	3780	-1.9	-75.9096	36.6797	VA	3852	1.1	-75.8948	36.6495	VA
3709	-3	-75.9229	36.7098	VA	3781	-1.8	-75.9094	36.6793	VA	3853	1	-75.8946	36.649	VA
3710	-3	-75.9227	36.7094	VA	3782	-1.8	-75.9092	36.6788	VA	3854	0.9	-75.8944	36.6486	VA
3711	-3	-75.9225	36.7089	VA	3783	-1.7	-75.909	36.6784	VA	3855	0.9	-75.8942	36.6482	VA
3712	-3	-75.9223	36.7085	VA	3784	-1.7	-75.9087	36.678	VA	3856	0.9	-75.894	36.6477	VA
3713	-3	-75.9221	36.7081	VA	3785	-1.7	-75.9085	36.6776	VA	3857	1	-75.8938	36.6473	VA
3714	-2.9	-75.9219	36.7076	VA	3786	-1.7	-75.9083	36.6771	VA	3858	1	-75.8936	36.6469	VA
3715	-2.8	-75.9217	36.7072	VA	3787	-1.7	-75.9081	36.6767	VA	3859	1	-75.8934	36.6464	VA
3716	-2.7	-75.9215	36.7067	VA	3788	-1.7	-75.9078	36.6763	VA	3860	0.8	-75.8932	36.646	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3861	0.7	-75.893	36.6456	VA	3933	0.2	-75.8797	36.6141	VA	4005	-0.7	-75.8691	36.5829	VA
3862	0.7	-75.8928	36.6451	VA	3934	0.2	-75.8795	36.6137	VA	4006	-0.6	-75.869	36.5825	VA
3863	0.7	-75.8925	36.6447	VA	3935	0.1	-75.8793	36.6132	VA	4007	-0.5	-75.8689	36.582	VA
3864	0.8	-75.8923	36.6443	VA	3936	0	-75.8792	36.6128	VA	4008	-0.4	-75.8688	36.5816	VA
3865	0.8	-75.8921	36.6438	VA	3937	0	-75.879	36.6123	VA	4009	-0.2	-75.8687	36.5811	VA
3866	0.9	-75.8919	36.6434	VA	3938	-0.1	-75.8789	36.6119	VA	4010	-0.2	-75.8686	36.5806	VA
3867	1	-75.8917	36.643	VA	3939	-0.2	-75.8787	36.6114	VA	4011	-0.2	-75.8685	36.5802	VA
3868	1.1	-75.8915	36.6425	VA	3940	-0.3	-75.8785	36.611	VA	4012	-0.2	-75.8683	36.5797	VA
3869	1.3	-75.8913	36.6421	VA	3941	-0.4	-75.8784	36.6105	VA	4013	-0.1	-75.8682	36.5793	VA
3870	1.3	-75.8911	36.6417	VA	3942	-0.4	-75.8782	36.6101	VA	4014	-0.1	-75.8681	36.5788	VA
3871	1.4	-75.8909	36.6412	VA	3943	-0.5	-75.8781	36.6096	VA	4015	-0.1	-75.868	36.5783	VA
3872	1.5	-75.8907	36.6408	VA	3944	-0.6	-75.8779	36.6092	VA	4016	-0.1	-75.8679	36.5779	VA
3873	1.6	-75.8905	36.6403	VA	3945	-0.7	-75.8777	36.6087	VA	4017	0	-75.8678	36.5774	VA
3874	1.7	-75.8903	36.6399	VA	3946	-0.7	-75.8776	36.6083	VA	4018	0.1	-75.8677	36.577	VA
3875	1.7	-75.8901	36.6395	VA	3947	-0.7	-75.8774	36.6078	VA	4019	0.2	-75.8676	36.5765	VA
3876	1.8	-75.8899	36.639	VA	3948	-1	-75.8773	36.6074	VA	4020	0.2	-75.8675	36.5761	VA
3877	1.8	-75.8897	36.6386	VA	3949	-1.2	-75.8771	36.6069	VA	4021	0.2	-75.8674	36.5756	VA
3878	1.8	-75.8895	36.6382	VA	3950	-1.2	-75.8769	36.6065	VA	4022	0.2	-75.8673	36.5751	VA
3879	1.8	-75.8893	36.6377	VA	3951	-1.2	-75.8768	36.606	VA	4023	0.2	-75.8672	36.5747	VA
3880	1.8	-75.8891	36.6373	VA	3952	-1.1	-75.8766	36.6056	VA	4024	0.2	-75.8671	36.5742	VA
3881	1.8	-75.8888	36.6369	VA	3953	-1	-75.8765	36.6051	VA	4025	0.1	-75.867	36.5738	VA
3882	1.8	-75.8886	36.6364	VA	3954	-0.9	-75.8763	36.6047	VA	4026	0.1	-75.8669	36.5733	VA
3883	1.8	-75.8884	36.636	VA	3955	-0.7	-75.8761	36.6043	VA	4027	0.1	-75.8668	36.5729	VA
3884	1.8	-75.8882	36.6356	VA	3956	-0.8	-75.876	36.6038	VA	4028	0	-75.8667	36.5724	VA
3885	1.8	-75.888	36.6351	VA	3957	-0.9	-75.8758	36.6034	VA	4029	-0.1	-75.8666	36.5719	VA
3886	1.9	-75.8878	36.6347	VA	3958	-0.9	-75.8757	36.6029	VA	4030	-0.1	-75.8665	36.5715	VA
3887	2	-75.8876	36.6343	VA	3959	-0.9	-75.8755	36.6025	VA	4031	-0.1	-75.8664	36.571	VA
3888	2	-75.8874	36.6338	VA	3960	-1	-75.8753	36.602	VA	4032	-0.1	-75.8663	36.5706	VA
3889	2	-75.8872	36.6334	VA	3961	-1.1	-75.8752	36.6016	VA	4033	-0.1	-75.8662	36.5701	VA
3890	2.1	-75.887	36.633	VA	3962	-1	-75.875	36.6011	VA	4034	0	-75.8661	36.5697	VA
3891	2.2	-75.8868	36.6325	VA	3963	-1	-75.8748	36.6007	VA	4035	0.1	-75.866	36.5692	VA
3892	2.2	-75.8866	36.6321	VA	3964	-1	-75.8747	36.6002	VA	4036	0.1	-75.8658	36.5687	VA
3893	2.2	-75.8864	36.6317	VA	3965	-1	-75.8745	36.5998	VA	4037	0	-75.8657	36.5683	VA
3894	2.2	-75.8862	36.6312	VA	3966	-1	-75.8744	36.5993	VA	4038	-0.2	-75.8656	36.5678	VA
3895	2.2	-75.886	36.6308	VA	3967	-1.1	-75.8742	36.5989	VA	4039	-0.4	-75.8655	36.5674	VA
3896	2.1	-75.8858	36.6304	VA	3968	-1.1	-75.874	36.5984	VA	4040	-0.4	-75.8654	36.5669	VA
3897	2	-75.8856	36.6299	VA	3969	-1.1	-75.8739	36.598	VA	4041	-0.5	-75.8653	36.5664	VA
3898	1.8	-75.8854	36.6295	VA	3970	-1.1	-75.8737	36.5975	VA	4042	-0.5	-75.8652	36.566	VA
3899	1.7	-75.8851	36.6291	VA	3971	-1.1	-75.8736	36.5971	VA	4043	-0.5	-75.8651	36.5655	VA
3900	1.6	-75.8849	36.6286	VA	3972	-1.2	-75.8734	36.5966	VA	4044	-0.5	-75.865	36.5651	VA
3901	1.6	-75.8847	36.6282	VA	3973	-1.2	-75.8732	36.5962	VA	4045	-0.6	-75.8649	36.5646	VA
3902	1.3	-75.8845	36.6278	VA	3974	-1.4	-75.8731	36.5957	VA	4046	-0.6	-75.8648	36.5642	VA
3903	1.1	-75.8843	36.6273	VA	3975	-1.5	-75.8729	36.5953	VA	4047	-0.3	-75.8656	36.5642	VA
3904	1	-75.8841	36.6269	VA	3976	-1.7	-75.8719	36.5953	VA	4048	-0.6	-75.8647	36.5637	VA
3905	0.9	-75.8839	36.6265	VA	3977	-1.4	-75.8728	36.5948	VA	4049	-0.1	-75.8655	36.5637	VA
3906	0.9	-75.8837	36.626	VA	3978	-1.5	-75.8718	36.5948	VA	4050	-0.1	-75.8654	36.5633	VA
3907	0.9	-75.8835	36.6256	VA	3979	-1.4	-75.8726	36.5944	VA	4051	-0.2	-75.8653	36.5628	VA
3908	2.2	-75.8837	36.6253	VA	3980	-1.4	-75.8717	36.5944	VA	4052	-0.2	-75.8653	36.5623	VA
3909	2.1	-75.8835	36.6249	VA	3981	-1.2	-75.8716	36.5939	VA	4053	-0.1	-75.8652	36.5619	VA
3910	2.2	-75.8834	36.6244	VA	3982	-1.2	-75.8715	36.5935	VA	4054	-0.2	-75.8651	36.5614	VA
3911	2.2	-75.8832	36.624	VA	3983	-1.1	-75.8714	36.593	VA	4055	-0.2	-75.865	36.5609	VA
3912	2	-75.883	36.6235	VA	3984	-1.2	-75.8713	36.5925	VA	4056	-0.1	-75.8649	36.5605	VA
3913	1.9	-75.8829	36.6231	VA	3985	-1.4	-75.8712	36.5921	VA	4057	-0.1	-75.8648	36.56	VA
3914	1.9	-75.8827	36.6226	VA	3986	-1.4	-75.8711	36.5916	VA	4058	-0.1	-75.8647	36.5596	VA
3915	1.9	-75.8826	36.6222	VA	3987	-1.4	-75.871	36.5912	VA	4059	-0.1	-75.8646	36.5591	VA
3916	1.7	-75.8824	36.6217	VA	3988	-1.3	-75.8708	36.5907	VA	4060	-0.1	-75.8645	36.5586	VA
3917	1.6	-75.8822	36.6213	VA	3989	-1.2	-75.8707	36.5902	VA	4061	-0.1	-75.8644	36.5582	VA
3918	1.4	-75.8821	36.6208	VA	3990	-1.2	-75.8706	36.5898	VA	4062	0	-75.8644	36.5577	VA
3919	1.1	-75.8819	36.6204	VA	3991	-1.1	-75.8705	36.5893	VA	4063	-0.1	-75.8643	36.5572	VA
3920	1	-75.8818	36.6199	VA	3992	-1.2	-75.8704	36.5889	VA	4064	-0.1	-75.8642	36.5568	VA
3921	0.9	-75.8816	36.6195	VA	3993	-1.2	-75.8703	36.5884	VA	4065	-0.2	-75.8641	36.5563	VA
3922	0.9	-75.8814	36.619	VA	3994	-1.2	-75.8702	36.588	VA	4066	0	-75.864	36.5559	VA
3923	0.9	-75.8813	36.6186	VA	3995	-1.1	-75.8701	36.5875	VA	4067	0.1	-75.8639	36.5554	VA
3924	0.8	-75.8811	36.6181	VA	3996	-1.1	-75.87	36.587	VA	4068	0.1	-75.8638	36.5549	VA
3925	0.7	-75.8809	36.6177	VA	3997	-1.1	-75.8699	36.5866	VA	4069	0.2	-75.8637	36.5545	VA
3926	0.5	-75.8808	36.6172	VA	3998	-1.1	-75.8698	36.5861	VA	4070	0.2	-75.8636	36.554	VA
3927	0.4	-75.8806	36.6168	VA	3999	-1	-75.8697	36.5857	VA	4071	0.2	-75.8635	36.5536	VA
3928	0.4	-75.8805	36.6163	VA	4000	-1	-75.8696	36.5852	VA	4072	0.3	-75.8635	36.5531	VA
3929	0.4	-75.8803	36.6159	VA	4001	-1	-75.8695	36.5848	VA	4073	0.4	-75.8634	36.5526	VA
3930	0.4	-75.8801	36.6155	VA	4002	-0.9	-75.8694	36.5843	VA	4074	0.5	-75.8633	36.5522	VA
3931	0.4	-75.88	36.615	VA	4003	-0.9	-75.8693	36.5838	VA	4075	0.7	-75.8632	36.5517	VA
3932	0.3	-75.8798	36.6146	VA	4004	-0.8	-75.8692	36.5834	VA	4076	0.8	-75.8631	36.5512	VA
										4077	0.9	-75.863	36.5508	VA
										4078	1.1	-75.8629	36.5503	VA

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
TR#	RATE	LON	LAT	ST	72	0.3	-75.8568	36.5177	NC	144	0.5	-75.8488	36.4862	NC
1	1.2	-75.8628	36.5499	NC	73	0.1	-75.8567	36.5173	NC	145	0.5	-75.8487	36.4857	NC
2	1.3	-75.8627	36.5494	NC	74	0.1	-75.8566	36.5168	NC	146	0.4	-75.8486	36.4853	NC
3	1.3	-75.8626	36.5489	NC	75	0.1	-75.8565	36.5163	NC	147	0.4	-75.8485	36.4848	NC
4	1.2	-75.8626	36.5485	NC	76	0.1	-75.8564	36.5159	NC	148	0.5	-75.8483	36.4844	NC
5	1.2	-75.8625	36.548	NC	77	0.2	-75.8563	36.5154	NC	149	0.6	-75.8482	36.4839	NC
6	1.2	-75.8624	36.5475	NC	78	0	-75.8562	36.515	NC	150	0.6	-75.8481	36.4835	NC
7	1.3	-75.8623	36.5471	NC	79	-0.1	-75.8561	36.5145	NC	151	0.6	-75.848	36.483	NC
8	1.3	-75.8622	36.5466	NC	80	0	-75.856	36.5141	NC	152	0.4	-75.8479	36.4826	NC
9	1.3	-75.8621	36.5462	NC	81	0.2	-75.8559	36.5136	NC	153	0.4	-75.8477	36.4821	NC
10	1.3	-75.862	36.5457	NC	82	0.1	-75.8558	36.5131	NC	154	0.2	-75.8476	36.4817	NC
11	1.3	-75.8619	36.5452	NC	83	-0.1	-75.8557	36.5127	NC	155	0.3	-75.8475	36.4812	NC
12	1.3	-75.8618	36.5448	NC	84	-0.2	-75.8556	36.5122	NC	156	0.3	-75.8474	36.4808	NC
13	1.2	-75.8617	36.5443	NC	85	-0.1	-75.8555	36.5118	NC	157	0.4	-75.8473	36.4803	NC
14	1.1	-75.8617	36.5438	NC	86	-0.2	-75.8554	36.5113	NC	158	0.4	-75.8471	36.4799	NC
15	1.1	-75.8616	36.5434	NC	87	-0.3	-75.8553	36.5109	NC	159	-2.3	-75.8486	36.4794	NC
16	1	-75.8615	36.5429	NC	88	-0.3	-75.8552	36.5104	NC	160	0.3	-75.847	36.4794	NC
17	0.9	-75.8614	36.5425	NC	89	-0.3	-75.8551	36.5099	NC	161	-2.3	-75.8484	36.4789	NC
18	0.8	-75.8613	36.542	NC	90	-0.1	-75.855	36.5095	NC	162	-2.1	-75.8483	36.4785	NC
19	0.7	-75.8612	36.5415	NC	91	0.2	-75.8549	36.509	NC	163	-2	-75.8482	36.478	NC
20	0.6	-75.8611	36.5411	NC	92	0.1	-75.8548	36.5086	NC	164	-2.1	-75.848	36.4776	NC
21	0.5	-75.861	36.5406	NC	93	0.1	-75.8547	36.5081	NC	165	-2.2	-75.8479	36.4771	NC
22	0.5	-75.8609	36.5402	NC	94	0.2	-75.8546	36.5077	NC	166	-2.2	-75.8478	36.4767	NC
23	0.4	-75.8608	36.5397	NC	95	0.2	-75.8545	36.5072	NC	167	-2.1	-75.8476	36.4762	NC
24	0.4	-75.8608	36.5392	NC	96	0.1	-75.8544	36.5067	NC	168	-2.2	-75.8475	36.4758	NC
25	0.5	-75.8607	36.5388	NC	97	-0.1	-75.8543	36.5063	NC	169	-2	-75.8474	36.4753	NC
26	0.4	-75.8606	36.5383	NC	98	0	-75.8542	36.5058	NC	170	-2.2	-75.8472	36.4749	NC
27	0.3	-75.8605	36.5378	NC	99	0	-75.8541	36.5054	NC	171	-2.2	-75.8471	36.4744	NC
28	0.3	-75.8604	36.5374	NC	100	0	-75.8538	36.5052	NC	172	-2.1	-75.847	36.474	NC
29	0.3	-75.8603	36.5369	NC	101	-0.1	-75.854	36.5049	NC	173	-2.1	-75.8468	36.4735	NC
30	0.3	-75.8602	36.5365	NC	102	0	-75.8537	36.5047	NC	174	-2.2	-75.8467	36.4731	NC
31	0.3	-75.8601	36.536	NC	103	-0.2	-75.8539	36.5044	NC	175	-2.2	-75.8466	36.4726	NC
32	0.3	-75.86	36.5355	NC	104	-0.1	-75.8536	36.5043	NC	176	-1.9	-75.8465	36.4722	NC
33	0.3	-75.8599	36.5351	NC	105	-0.2	-75.8535	36.5038	NC	177	-1.8	-75.8463	36.4717	NC
34	0.3	-75.8599	36.5346	NC	106	-0.2	-75.8534	36.5034	NC	178	-1.8	-75.8462	36.4713	NC
35	0.3	-75.8598	36.5341	NC	107	-0.1	-75.8532	36.5029	NC	179	-1.8	-75.8461	36.4708	NC
36	0.4	-75.8597	36.5337	NC	108	-0.1	-75.8531	36.5025	NC	180	-1.7	-75.8459	36.4704	NC
37	-0.8	-75.8603	36.5333	NC	109	0	-75.853	36.502	NC	181	-1.6	-75.8458	36.4699	NC
38	0.4	-75.8596	36.5332	NC	110	0	-75.8529	36.5016	NC	182	-1.6	-75.8457	36.4695	NC
39	-0.9	-75.8602	36.5328	NC	111	0.1	-75.8528	36.5011	NC	183	-1.5	-75.8455	36.469	NC
40	-1	-75.8601	36.5324	NC	112	0	-75.8526	36.5007	NC	184	-1.5	-75.8454	36.4686	NC
41	-0.9	-75.86	36.5319	NC	113	-0.1	-75.8525	36.5002	NC	185	-1.5	-75.8453	36.4681	NC
42	-1.1	-75.8599	36.5315	NC	114	-0.2	-75.8524	36.4998	NC	186	-1.7	-75.8451	36.4677	NC
43	-1	-75.8598	36.531	NC	115	-0.3	-75.8523	36.4993	NC	187	-1.7	-75.845	36.4672	NC
44	-0.9	-75.8597	36.5305	NC	116	-0.2	-75.8522	36.4989	NC	188	-1.7	-75.8449	36.4668	NC
45	-0.8	-75.8596	36.5301	NC	117	-0.1	-75.852	36.4984	NC	189	-1.6	-75.8448	36.4663	NC
46	-0.7	-75.8595	36.5296	NC	118	-0.2	-75.8519	36.4979	NC	190	-1.8	-75.8446	36.4659	NC
47	-0.7	-75.8594	36.5292	NC	119	-0.2	-75.8518	36.4975	NC	191	-2	-75.8445	36.4654	NC
48	-0.5	-75.8593	36.5287	NC	120	-0.2	-75.8517	36.497	NC	192	-1.9	-75.8444	36.465	NC
49	-0.4	-75.8592	36.5282	NC	121	-0.2	-75.8516	36.4966	NC	193	-1.9	-75.8442	36.4645	NC
50	-0.4	-75.8591	36.5278	NC	122	-0.2	-75.8514	36.4961	NC	194	-2	-75.8441	36.4641	NC
51	-0.4	-75.859	36.5273	NC	123	-0.1	-75.8513	36.4957	NC	195	-1.9	-75.844	36.4636	NC
52	-0.3	-75.8589	36.5269	NC	124	0	-75.8512	36.4952	NC	196	-2.1	-75.8438	36.4632	NC
53	0	-75.8588	36.5264	NC	125	0.2	-75.8511	36.4948	NC	197	-2.2	-75.8437	36.4627	NC
54	0.1	-75.8587	36.526	NC	126	0.2	-75.851	36.4943	NC	198	-2.2	-75.8436	36.4623	NC
55	0.2	-75.8586	36.5255	NC	127	0.3	-75.8508	36.4939	NC	199	-2.3	-75.8434	36.4618	NC
56	0.3	-75.8585	36.525	NC	128	0.1	-75.8507	36.4934	NC	200	-2.4	-75.8433	36.4614	NC
57	0.5	-75.8584	36.5246	NC	129	0.1	-75.8506	36.493	NC	201	-2.4	-75.8432	36.4609	NC
58	0.5	-75.8583	36.5241	NC	130	0.1	-75.8505	36.4925	NC	202	-2.4	-75.8431	36.4605	NC
59	0.4	-75.8582	36.5237	NC	131	0	-75.8504	36.4921	NC	203	-2.2	-75.8429	36.46	NC
60	0.4	-75.8581	36.5232	NC	132	0	-75.8503	36.4916	NC	204	-2.3	-75.8428	36.4596	NC
61	0.3	-75.858	36.5228	NC	133	0.1	-75.8501	36.4912	NC	205	-2.2	-75.8427	36.4591	NC
62	0.5	-75.8579	36.5223	NC	134	0.2	-75.85	36.4907	NC	206	-2.1	-75.8425	36.4587	NC
63	0.6	-75.8578	36.5218	NC	135	0.5	-75.8499	36.4903	NC	207	-2	-75.8424	36.4582	NC
64	0.6	-75.8577	36.5214	NC	136	0.6	-75.8498	36.4898	NC	208	-2	-75.8423	36.4578	NC
65	0.7	-75.8576	36.5209	NC	137	0.6	-75.8497	36.4894	NC	209	-2	-75.8421	36.4573	NC
66	0.5	-75.8575	36.5205	NC	138	0.4	-75.8495	36.4889	NC	210	-2.1	-75.842	36.4569	NC
67	0.2	-75.8574	36.52	NC	139	0.3	-75.8494	36.4885	NC	211	-2	-75.8419	36.4564	NC
68	0.3	-75.8573	36.5196	NC	140	0.4	-75.8493	36.488	NC	212	-2.1	-75.8417	36.456	NC
69	0.3	-75.8572	36.5191	NC	141	0.6	-75.8492	36.4876	NC	213	-2.1	-75.8416	36.4555	NC
70	0.3	-75.8571	36.5186	NC	142	0.6	-75.8491	36.4871	NC	214	-2	-75.8415	36.4551	NC
71	0	-75.857	36.5182	NC	143	0.5	-75.8489	36.4866	NC	215	-2.1	-75.8413	36.4546	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
216	-2.2	-75.8412	36.4542	NC	288	-3.5	-75.8308	36.4231	NC	360	-2.6	-75.8238	36.391	NC
217	-2.3	-75.8411	36.4537	NC	289	-3.3	-75.8307	36.4226	NC	361	-1	-75.8226	36.3909	NC
218	-2.2	-75.841	36.4533	NC	290	-0.1	-75.8306	36.4222	NC	362	-2.6	-75.8237	36.3905	NC
219	-2	-75.8408	36.4528	NC	291	-3.3	-75.8305	36.4217	NC	363	-1	-75.8224	36.3904	NC
220	-2.1	-75.8407	36.4524	NC	292	-3.4	-75.8303	36.4213	NC	364	-1.1	-75.8223	36.39	NC
221	-2.2	-75.839	36.452	NC	293	0.2	-75.8312	36.4208	NC	365	-1.1	-75.8222	36.3895	NC
222	-2.2	-75.8406	36.4519	NC	294	-3.5	-75.8302	36.4208	NC	366	-1.1	-75.8221	36.3891	NC
223	-2.3	-75.8389	36.4515	NC	295	0.2	-75.8311	36.4203	NC	367	-1	-75.822	36.3886	NC
224	-2.2	-75.8404	36.4515	NC	296	0.1	-75.831	36.4199	NC	368	-1	-75.8219	36.3882	NC
225	-2.3	-75.8388	36.4511	NC	297	0	-75.8308	36.4194	NC	369	-1	-75.8217	36.3877	NC
226	-2.1	-75.8403	36.451	NC	298	-0.2	-75.8307	36.419	NC	370	-1	-75.8216	36.3873	NC
227	-2.3	-75.8387	36.4506	NC	299	-0.3	-75.8306	36.4185	NC	371	-1	-75.8215	36.3868	NC
228	-2.3	-75.8385	36.4502	NC	300	-0.4	-75.8305	36.4181	NC	372	-1.2	-75.8214	36.3864	NC
229	-2.3	-75.8384	36.4497	NC	301	-0.4	-75.8304	36.4176	NC	373	-1.3	-75.8213	36.3859	NC
230	-2.3	-75.8383	36.4493	NC	302	-0.4	-75.8303	36.4172	NC	374	-1.4	-75.8211	36.3855	NC
231	-2.3	-75.8381	36.4488	NC	303	-0.2	-75.8302	36.4167	NC	375	-1.3	-75.821	36.385	NC
232	-2.1	-75.838	36.4484	NC	304	-0.2	-75.8301	36.4163	NC	376	-1.4	-75.8209	36.3845	NC
233	-1.7	-75.8379	36.4479	NC	305	-0.1	-75.83	36.4158	NC	377	-1.5	-75.8208	36.3841	NC
234	-1.7	-75.8378	36.4475	NC	306	-0.1	-75.8298	36.4154	NC	378	-1.6	-75.8207	36.3836	NC
235	-1.8	-75.8376	36.447	NC	307	-0.1	-75.8297	36.4149	NC	379	-1.6	-75.8206	36.3832	NC
236	-1.8	-75.8375	36.4466	NC	308	-0.3	-75.8296	36.4145	NC	380	-1.6	-75.8204	36.3827	NC
237	-1.8	-75.8374	36.4461	NC	309	-0.4	-75.8295	36.414	NC	381	-1.6	-75.8203	36.3823	NC
238	-1.8	-75.8372	36.4457	NC	310	-0.4	-75.8294	36.4136	NC	382	-1.8	-75.8202	36.3818	NC
239	-1.9	-75.8371	36.4452	NC	311	-0.3	-75.8293	36.4131	NC	383	-1.8	-75.8201	36.3814	NC
240	-1.8	-75.837	36.4448	NC	312	-0.3	-75.8292	36.4127	NC	384	-1.9	-75.82	36.3809	NC
241	-1.9	-75.8369	36.4443	NC	313	-0.1	-75.8291	36.4122	NC	385	-1.9	-75.8198	36.3805	NC
242	-2	-75.8367	36.4439	NC	314	-0.1	-75.829	36.4118	NC	386	-2	-75.8197	36.38	NC
243	-2	-75.8366	36.4434	NC	315	-0.3	-75.8288	36.4113	NC	387	-2.1	-75.8196	36.3796	NC
244	-2.2	-75.8365	36.443	NC	316	-0.5	-75.8287	36.4108	NC	388	-2.1	-75.8195	36.3791	NC
245	-2.2	-75.8364	36.4425	NC	317	-0.5	-75.8286	36.4104	NC	389	-2.1	-75.8194	36.3786	NC
246	-2.3	-75.8362	36.442	NC	318	-0.4	-75.8285	36.4099	NC	390	-2.1	-75.8193	36.3782	NC
247	-2.4	-75.8361	36.4416	NC	319	-0.6	-75.8284	36.4095	NC	391	-2.1	-75.8191	36.3777	NC
248	-2.5	-75.836	36.4411	NC	320	-0.8	-75.8283	36.409	NC	392	-2.2	-75.819	36.3773	NC
249	-2.5	-75.8358	36.4407	NC	321	-0.8	-75.8282	36.4086	NC	393	-2.3	-75.8189	36.3768	NC
250	-2.4	-75.8357	36.4402	NC	322	-0.8	-75.8281	36.4081	NC	394	-2.3	-75.8188	36.3764	NC
251	-2.4	-75.8356	36.4398	NC	323	-0.8	-75.828	36.4077	NC	395	-2.3	-75.8187	36.3759	NC
252	-2.4	-75.8355	36.4393	NC	324	-0.9	-75.8278	36.4072	NC	396	-2.4	-75.8185	36.3755	NC
253	-2.4	-75.8353	36.4389	NC	325	-1.1	-75.8277	36.4068	NC	397	-2.5	-75.8184	36.375	NC
254	-2.4	-75.8352	36.4384	NC	326	-1.3	-75.8276	36.4063	NC	398	-2.3	-75.8183	36.3746	NC
255	-2.4	-75.8351	36.438	NC	327	-1.4	-75.8275	36.4059	NC	399	-2.1	-75.8182	36.3741	NC
256	-2.5	-75.8349	36.4375	NC	328	-1.4	-75.8274	36.4054	NC	400	-2.1	-75.8181	36.3737	NC
257	-2.4	-75.8348	36.4371	NC	329	-1.2	-75.8273	36.405	NC	401	-2	-75.8179	36.3732	NC
258	-2.5	-75.8347	36.4366	NC	330	-1.3	-75.8272	36.4045	NC	402	-2	-75.8178	36.3728	NC
259	-2.6	-75.8346	36.4362	NC	331	-1.5	-75.8271	36.4041	NC	403	-2	-75.8177	36.3723	NC
260	-2.6	-75.8344	36.4357	NC	332	-1.3	-75.8269	36.4036	NC	404	-2.2	-75.8176	36.3718	NC
261	-2.7	-75.8343	36.4353	NC	333	-1.3	-75.8268	36.4032	NC	405	-2.2	-75.8175	36.3714	NC
262	-3	-75.8342	36.4348	NC	334	-1.2	-75.8267	36.4027	NC	406	-2.3	-75.8174	36.3709	NC
263	-3.1	-75.834	36.4344	NC	335	-1.3	-75.8266	36.4023	NC	407	-2.4	-75.8172	36.3705	NC
264	-3.1	-75.8339	36.4339	NC	336	-1.6	-75.8265	36.4018	NC	408	-2.6	-75.8171	36.37	NC
265	-3.1	-75.8338	36.4335	NC	337	-1.6	-75.8264	36.4014	NC	409	-2.7	-75.817	36.3696	NC
266	-3.1	-75.8337	36.433	NC	338	-1.6	-75.8263	36.4009	NC	410	-2.8	-75.8169	36.3691	NC
267	-3.1	-75.8335	36.4326	NC	339	-1.7	-75.8262	36.4005	NC	411	-2.8	-75.8168	36.3687	NC
268	-3.2	-75.8334	36.4321	NC	340	-1.8	-75.8261	36.4	NC	412	-2.9	-75.8166	36.3682	NC
269	-3.3	-75.8333	36.4317	NC	341	-1.9	-75.8259	36.3995	NC	413	-3	-75.8165	36.3678	NC
270	-3.4	-75.8331	36.4312	NC	342	-2	-75.8258	36.3991	NC	414	-2.8	-75.8164	36.3673	NC
271	-3.4	-75.833	36.4307	NC	343	-2	-75.8257	36.3986	NC	415	-2.7	-75.8163	36.3669	NC
272	-3.6	-75.8329	36.4303	NC	344	-2	-75.8256	36.3982	NC	416	-2.6	-75.8162	36.3664	NC
273	-3.7	-75.8328	36.4298	NC	345	-1.9	-75.8255	36.3977	NC	417	-2.5	-75.8161	36.3659	NC
274	-3.7	-75.8326	36.4294	NC	346	-2	-75.8254	36.3973	NC	418	-2.4	-75.8159	36.3655	NC
275	-3.5	-75.8325	36.4289	NC	347	-2.1	-75.8253	36.3968	NC	419	-2.4	-75.8158	36.365	NC
276	-3.6	-75.8324	36.4285	NC	348	-2.2	-75.8252	36.3964	NC	420	-2.4	-75.8157	36.3646	NC
277	-3.7	-75.8323	36.428	NC	349	-2.3	-75.8251	36.3959	NC	421	-2.5	-75.8156	36.3641	NC
278	-3.6	-75.8321	36.4276	NC	350	-2.2	-75.8249	36.3955	NC	422	-2.5	-75.8155	36.3637	NC
279	-3.5	-75.832	36.4271	NC	351	-2.2	-75.8248	36.395	NC	423	-2.5	-75.8153	36.3632	NC
280	-3.5	-75.8319	36.4267	NC	352	-2.1	-75.8247	36.3946	NC	424	-2.6	-75.8152	36.3628	NC
281	-3.5	-75.8317	36.4262	NC	353	-2.3	-75.8246	36.3941	NC	425	-2.7	-75.8151	36.3623	NC
282	-3.3	-75.8316	36.4258	NC	354	-2.4	-75.8245	36.3937	NC	426	-2.7	-75.815	36.3619	NC
283	-3.1	-75.8315	36.4253	NC	355	-2.5	-75.8244	36.3932	NC	427	-2.7	-75.8149	36.3614	NC
284	-3.3	-75.8314	36.4249	NC	356	-2.6	-75.8243	36.3928	NC	428	-2.6	-75.8148	36.361	NC
285	-3.3	-75.8312	36.4244	NC	357	-2.7	-75.8242	36.3923	NC	429	0	-75.8132	36.3609	NC
286	-3.4	-75.8311	36.424	NC	358	-2.7	-75.8241	36.3919	NC	430	-2.5	-75.8146	36.3605	NC
287	-3.5	-75.831	36.4235	NC	359	-2.7	-75.8239	36.3914	NC	431	-0.1	-75.8131	36.3604	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
432	-2.5	-75.8145	36.3601	NC	504	-2	-75.8059	36.3299	NC	576	-0.2	-75.7945	36.299	NC
433	-0.1	-75.813	36.36	NC	505	-1.8	-75.804	36.3297	NC	577	-0.3	-75.7944	36.2985	NC
434	-2.5	-75.8144	36.3596	NC	506	-2.1	-75.8058	36.3295	NC	578	-0.3	-75.7942	36.2981	NC
435	-0.1	-75.8128	36.3595	NC	507	-2	-75.8056	36.329	NC	579	-0.4	-75.794	36.2976	NC
436	-0.1	-75.8127	36.3591	NC	508	-2	-75.8055	36.3286	NC	580	-0.4	-75.7939	36.2972	NC
437	-0.2	-75.8126	36.3586	NC	509	-1.8	-75.8053	36.3281	NC	581	-0.4	-75.7937	36.2968	NC
438	-0.2	-75.8124	36.3582	NC	510	-1.6	-75.8052	36.3277	NC	582	-0.2	-75.7935	36.2963	NC
439	-0.1	-75.8123	36.3577	NC	511	-1.7	-75.805	36.3272	NC	583	-0.3	-75.7934	36.2959	NC
440	-0.2	-75.8122	36.3573	NC	512	-1.7	-75.8049	36.3268	NC	584	-0.2	-75.7932	36.2954	NC
441	-0.1	-75.812	36.3568	NC	513	-1.7	-75.8047	36.3263	NC	585	-0.3	-75.793	36.295	NC
442	-0.2	-75.8119	36.3564	NC	514	-1.7	-75.8046	36.3259	NC	586	-0.2	-75.7929	36.2945	NC
443	-0.1	-75.8118	36.3559	NC	515	-1.8	-75.8044	36.3254	NC	587	-0.4	-75.7927	36.2941	NC
444	-0.2	-75.8116	36.3555	NC	516	-1.8	-75.8043	36.325	NC	588	-0.4	-75.7925	36.2936	NC
445	-0.4	-75.8115	36.355	NC	517	-1.7	-75.8041	36.3245	NC	589	-0.5	-75.7924	36.2932	NC
446	-0.4	-75.8114	36.3546	NC	518	-1.6	-75.804	36.3241	NC	590	-0.5	-75.7922	36.2928	NC
447	-0.5	-75.8112	36.3541	NC	519	-1.7	-75.8038	36.3236	NC	591	-0.6	-75.792	36.2923	NC
448	-0.6	-75.8111	36.3537	NC	520	-1.7	-75.8037	36.3232	NC	592	-0.5	-75.7919	36.2919	NC
449	-0.5	-75.811	36.3532	NC	521	-1.7	-75.8035	36.3227	NC	593	-0.5	-75.7917	36.2914	NC
450	-0.6	-75.8108	36.3528	NC	522	-1.8	-75.8034	36.3223	NC	594	-0.6	-75.7915	36.291	NC
451	-0.5	-75.8107	36.3523	NC	523	-1.7	-75.8032	36.3218	NC	595	-0.8	-75.7914	36.2905	NC
452	-0.5	-75.8106	36.3519	NC	524	-1.9	-75.8031	36.3214	NC	596	-0.8	-75.7912	36.2901	NC
453	-0.5	-75.8104	36.3514	NC	525	-1.7	-75.8029	36.321	NC	597	-0.8	-75.791	36.2896	NC
454	-0.5	-75.8103	36.3509	NC	526	-1.6	-75.8028	36.3205	NC	598	-0.8	-75.7909	36.2892	NC
455	-0.3	-75.8102	36.3505	NC	527	-1.5	-75.8026	36.3201	NC	599	-0.8	-75.7907	36.2887	NC
456	-0.4	-75.81	36.35	NC	528	-1.4	-75.8025	36.3196	NC	600	-0.7	-75.7905	36.2883	NC
457	-0.4	-75.8099	36.3496	NC	529	-1.2	-75.8023	36.3192	NC	601	-0.8	-75.7904	36.2879	NC
458	-0.4	-75.8098	36.3491	NC	530	-1.2	-75.8022	36.3187	NC	602	-0.7	-75.7902	36.2874	NC
459	-0.3	-75.8096	36.3487	NC	531	-1.2	-75.802	36.3183	NC	603	-0.8	-75.79	36.287	NC
460	-0.5	-75.8095	36.3482	NC	532	-1.1	-75.8019	36.3178	NC	604	-0.9	-75.7899	36.2865	NC
461	-0.5	-75.8094	36.3478	NC	533	-1.2	-75.8017	36.3174	NC	605	-0.8	-75.7897	36.2861	NC
462	-0.4	-75.8092	36.3473	NC	534	-1.2	-75.8016	36.3169	NC	606	-0.8	-75.7896	36.2856	NC
463	-0.4	-75.8091	36.3469	NC	535	-1.1	-75.8014	36.3165	NC	607	-0.9	-75.7894	36.2852	NC
464	-0.5	-75.809	36.3464	NC	536	-1	-75.8013	36.316	NC	608	-0.8	-75.7892	36.2847	NC
465	-0.6	-75.8088	36.346	NC	537	-1	-75.8011	36.3156	NC	609	-0.8	-75.7891	36.2843	NC
466	-0.6	-75.8087	36.3455	NC	538	-1	-75.801	36.3151	NC	610	-0.8	-75.7889	36.2839	NC
467	-0.7	-75.8085	36.3451	NC	539	-0.8	-75.8008	36.3147	NC	611	-0.6	-75.7887	36.2834	NC
468	-0.8	-75.8084	36.3446	NC	540	-0.7	-75.8007	36.3142	NC	612	-0.5	-75.7886	36.283	NC
469	-0.9	-75.8083	36.3442	NC	541	-0.7	-75.8005	36.3138	NC	613	-0.6	-75.7884	36.2825	NC
470	-0.9	-75.8081	36.3437	NC	542	-0.7	-75.8004	36.3133	NC	614	-0.7	-75.7882	36.2821	NC
471	-0.9	-75.808	36.3433	NC	543	-0.7	-75.8002	36.3129	NC	615	-0.5	-75.7881	36.2816	NC
472	-0.8	-75.8079	36.3428	NC	544	-0.6	-75.8001	36.3124	NC	616	-0.5	-75.7879	36.2812	NC
473	-0.8	-75.8077	36.3424	NC	545	-0.6	-75.7999	36.312	NC	617	-0.6	-75.7877	36.2807	NC
474	-0.7	-75.8076	36.3419	NC	546	-0.5	-75.7998	36.3115	NC	618	-0.6	-75.7876	36.2803	NC
475	-0.7	-75.8075	36.3415	NC	547	-0.6	-75.7996	36.3111	NC	619	-0.5	-75.7874	36.2798	NC
476	-0.8	-75.8073	36.341	NC	548	-0.6	-75.7995	36.3106	NC	620	-0.5	-75.7872	36.2794	NC
477	-1	-75.8072	36.3406	NC	549	-0.6	-75.7993	36.3102	NC	621	-0.5	-75.7871	36.279	NC
478	-0.9	-75.8071	36.3401	NC	550	-0.7	-75.7992	36.3098	NC	622	-0.5	-75.7869	36.2785	NC
479	-1	-75.8069	36.3396	NC	551	-0.8	-75.799	36.3093	NC	623	-0.5	-75.7867	36.2781	NC
480	-1.2	-75.8068	36.3392	NC	552	-0.8	-75.7989	36.3089	NC	624	-0.5	-75.7866	36.2776	NC
481	-1.3	-75.8067	36.3387	NC	553	-0.9	-75.7987	36.3084	NC	625	-0.4	-75.7864	36.2772	NC
482	-1.4	-75.8065	36.3383	NC	554	-0.9	-75.7986	36.308	NC	626	-0.5	-75.7862	36.2767	NC
483	-1.6	-75.8064	36.3378	NC	555	-0.9	-75.7984	36.3075	NC	627	-0.5	-75.7861	36.2763	NC
484	-1.6	-75.8063	36.3374	NC	556	-0.9	-75.7983	36.3071	NC	628	-0.5	-75.7859	36.2758	NC
485	-1.6	-75.8061	36.3369	NC	557	-0.9	-75.7981	36.3066	NC	629	-0.5	-75.7857	36.2754	NC
486	-1.6	-75.806	36.3365	NC	558	-1	-75.798	36.3062	NC	630	-0.5	-75.7856	36.275	NC
487	-1.7	-75.8059	36.336	NC	559	-1	-75.7978	36.3057	NC	631	-0.5	-75.7854	36.2745	NC
488	-1.8	-75.8057	36.3356	NC	560	-1	-75.7977	36.3053	NC	632	-0.5	-75.7852	36.2741	NC
489	-1.8	-75.8056	36.3351	NC	561	-0.9	-75.7975	36.3048	NC	633	-0.5	-75.7851	36.2736	NC
490	-1.8	-75.8055	36.3347	NC	562	-0.8	-75.7974	36.3044	NC	634	-0.5	-75.7849	36.2732	NC
491	-1.9	-75.8053	36.3342	NC	563	-0.7	-75.7972	36.3039	NC	635	-0.5	-75.7847	36.2727	NC
492	-2	-75.8052	36.3338	NC	564	-0.7	-75.7971	36.3035	NC	636	-0.4	-75.7846	36.2723	NC
493	-2.1	-75.8051	36.3333	NC	565	-0.6	-75.7969	36.303	NC	637	-0.5	-75.7844	36.2718	NC
494	-2.1	-75.8049	36.3329	NC	566	-0.5	-75.7968	36.3026	NC	638	-0.6	-75.7842	36.2714	NC
495	-2	-75.8048	36.3324	NC	567	-0.6	-75.7966	36.3021	NC	639	-0.7	-75.7841	36.2709	NC
496	-2	-75.8047	36.332	NC	568	-0.5	-75.7965	36.3017	NC	640	0.4	-75.7856	36.2708	NC
497	-1.9	-75.8045	36.3315	NC	569	-0.3	-75.7954	36.3012	NC	641	-0.6	-75.7839	36.2705	NC
498	-1.9	-75.8064	36.3313	NC	570	-0.6	-75.7963	36.3012	NC	642	0.3	-75.7855	36.2704	NC
499	-1.9	-75.8044	36.3311	NC	571	-0.3	-75.7952	36.3008	NC	643	0.2	-75.7853	36.2699	NC
500	-2	-75.8062	36.3308	NC	572	-0.6	-75.7962	36.3008	NC	644	0.2	-75.7851	36.2695	NC
501	-1.8	-75.8043	36.3306	NC	573	-0.2	-75.795	36.3003	NC	645	0.4	-75.7849	36.2691	NC
502	-2	-75.8061	36.3304	NC	574	0	-75.7949	36.2999	NC	646	0.5	-75.7847	36.2686	NC
503	-1.8	-75.8041	36.3302	NC	575	-0.1	-75.7947	36.2994	NC	647	0.5	-75.7846	36.2682	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
648	0.7	-75.7844	36.2678	NC	720	-0.2	-75.7708	36.2369	NC	792	0	-75.7557	36.2072	NC
649	0.8	-75.7842	36.2673	NC	721	-0.3	-75.7706	36.2364	NC	793	0.1	-75.7555	36.2067	NC
650	0.7	-75.784	36.2669	NC	722	-0.3	-75.7704	36.236	NC	794	0.1	-75.7553	36.2063	NC
651	0.7	-75.7838	36.2664	NC	723	-0.3	-75.7702	36.2356	NC	795	0	-75.7552	36.2058	NC
652	0.7	-75.7837	36.266	NC	724	-0.3	-75.77	36.2351	NC	796	0.2	-75.755	36.2054	NC
653	0.7	-75.7835	36.2656	NC	725	-0.2	-75.7698	36.2347	NC	797	0.1	-75.7548	36.205	NC
654	0.7	-75.7833	36.2651	NC	726	-0.1	-75.7696	36.2343	NC	798	0	-75.7546	36.2045	NC
655	0.6	-75.7831	36.2647	NC	727	-0.1	-75.7694	36.2339	NC	799	0	-75.7544	36.2041	NC
656	0.6	-75.7829	36.2643	NC	728	-0.1	-75.7692	36.2334	NC	800	0.1	-75.7542	36.2037	NC
657	0.5	-75.7828	36.2638	NC	729	-0.1	-75.769	36.233	NC	801	-0.1	-75.754	36.2032	NC
658	0.5	-75.7826	36.2634	NC	730	-0.1	-75.7688	36.2326	NC	802	0.1	-75.7538	36.2028	NC
659	0.3	-75.7824	36.2629	NC	731	-0.1	-75.7686	36.2321	NC	803	0.1	-75.7536	36.2023	NC
660	0.2	-75.7822	36.2625	NC	732	0	-75.7684	36.2317	NC	804	0.1	-75.7534	36.2019	NC
661	0.2	-75.782	36.2621	NC	733	0	-75.7682	36.2313	NC	805	0	-75.7532	36.2015	NC
662	0.1	-75.7819	36.2616	NC	734	0.1	-75.7679	36.2308	NC	806	0.2	-75.753	36.201	NC
663	0.1	-75.7817	36.2612	NC	735	0.1	-75.7677	36.2304	NC	807	0.2	-75.7528	36.2006	NC
664	0.3	-75.7815	36.2607	NC	736	0.3	-75.7675	36.23	NC	808	0.2	-75.7526	36.2002	NC
665	0.1	-75.7813	36.2603	NC	737	0.3	-75.7673	36.2295	NC	809	0.2	-75.7524	36.1997	NC
666	0	-75.7811	36.2599	NC	738	0.3	-75.7671	36.2291	NC	810	0.1	-75.7522	36.1993	NC
667	0	-75.781	36.2594	NC	739	0.3	-75.7669	36.2287	NC	811	0.1	-75.752	36.1989	NC
668	0	-75.7808	36.259	NC	740	0.4	-75.7667	36.2282	NC	812	0.1	-75.7518	36.1984	NC
669	-0.2	-75.7806	36.2586	NC	741	0.5	-75.7665	36.2278	NC	813	0.2	-75.7516	36.198	NC
670	-0.2	-75.7804	36.2581	NC	742	0.6	-75.7663	36.2274	NC	814	0.2	-75.7514	36.1975	NC
671	-0.2	-75.7802	36.2577	NC	743	0.5	-75.7661	36.2269	NC	815	0.3	-75.7512	36.1971	NC
672	-0.1	-75.7801	36.2572	NC	744	0.3	-75.7659	36.2265	NC	816	0.4	-75.751	36.1967	NC
673	-0.1	-75.7799	36.2568	NC	745	0.3	-75.7657	36.2261	NC	817	0.4	-75.7508	36.1962	NC
674	0	-75.7797	36.2564	NC	746	0.2	-75.7655	36.2256	NC	818	0.5	-75.7506	36.1958	NC
675	-0.1	-75.7795	36.2559	NC	747	0.2	-75.7653	36.2252	NC	819	0.4	-75.7504	36.1954	NC
676	-0.1	-75.7793	36.2555	NC	748	0.2	-75.7651	36.2248	NC	820	0.3	-75.7502	36.1949	NC
677	0	-75.7791	36.2551	NC	749	0.2	-75.7649	36.2243	NC	821	0.4	-75.75	36.1945	NC
678	0	-75.779	36.2546	NC	750	0.1	-75.7647	36.2239	NC	822	0.6	-75.7498	36.1941	NC
679	-1.1	-75.7788	36.2542	NC	751	0	-75.7645	36.2235	NC	823	0.6	-75.7496	36.1936	NC
680	0	-75.7786	36.2537	NC	752	-0.1	-75.7642	36.223	NC	824	0.4	-75.7494	36.1932	NC
681	-0.1	-75.7784	36.2533	NC	753	-0.2	-75.764	36.2226	NC	825	0.5	-75.7492	36.1927	NC
682	-0.2	-75.7782	36.2529	NC	754	-0.3	-75.7638	36.2222	NC	826	0.7	-75.749	36.1923	NC
683	-0.2	-75.7781	36.2524	NC	755	-0.3	-75.7636	36.2217	NC	827	0.8	-75.7488	36.1919	NC
684	-0.2	-75.7779	36.252	NC	756	-0.3	-75.7634	36.2213	NC	828	0.8	-75.7486	36.1914	NC
685	-0.1	-75.7777	36.2516	NC	757	-0.3	-75.7632	36.2209	NC	829	0.7	-75.7484	36.191	NC
686	0	-75.7775	36.2511	NC	758	-0.3	-75.763	36.2204	NC	830	0.7	-75.7482	36.1906	NC
687	0	-75.7773	36.2507	NC	759	-0.4	-75.7628	36.22	NC	831	0.7	-75.7481	36.1901	NC
688	0	-75.7772	36.2502	NC	760	-0.3	-75.7626	36.2196	NC	832	0.7	-75.7479	36.1897	NC
689	0	-75.777	36.2498	NC	761	-0.3	-75.7624	36.2192	NC	833	0.6	-75.7477	36.1892	NC
690	0.1	-75.7768	36.2494	NC	762	-0.2	-75.7622	36.2187	NC	834	0.6	-75.7475	36.1888	NC
691	0.1	-75.7766	36.2489	NC	763	-0.2	-75.762	36.2183	NC	835	0.5	-75.7473	36.1884	NC
692	0.2	-75.7764	36.2485	NC	764	-0.2	-75.7618	36.2179	NC	836	0.4	-75.7471	36.1879	NC
693	0.3	-75.7763	36.248	NC	765	-0.1	-75.7616	36.2174	NC	837	0.2	-75.7469	36.1875	NC
694	0.3	-75.7761	36.2476	NC	766	0	-75.7614	36.217	NC	838	0.2	-75.7467	36.1871	NC
695	0.4	-75.7759	36.2472	NC	767	-0.1	-75.7612	36.2166	NC	839	0.1	-75.7465	36.1866	NC
696	0.5	-75.7757	36.2467	NC	768	-0.2	-75.761	36.2161	NC	840	0.2	-75.7463	36.1862	NC
697	0.5	-75.7755	36.2463	NC	769	-0.3	-75.7608	36.2157	NC	841	0.1	-75.7461	36.1858	NC
698	0.5	-75.7754	36.2459	NC	770	-0.3	-75.7605	36.2153	NC	842	-0.1	-75.7459	36.1853	NC
699	0.4	-75.7752	36.2454	NC	771	-0.2	-75.7603	36.2148	NC	843	-0.2	-75.7457	36.1849	NC
700	0.5	-75.775	36.245	NC	772	-0.1	-75.7601	36.2144	NC	844	-0.1	-75.7455	36.1844	NC
701	0.5	-75.7748	36.2445	NC	773	-0.1	-75.7599	36.214	NC	845	0.2	-75.7465	36.1841	NC
702	0.4	-75.7746	36.2441	NC	774	0	-75.7597	36.2135	NC	846	0	-75.7453	36.184	NC
703	0.4	-75.7745	36.2437	NC	775	-0.1	-75.7595	36.2131	NC	847	0.5	-75.7463	36.1837	NC
704	0.4	-75.7743	36.2432	NC	776	0.1	-75.7583	36.2128	NC	848	0.4	-75.7451	36.1836	NC
705	0.4	-75.7741	36.2428	NC	777	-0.2	-75.7593	36.2127	NC	849	0.3	-75.7461	36.1833	NC
706	0.4	-75.7739	36.2424	NC	778	0.1	-75.7581	36.2124	NC	850	0.2	-75.7459	36.1828	NC
707	0.5	-75.7737	36.2419	NC	779	-0.2	-75.7591	36.2122	NC	851	0.3	-75.7457	36.1824	NC
708	-0.1	-75.7731	36.2416	NC	780	0.4	-75.7579	36.212	NC	852	0.5	-75.7455	36.182	NC
709	0.6	-75.7736	36.2415	NC	781	-0.2	-75.7589	36.2118	NC	853	0.5	-75.7453	36.1815	NC
710	-0.2	-75.7729	36.2412	NC	782	0.4	-75.7577	36.2115	NC	854	0.4	-75.7451	36.1811	NC
711	-0.2	-75.7727	36.2408	NC	783	0.4	-75.7575	36.2111	NC	855	0.1	-75.7449	36.1806	NC
712	-0.3	-75.7725	36.2403	NC	784	0.4	-75.7573	36.2106	NC	856	0	-75.7447	36.1802	NC
713	-0.3	-75.7723	36.2399	NC	785	0.2	-75.7571	36.2102	NC	857	0	-75.7445	36.1798	NC
714	-0.5	-75.7721	36.2395	NC	786	0.1	-75.7569	36.2098	NC	858	0.1	-75.7443	36.1793	NC
715	-0.4	-75.7719	36.239	NC	787	-0.1	-75.7567	36.2093	NC	859	0.3	-75.7441	36.1789	NC
716	-0.4	-75.7716	36.2386	NC	788	-0.2	-75.7565	36.2089	NC	860	0.4	-75.7439	36.1785	NC
717	-0.3	-75.7714	36.2382	NC	789	-0.1	-75.7563	36.2085	NC	861	0.3	-75.7437	36.178	NC
718	-0.2	-75.7712	36.2377	NC	790	0	-75.7561	36.208	NC	862	0.2	-75.7435	36.1776	NC
719	-0.2	-75.771	36.2373	NC	791	0	-75.7559	36.2076	NC	863	0.2	-75.7434	36.1772	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
864	0.1	-75.7432	36.1767	NC	936	0.3	-75.73	36.1453	NC	1008	0.1	-75.7136	36.1157	NC
865	0.2	-75.743	36.1763	NC	937	0.2	-75.7298	36.1449	NC	1009	0.1	-75.7133	36.1153	NC
866	0.2	-75.7428	36.1759	NC	938	0.2	-75.7296	36.1444	NC	1010	0.1	-75.7131	36.1149	NC
867	0.2	-75.7426	36.1754	NC	939	0.2	-75.7293	36.144	NC	1011	0.2	-75.7128	36.1145	NC
868	0.2	-75.7424	36.175	NC	940	0.2	-75.7291	36.1436	NC	1012	0.2	-75.7126	36.114	NC
869	0.3	-75.7422	36.1746	NC	941	0.2	-75.7289	36.1432	NC	1013	0.2	-75.7123	36.1136	NC
870	0.3	-75.742	36.1741	NC	942	0.2	-75.7287	36.1427	NC	1014	0.3	-75.7121	36.1132	NC
871	0.2	-75.7418	36.1737	NC	943	0.3	-75.7285	36.1423	NC	1015	0.2	-75.7119	36.1128	NC
872	0.2	-75.7416	36.1732	NC	944	0.4	-75.7282	36.1419	NC	1016	0.2	-75.7116	36.1124	NC
873	0.1	-75.7414	36.1728	NC	945	0.4	-75.728	36.1414	NC	1017	0.2	-75.7114	36.1119	NC
874	0	-75.7412	36.1724	NC	946	0.4	-75.7278	36.141	NC	1018	0.2	-75.7111	36.1115	NC
875	0.1	-75.741	36.1719	NC	947	0.4	-75.7276	36.1406	NC	1019	0.2	-75.7109	36.1111	NC
876	0	-75.7408	36.1715	NC	948	0.3	-75.7274	36.1402	NC	1020	0.2	-75.7107	36.1107	NC
877	0.1	-75.7406	36.1711	NC	949	0.3	-75.7272	36.1397	NC	1021	0	-75.7104	36.1103	NC
878	0.2	-75.7404	36.1706	NC	950	0.5	-75.7269	36.1393	NC	1022	-0.1	-75.7102	36.1098	NC
879	0.1	-75.7402	36.1702	NC	951	0.2	-75.7267	36.1389	NC	1023	0.1	-75.7099	36.1094	NC
880	0.1	-75.74	36.1698	NC	952	0.2	-75.7265	36.1384	NC	1024	-0.1	-75.7097	36.109	NC
881	0.1	-75.7398	36.1693	NC	953	0.4	-75.7263	36.138	NC	1025	-0.2	-75.7094	36.1086	NC
882	0.2	-75.7396	36.1689	NC	954	0.5	-75.7261	36.1376	NC	1026	-0.2	-75.7092	36.1082	NC
883	0.2	-75.7394	36.1685	NC	955	0.4	-75.7258	36.1372	NC	1027	-0.1	-75.709	36.1078	NC
884	0.1	-75.7392	36.168	NC	956	0.2	-75.7256	36.1367	NC	1028	-0.1	-75.7087	36.1073	NC
885	0	-75.739	36.1676	NC	957	0.2	-75.7254	36.1363	NC	1029	0	-75.7085	36.1069	NC
886	0	-75.7388	36.1672	NC	958	0.1	-75.7252	36.1359	NC	1030	0.1	-75.7082	36.1065	NC
887	0.1	-75.7386	36.1667	NC	959	0	-75.725	36.1354	NC	1031	0.1	-75.708	36.1061	NC
888	0.2	-75.7384	36.1663	NC	960	0	-75.7247	36.135	NC	1032	0	-75.7077	36.1057	NC
889	0.1	-75.7382	36.1659	NC	961	0.2	-75.7245	36.1346	NC	1033	0	-75.7075	36.1052	NC
890	0	-75.738	36.1654	NC	962	0.3	-75.7243	36.1342	NC	1034	0.1	-75.7073	36.1048	NC
891	0.1	-75.7378	36.165	NC	963	0.2	-75.7241	36.1337	NC	1035	0.2	-75.707	36.1044	NC
892	0.2	-75.7376	36.1645	NC	964	0.1	-75.7239	36.1333	NC	1036	0.2	-75.7068	36.104	NC
893	0.3	-75.7374	36.1641	NC	965	1.2	-75.7236	36.1329	NC	1037	0	-75.7065	36.1036	NC
894	0.3	-75.7372	36.1637	NC	966	0.2	-75.7234	36.1325	NC	1038	0	-75.7063	36.1032	NC
895	0.3	-75.737	36.1632	NC	967	0.1	-75.7232	36.132	NC	1039	0.1	-75.706	36.1027	NC
896	0.2	-75.7368	36.1628	NC	968	0.1	-75.723	36.1316	NC	1040	0.3	-75.7058	36.1023	NC
897	0.1	-75.7366	36.1624	NC	969	0.1	-75.7228	36.1312	NC	1041	0.2	-75.7056	36.1019	NC
898	0.1	-75.7364	36.1619	NC	970	-0.1	-75.7225	36.1307	NC	1042	0.2	-75.7053	36.1015	NC
899	0.2	-75.7363	36.1615	NC	971	-0.1	-75.7223	36.1303	NC	1043	0.1	-75.7051	36.1011	NC
900	0.3	-75.7361	36.1611	NC	972	-0.1	-75.7221	36.1299	NC	1044	0	-75.7048	36.1006	NC
901	0.2	-75.7359	36.1606	NC	973	-0.1	-75.7219	36.1295	NC	1045	0	-75.7046	36.1002	NC
902	0.2	-75.7357	36.1602	NC	974	-0.1	-75.7217	36.129	NC	1046	0	-75.7044	36.0998	NC
903	0.2	-75.7355	36.1598	NC	975	-0.1	-75.7214	36.1286	NC	1047	0	-75.7041	36.0994	NC
904	0.1	-75.7353	36.1593	NC	976	-0.1	-75.7212	36.1282	NC	1048	0	-75.7039	36.099	NC
905	0.1	-75.7351	36.1589	NC	977	-0.1	-75.721	36.1277	NC	1049	0	-75.7036	36.0986	NC
906	0.1	-75.7349	36.1585	NC	978	-0.1	-75.7208	36.1273	NC	1050	0	-75.7034	36.0981	NC
907	0	-75.7347	36.158	NC	979	-0.2	-75.7206	36.1269	NC	1051	0	-75.7031	36.0977	NC
908	0.1	-75.7345	36.1576	NC	980	-0.4	-75.7203	36.1265	NC	1052	0	-75.7029	36.0973	NC
909	0.1	-75.7343	36.1571	NC	981	-0.5	-75.7196	36.1262	NC	1053	-0.1	-75.7038	36.0971	NC
910	0.2	-75.7341	36.1567	NC	982	-0.3	-75.7201	36.126	NC	1054	-0.1	-75.7035	36.0967	NC
911	0.1	-75.7339	36.1563	NC	983	-0.5	-75.7194	36.1257	NC	1055	-0.1	-75.7032	36.0963	NC
912	0.1	-75.7337	36.1558	NC	984	-0.2	-75.7199	36.1256	NC	1056	-0.2	-75.703	36.0959	NC
913	0.3	-75.7335	36.1554	NC	985	-0.4	-75.7191	36.1253	NC	1057	-0.2	-75.7027	36.0955	NC
914	0.3	-75.7333	36.155	NC	986	-0.2	-75.7189	36.1249	NC	1058	-0.3	-75.7025	36.0951	NC
915	-0.3	-75.7346	36.1543	NC	987	-0.3	-75.7186	36.1245	NC	1059	-0.3	-75.7022	36.0947	NC
916	-0.3	-75.7344	36.1539	NC	988	-0.3	-75.7184	36.1241	NC	1060	-0.2	-75.7019	36.0942	NC
917	-0.5	-75.7342	36.1534	NC	989	-0.2	-75.7182	36.1237	NC	1061	-0.1	-75.7017	36.0938	NC
918	-0.4	-75.734	36.153	NC	990	-0.1	-75.7179	36.1232	NC	1062	-0.1	-75.7014	36.0934	NC
919	-0.2	-75.7337	36.1526	NC	991	-0.1	-75.7177	36.1228	NC	1063	0	-75.7012	36.093	NC
920	0.1	-75.7335	36.1521	NC	992	-0.2	-75.7174	36.1224	NC	1064	-0.2	-75.7009	36.0926	NC
921	-0.2	-75.7333	36.1517	NC	993	-0.2	-75.7172	36.122	NC	1065	-0.3	-75.7006	36.0922	NC
922	-0.1	-75.7331	36.1513	NC	994	-0.1	-75.717	36.1216	NC	1066	-0.3	-75.7004	36.0918	NC
923	0	-75.7329	36.1509	NC	995	0	-75.7167	36.1211	NC	1067	-0.3	-75.7001	36.0913	NC
924	-0.1	-75.7326	36.1504	NC	996	0.1	-75.7165	36.1207	NC	1068	-0.6	-75.6998	36.0909	NC
925	-0.3	-75.7324	36.15	NC	997	0	-75.7162	36.1203	NC	1069	-0.6	-75.6996	36.0905	NC
926	-0.2	-75.7322	36.1496	NC	998	0.1	-75.716	36.1199	NC	1070	-0.5	-75.6993	36.0901	NC
927	-0.2	-75.732	36.1491	NC	999	0.2	-75.7157	36.1195	NC	1071	-0.5	-75.6991	36.0897	NC
928	-0.1	-75.7318	36.1487	NC	1000	0.1	-75.7155	36.1191	NC	1072	-0.8	-75.6988	36.0893	NC
929	-0.1	-75.7315	36.1483	NC	1001	0.2	-75.7153	36.1186	NC	1073	-0.9	-75.6985	36.0889	NC
930	0	-75.7313	36.1479	NC	1002	0.2	-75.715	36.1182	NC	1074	-0.9	-75.6983	36.0884	NC
931	0.1	-75.7311	36.1474	NC	1003	0.2	-75.7148	36.1178	NC	1075	-0.7	-75.698	36.088	NC
932	0.2	-75.7309	36.147	NC	1004	0.2	-75.7145	36.1174	NC	1076	-1	-75.6978	36.0876	NC
933	0.2	-75.7307	36.1466	NC	1005	0.2	-75.7143	36.117	NC	1077	-1	-75.6975	36.0872	NC
934	0.2	-75.7304	36.1462	NC	1006	0.3	-75.714	36.1165	NC	1078	-0.9	-75.6972	36.0868	NC
935	0.3	-75.7302	36.1457	NC	1007	0.2	-75.7138	36.1161	NC	1079	-0.8	-75.697	36.0864	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1080	-0.6	-75.6967	36.086	NC	1152	-0.1	-75.6771	36.0579	NC	1224	0.5	-75.6594	36.0284	NC
1081	-0.6	-75.6965	36.0855	NC	1153	0.1	-75.6769	36.0575	NC	1225	0.4	-75.6592	36.028	NC
1082	-0.7	-75.6962	36.0851	NC	1154	0.3	-75.6766	36.0571	NC	1226	0.4	-75.6589	36.0276	NC
1083	-0.8	-75.6959	36.0847	NC	1155	0.2	-75.6763	36.0566	NC	1227	0.5	-75.6587	36.0272	NC
1084	-0.7	-75.6957	36.0843	NC	1156	0	-75.676	36.0562	NC	1228	0.6	-75.6584	36.0267	NC
1085	-0.7	-75.6954	36.0839	NC	1157	0	-75.6758	36.0558	NC	1229	0.8	-75.6582	36.0263	NC
1086	-1	-75.6952	36.0835	NC	1158	-0.1	-75.6755	36.0554	NC	1230	0.9	-75.6579	36.0259	NC
1087	-1.1	-75.6949	36.0831	NC	1159	-0.3	-75.6752	36.055	NC	1231	0.9	-75.6577	36.0255	NC
1088	-1.2	-75.6946	36.0827	NC	1160	-0.4	-75.6749	36.0546	NC	1232	0.8	-75.6574	36.0251	NC
1089	-1	-75.6944	36.0822	NC	1161	-0.6	-75.6747	36.0542	NC	1233	0.9	-75.6571	36.0247	NC
1090	-1	-75.6941	36.0818	NC	1162	-0.7	-75.6744	36.0538	NC	1234	1.2	-75.6569	36.0242	NC
1091	-1.1	-75.6939	36.0814	NC	1163	-0.8	-75.6741	36.0534	NC	1235	0.8	-75.6566	36.0238	NC
1092	-1.1	-75.6936	36.081	NC	1164	-0.8	-75.6738	36.053	NC	1236	0.6	-75.6564	36.0234	NC
1093	-1.1	-75.6933	36.0806	NC	1165	-1	-75.6736	36.0526	NC	1237	0.7	-75.6561	36.023	NC
1094	-1	-75.6931	36.0802	NC	1166	-1.1	-75.6733	36.0522	NC	1238	0.7	-75.6559	36.0226	NC
1095	-1	-75.6928	36.0798	NC	1167	-1.2	-75.673	36.0518	NC	1239	0.8	-75.6556	36.0222	NC
1096	-1.2	-75.6926	36.0793	NC	1168	-1.2	-75.6727	36.0514	NC	1240	1	-75.6554	36.0217	NC
1097	-1.4	-75.6923	36.0789	NC	1169	-1.1	-75.6725	36.0509	NC	1241	1.1	-75.6551	36.0213	NC
1098	-1.5	-75.692	36.0785	NC	1170	-1	-75.6722	36.0505	NC	1242	1.1	-75.6549	36.0209	NC
1099	-1.4	-75.6918	36.0781	NC	1171	-1.1	-75.6719	36.0501	NC	1243	0.9	-75.6546	36.0205	NC
1100	-1.3	-75.6915	36.0777	NC	1172	-1.2	-75.6716	36.0497	NC	1244	1	-75.6544	36.0201	NC
1101	-1.2	-75.6913	36.0773	NC	1173	-1.3	-75.6714	36.0493	NC	1245	0.9	-75.6541	36.0197	NC
1102	-1	-75.691	36.0769	NC	1174	-1.5	-75.6711	36.0489	NC	1246	0.8	-75.6538	36.0192	NC
1103	-1	-75.6907	36.0764	NC	1175	-1.6	-75.6708	36.0485	NC	1247	1	-75.6536	36.0188	NC
1104	-1	-75.6905	36.076	NC	1176	-1.7	-75.6705	36.0481	NC	1248	0.9	-75.6533	36.0184	NC
1105	-1.2	-75.6902	36.0756	NC	1177	-1.7	-75.6703	36.0477	NC	1249	1	-75.6531	36.018	NC
1106	-1.3	-75.6899	36.0752	NC	1178	-1.7	-75.67	36.0473	NC	1250	1	-75.6528	36.0176	NC
1107	-1.3	-75.6897	36.0748	NC	1179	-2	-75.6697	36.0469	NC	1251	1.3	-75.6526	36.0172	NC
1108	-1.4	-75.6894	36.0744	NC	1180	-2.1	-75.6694	36.0465	NC	1252	1.2	-75.6523	36.0167	NC
1109	-1.3	-75.6892	36.074	NC	1181	-2.1	-75.6692	36.0461	NC	1253	0.9	-75.6521	36.0163	NC
1110	-1.5	-75.6889	36.0735	NC	1182	-2.1	-75.6689	36.0457	NC	1254	0.9	-75.6518	36.0159	NC
1111	-1.5	-75.6886	36.0731	NC	1183	-2.1	-75.6686	36.0452	NC	1255	1	-75.6516	36.0155	NC
1112	-1.5	-75.6884	36.0727	NC	1184	-2.3	-75.6683	36.0448	NC	1256	1.1	-75.6513	36.0151	NC
1113	-1.5	-75.6881	36.0723	NC	1185	-2.3	-75.6681	36.0444	NC	1257	1	-75.6511	36.0147	NC
1114	-1.6	-75.6879	36.0719	NC	1186	-2.3	-75.6678	36.044	NC	1258	1	-75.6492	36.0142	NC
1115	-1.3	-75.6876	36.0715	NC	1187	-2.5	-75.6675	36.0436	NC	1259	0.9	-75.6508	36.0142	NC
1116	-1.1	-75.6873	36.0711	NC	1188	-2.6	-75.6672	36.0432	NC	1260	0.9	-75.6506	36.0138	NC
1117	-1.4	-75.6871	36.0706	NC	1189	-2.8	-75.667	36.0428	NC	1261	1	-75.649	36.0137	NC
1118	0.1	-75.6857	36.0705	NC	1190	-3	-75.6667	36.0424	NC	1262	1	-75.6503	36.0134	NC
1119	-1.6	-75.6868	36.0702	NC	1191	-1.3	-75.6678	36.0422	NC	1263	0.9	-75.6487	36.0133	NC
1120	0.4	-75.6854	36.0701	NC	1192	-1.3	-75.6675	36.0417	NC	1264	0.8	-75.6485	36.0129	NC
1121	-1.5	-75.6866	36.0698	NC	1193	-1.3	-75.6673	36.0413	NC	1265	0.9	-75.6482	36.0125	NC
1122	0.6	-75.6851	36.0697	NC	1194	-1.3	-75.667	36.0409	NC	1266	0.9	-75.648	36.0121	NC
1123	-1.6	-75.6863	36.0694	NC	1195	-1.3	-75.6668	36.0405	NC	1267	0.8	-75.6478	36.0117	NC
1124	0.6	-75.6848	36.0693	NC	1196	-1.2	-75.6665	36.0401	NC	1268	0.8	-75.6475	36.0112	NC
1125	0.7	-75.6846	36.0689	NC	1197	-1.5	-75.6663	36.0397	NC	1269	0.7	-75.6473	36.0108	NC
1126	0.7	-75.6843	36.0685	NC	1198	-1.7	-75.666	36.0392	NC	1270	0.7	-75.647	36.0104	NC
1127	0.5	-75.684	36.068	NC	1199	-1.6	-75.6658	36.0388	NC	1271	0.8	-75.6468	36.01	NC
1128	0.3	-75.6837	36.0676	NC	1200	-1.5	-75.6655	36.0384	NC	1272	0.8	-75.6465	36.0096	NC
1129	0.2	-75.6835	36.0672	NC	1201	-1.3	-75.6653	36.038	NC	1273	0.8	-75.6463	36.0091	NC
1130	0.2	-75.6832	36.0668	NC	1202	-1.2	-75.665	36.0376	NC	1274	0.7	-75.646	36.0087	NC
1131	0.3	-75.6829	36.0664	NC	1203	-1.2	-75.6648	36.0372	NC	1275	0.7	-75.6458	36.0083	NC
1132	0.8	-75.6826	36.066	NC	1204	-1.2	-75.6645	36.0367	NC	1276	0.7	-75.6456	36.0079	NC
1133	0.8	-75.6824	36.0656	NC	1205	-1.1	-75.6642	36.0363	NC	1277	0.6	-75.6453	36.0075	NC
1134	0.9	-75.6821	36.0652	NC	1206	-1.1	-75.664	36.0359	NC	1278	0.5	-75.6451	36.0071	NC
1135	1	-75.6818	36.0648	NC	1207	-1	-75.6637	36.0355	NC	1279	0.3	-75.6448	36.0066	NC
1136	0.9	-75.6815	36.0644	NC	1208	-0.9	-75.6635	36.0351	NC	1280	0.4	-75.6446	36.0062	NC
1137	0.8	-75.6813	36.064	NC	1209	-0.7	-75.6632	36.0347	NC	1281	0.4	-75.6443	36.0058	NC
1138	0.5	-75.681	36.0636	NC	1210	-0.5	-75.663	36.0342	NC	1282	0.4	-75.6441	36.0054	NC
1139	0.7	-75.6807	36.0632	NC	1211	-0.3	-75.6627	36.0338	NC	1283	0.4	-75.6439	36.005	NC
1140	0.8	-75.6804	36.0628	NC	1212	-0.1	-75.6625	36.0334	NC	1284	0.4	-75.6436	36.0045	NC
1141	0.8	-75.6802	36.0623	NC	1213	-0.1	-75.6622	36.033	NC	1285	0.5	-75.6434	36.0041	NC
1142	0.7	-75.6799	36.0619	NC	1214	0	-75.662	36.0326	NC	1286	0.6	-75.6431	36.0037	NC
1143	0.4	-75.6796	36.0615	NC	1215	0.1	-75.6617	36.0322	NC	1287	0.5	-75.6429	36.0033	NC
1144	0	-75.6793	36.0611	NC	1216	0.3	-75.6615	36.0317	NC	1288	0.5	-75.6426	36.0029	NC
1145	0.2	-75.6791	36.0607	NC	1217	0.3	-75.6612	36.0313	NC	1289	0.5	-75.6424	36.0025	NC
1146	0.2	-75.6788	36.0603	NC	1218	0.2	-75.6609	36.0309	NC	1290	0.5	-75.6421	36.002	NC
1147	0.2	-75.6785	36.0599	NC	1219	0.2	-75.6607	36.0305	NC	1291	0.3	-75.6419	36.0016	NC
1148	0.1	-75.6782	36.0595	NC	1220	0.4	-75.6604	36.0301	NC	1292	0.3	-75.6417	36.0012	NC
1149	-0.1	-75.678	36.0591	NC	1221	0.4	-75.6602	36.0297	NC	1293	0.3	-75.6414	36.0008	NC
1150	-0.2	-75.6777	36.0587	NC	1222	0.4	-75.6599	36.0292	NC	1294	0.2	-75.6412	36.0004	NC
1151	-0.2	-75.6774	36.0583	NC	1223	0.4	-75.6597	36.0288	NC	1295	0.2	-75.6409	35.9999	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1296	0.2	-75.6407	35.9995	NC	1368	-0.5	-75.6228	35.9699	NC	1440	-1	-75.6073	35.9404	NC
1297	0.3	-75.6404	35.9991	NC	1369	-0.3	-75.6226	35.9695	NC	1441	-1	-75.6071	35.9399	NC
1298	0.3	-75.6402	35.9987	NC	1370	-0.4	-75.6224	35.9691	NC	1442	-0.9	-75.6069	35.9395	NC
1299	0.2	-75.64	35.9983	NC	1371	-0.6	-75.6221	35.9686	NC	1443	-1	-75.6066	35.9391	NC
1300	0.4	-75.6397	35.9978	NC	1372	-0.3	-75.6219	35.9682	NC	1444	-0.9	-75.6064	35.9386	NC
1301	0.4	-75.6395	35.9974	NC	1373	-0.3	-75.6217	35.9678	NC	1445	-0.9	-75.6062	35.9382	NC
1302	0.3	-75.6392	35.997	NC	1374	-0.4	-75.6214	35.9674	NC	1446	-0.9	-75.6059	35.9378	NC
1303	0.3	-75.639	35.9966	NC	1375	-0.4	-75.6212	35.9669	NC	1447	-1	-75.6057	35.9374	NC
1304	0.3	-75.6387	35.9962	NC	1376	-0.3	-75.6209	35.9665	NC	1448	-1	-75.6054	35.9369	NC
1305	0.2	-75.6385	35.9958	NC	1377	-0.4	-75.6207	35.9661	NC	1449	-0.9	-75.6052	35.9365	NC
1306	0.1	-75.6382	35.9953	NC	1378	-0.5	-75.6205	35.9657	NC	1450	-0.8	-75.605	35.9361	NC
1307	0.2	-75.638	35.9949	NC	1379	-0.6	-75.6202	35.9652	NC	1451	-0.8	-75.6047	35.9357	NC
1308	0.1	-75.6378	35.9945	NC	1380	-0.6	-75.62	35.9648	NC	1452	-0.8	-75.6045	35.9352	NC
1309	0.1	-75.6375	35.9941	NC	1381	-0.7	-75.6198	35.9644	NC	1453	-0.8	-75.6043	35.9348	NC
1310	0.2	-75.6373	35.9937	NC	1382	-0.7	-75.6195	35.964	NC	1454	-0.7	-75.604	35.9344	NC
1311	0.3	-75.637	35.9932	NC	1383	-0.7	-75.6193	35.9635	NC	1455	-0.8	-75.6038	35.934	NC
1312	0.1	-75.6368	35.9928	NC	1384	-0.7	-75.6191	35.9631	NC	1456	-0.8	-75.6036	35.9335	NC
1313	0	-75.6365	35.9924	NC	1385	-0.8	-75.6188	35.9627	NC	1457	-0.8	-75.6033	35.9331	NC
1314	-0.2	-75.6363	35.992	NC	1386	-0.8	-75.6186	35.9623	NC	1458	-0.8	-75.6031	35.9327	NC
1315	-0.2	-75.6361	35.9916	NC	1387	-0.7	-75.6184	35.9618	NC	1459	-0.8	-75.6029	35.9322	NC
1316	-0.1	-75.6358	35.9912	NC	1388	-0.8	-75.6181	35.9614	NC	1460	-0.8	-75.6026	35.9318	NC
1317	-0.2	-75.6356	35.9907	NC	1389	-0.8	-75.6179	35.961	NC	1461	-0.8	-75.6024	35.9314	NC
1318	-0.4	-75.6353	35.9903	NC	1390	-0.8	-75.6177	35.9606	NC	1462	-0.7	-75.6022	35.931	NC
1319	-0.1	-75.6351	35.9899	NC	1391	-0.9	-75.6174	35.9601	NC	1463	-0.6	-75.6019	35.9305	NC
1320	0.3	-75.6348	35.9895	NC	1392	-1	-75.6172	35.9597	NC	1464	-0.6	-75.6017	35.9301	NC
1321	0	-75.6346	35.9891	NC	1393	-1	-75.6169	35.9593	NC	1465	-0.5	-75.6014	35.9297	NC
1322	-0.1	-75.6343	35.9886	NC	1394	-0.9	-75.6167	35.9589	NC	1466	-0.4	-75.6012	35.9293	NC
1323	-0.2	-75.6341	35.9882	NC	1395	-0.9	-75.6165	35.9584	NC	1467	-0.4	-75.601	35.9288	NC
1324	-0.3	-75.6339	35.9878	NC	1396	-0.8	-75.6162	35.958	NC	1468	-0.3	-75.6007	35.9284	NC
1325	-0.3	-75.6336	35.9874	NC	1397	-0.9	-75.616	35.9576	NC	1469	-0.4	-75.6005	35.928	NC
1326	-0.2	-75.6334	35.987	NC	1398	-1.1	-75.6158	35.9572	NC	1470	0.2	-75.603	35.9278	NC
1327	-0.2	-75.6331	35.9866	NC	1399	-0.7	-75.6165	35.957	NC	1471	-0.4	-75.6003	35.9276	NC
1328	-0.2	-75.6329	35.9861	NC	1400	-1.2	-75.6155	35.9567	NC	1472	0.2	-75.6028	35.9274	NC
1329	-0.2	-75.6326	35.9857	NC	1401	-0.6	-75.6163	35.9566	NC	1473	-0.4	-75.6	35.9271	NC
1330	0	-75.6315	35.9856	NC	1402	-1.3	-75.6153	35.9563	NC	1474	0.2	-75.6025	35.927	NC
1331	-0.3	-75.6324	35.9853	NC	1403	-0.6	-75.616	35.9561	NC	1475	-0.4	-75.5998	35.9267	NC
1332	0	-75.6313	35.9852	NC	1404	-0.6	-75.6158	35.9557	NC	1476	0	-75.6023	35.9265	NC
1333	-0.2	-75.6311	35.9848	NC	1405	-0.7	-75.6156	35.9553	NC	1477	0	-75.6021	35.9261	NC
1334	-0.2	-75.6308	35.9844	NC	1406	-0.7	-75.6153	35.9549	NC	1478	0.4	-75.6018	35.9257	NC
1335	-0.2	-75.6306	35.9839	NC	1407	-0.8	-75.6151	35.9544	NC	1479	0	-75.6016	35.9253	NC
1336	-0.2	-75.6304	35.9835	NC	1408	-0.9	-75.6149	35.954	NC	1480	-0.2	-75.6014	35.9248	NC
1337	-0.3	-75.6301	35.9831	NC	1409	-0.9	-75.6146	35.9536	NC	1481	0.1	-75.6012	35.9244	NC
1338	-0.5	-75.6299	35.9827	NC	1410	-0.9	-75.6144	35.9532	NC	1482	0	-75.6009	35.924	NC
1339	-0.5	-75.6296	35.9822	NC	1411	-0.9	-75.6141	35.9527	NC	1483	-0.2	-75.6007	35.9236	NC
1340	-0.4	-75.6294	35.9818	NC	1412	-0.9	-75.6139	35.9523	NC	1484	-0.4	-75.6005	35.9231	NC
1341	-0.3	-75.6292	35.9814	NC	1413	-0.9	-75.6137	35.9519	NC	1485	0	-75.6002	35.9227	NC
1342	-0.2	-75.6289	35.981	NC	1414	-0.8	-75.6134	35.9515	NC	1486	0	-75.6	35.9223	NC
1343	-0.1	-75.6287	35.9805	NC	1415	-0.9	-75.6132	35.951	NC	1487	0.1	-75.5998	35.9219	NC
1344	-0.1	-75.6285	35.9801	NC	1416	-0.9	-75.613	35.9506	NC	1488	0.1	-75.5995	35.9214	NC
1345	-0.1	-75.6282	35.9797	NC	1417	-1	-75.6127	35.9502	NC	1489	0	-75.5993	35.921	NC
1346	-0.1	-75.628	35.9793	NC	1418	-0.9	-75.6125	35.9497	NC	1490	0	-75.5991	35.9206	NC
1347	0	-75.6278	35.9788	NC	1419	-0.7	-75.6123	35.9493	NC	1491	0.2	-75.5988	35.9202	NC
1348	-0.1	-75.6275	35.9784	NC	1420	-0.7	-75.612	35.9489	NC	1492	0.2	-75.5986	35.9197	NC
1349	-0.2	-75.6273	35.978	NC	1421	-0.9	-75.6118	35.9485	NC	1493	0	-75.5984	35.9193	NC
1350	-0.1	-75.6271	35.9776	NC	1422	-0.9	-75.6116	35.948	NC	1494	0.2	-75.5981	35.9189	NC
1351	-0.2	-75.6268	35.9771	NC	1423	-1	-75.6113	35.9476	NC	1495	0.3	-75.5979	35.9185	NC
1352	-0.3	-75.6266	35.9767	NC	1424	-0.8	-75.6111	35.9472	NC	1496	0.3	-75.5977	35.918	NC
1353	-0.3	-75.6264	35.9763	NC	1425	-0.8	-75.6109	35.9468	NC	1497	0.6	-75.5975	35.9176	NC
1354	-0.1	-75.6261	35.9759	NC	1426	-0.8	-75.6106	35.9463	NC	1498	0.5	-75.5972	35.9172	NC
1355	0.1	-75.6259	35.9754	NC	1427	-0.8	-75.6104	35.9459	NC	1499	0.7	-75.597	35.9168	NC
1356	-0.1	-75.6256	35.975	NC	1428	-0.7	-75.6101	35.9455	NC	1500	0.8	-75.5968	35.9164	NC
1357	-0.1	-75.6254	35.9746	NC	1429	-0.8	-75.6099	35.9451	NC	1501	0.5	-75.5965	35.9159	NC
1358	-0.1	-75.6252	35.9742	NC	1430	-0.9	-75.6097	35.9446	NC	1502	0.4	-75.5963	35.9155	NC
1359	-0.3	-75.6249	35.9737	NC	1431	-0.9	-75.6094	35.9442	NC	1503	0.4	-75.5961	35.9151	NC
1360	-0.2	-75.6247	35.9733	NC	1432	-0.8	-75.6092	35.9438	NC	1504	-1	-75.5958	35.9147	NC
1361	-0.3	-75.6245	35.9729	NC	1433	-0.8	-75.609	35.9433	NC	1505	-0.9	-75.5956	35.9142	NC
1362	-0.3	-75.6242	35.9725	NC	1434	-0.8	-75.6087	35.9429	NC	1506	-0.8	-75.5954	35.9138	NC
1363	-0.4	-75.624	35.972	NC	1435	-0.7	-75.6085	35.9425	NC	1507	-0.7	-75.5951	35.9134	NC
1364	-0.3	-75.6238	35.9716	NC	1436	-0.7	-75.6083	35.9421	NC	1508	-0.4	-75.5949	35.913	NC
1365	-0.4	-75.6235	35.9712	NC	1437	-0.7	-75.608	35.9416	NC	1509	-0.4	-75.5947	35.9125	NC
1366	-0.6	-75.6233	35.9708	NC	1438	-0.8	-75.6078	35.9412	NC	1510	-0.3	-75.5945	35.9121	NC
1367	-0.6	-75.6231	35.9703	NC	1439	-0.9	-75.6076	35.9408	NC	1511	-0.3	-75.5942	35.9117	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1512	-0.4	-75.594	35.9113	NC	1584	-0.9	-75.5779	35.8818	NC	1656	-3	-75.5621	35.8516	NC
1513	-0.4	-75.5938	35.9108	NC	1585	-0.9	-75.5777	35.8814	NC	1657	-3.2	-75.5619	35.8512	NC
1514	-0.4	-75.5935	35.9104	NC	1586	-0.8	-75.5774	35.881	NC	1658	-3.5	-75.5616	35.8508	NC
1515	-0.2	-75.5933	35.91	NC	1587	-0.8	-75.5772	35.8806	NC	1659	-3.3	-75.5614	35.8503	NC
1516	-0.1	-75.5931	35.9096	NC	1588	-0.9	-75.577	35.8801	NC	1660	-3.4	-75.5612	35.8499	NC
1517	-0.2	-75.5928	35.9091	NC	1589	-0.9	-75.5767	35.8797	NC	1661	-3.3	-75.561	35.8495	NC
1518	-0.2	-75.5926	35.9087	NC	1590	-0.8	-75.5765	35.8793	NC	1662	-3.2	-75.5608	35.849	NC
1519	-0.4	-75.5924	35.9083	NC	1591	-0.9	-75.5763	35.8789	NC	1663	-3.4	-75.5606	35.8486	NC
1520	-0.5	-75.5921	35.9079	NC	1592	-0.9	-75.576	35.8785	NC	1664	-3.4	-75.5603	35.8482	NC
1521	-0.7	-75.5919	35.9075	NC	1593	-1	-75.5758	35.878	NC	1665	-3.4	-75.5601	35.8477	NC
1522	-0.7	-75.5917	35.907	NC	1594	-1.1	-75.5756	35.8776	NC	1666	-3.4	-75.5599	35.8473	NC
1523	-0.6	-75.5915	35.9066	NC	1595	-1.3	-75.5754	35.8772	NC	1667	-3.3	-75.5597	35.8469	NC
1524	-0.8	-75.5912	35.9062	NC	1596	-1.3	-75.5751	35.8768	NC	1668	-3.2	-75.5595	35.8465	NC
1525	-0.8	-75.591	35.9058	NC	1597	-1.4	-75.5749	35.8763	NC	1669	-3.2	-75.5593	35.846	NC
1526	-0.8	-75.5908	35.9053	NC	1598	-1.6	-75.5747	35.8759	NC	1670	-3.1	-75.5591	35.8456	NC
1527	-0.7	-75.5905	35.9049	NC	1599	-1.6	-75.5744	35.8755	NC	1671	-3	-75.5588	35.8452	NC
1528	-0.8	-75.5903	35.9045	NC	1600	-1.5	-75.5742	35.8751	NC	1672	-3	-75.5586	35.8447	NC
1529	-0.9	-75.5901	35.9041	NC	1601	-1.6	-75.574	35.8746	NC	1673	-3	-75.5584	35.8443	NC
1530	-1.1	-75.5898	35.9036	NC	1602	-2	-75.5737	35.8742	NC	1674	-3	-75.5582	35.8439	NC
1531	-0.9	-75.5896	35.9032	NC	1603	-2	-75.5735	35.8738	NC	1675	-3.2	-75.558	35.8434	NC
1532	-0.9	-75.5894	35.9028	NC	1604	-2.1	-75.5733	35.8734	NC	1676	-3	-75.5578	35.843	NC
1533	-0.8	-75.5891	35.9024	NC	1605	-2.1	-75.573	35.873	NC	1677	-3	-75.5583	35.8429	NC
1534	-0.9	-75.5889	35.9019	NC	1606	-2.3	-75.5728	35.8725	NC	1678	-3	-75.5575	35.8426	NC
1535	-1	-75.5887	35.9015	NC	1607	-2.7	-75.5726	35.8721	NC	1679	-3	-75.5581	35.8425	NC
1536	-1.1	-75.5884	35.9011	NC	1608	-1.6	-75.5722	35.8718	NC	1680	-3.2	-75.5573	35.8422	NC
1537	-1.1	-75.5882	35.9007	NC	1609	-1.9	-75.5723	35.8717	NC	1681	-3.2	-75.5579	35.842	NC
1538	-1.2	-75.588	35.9002	NC	1610	-1.5	-75.572	35.8714	NC	1682	-3.2	-75.5577	35.8416	NC
1539	-1.3	-75.5878	35.8998	NC	1611	-1.7	-75.5718	35.8709	NC	1683	-3.2	-75.5575	35.8412	NC
1540	-1.2	-75.5875	35.8994	NC	1612	-1.8	-75.5716	35.8705	NC	1684	-2.9	-75.5573	35.8407	NC
1541	-1.5	-75.5874	35.8992	NC	1613	-1.7	-75.5713	35.8701	NC	1685	-2.8	-75.5571	35.8403	NC
1542	-1.2	-75.5873	35.899	NC	1614	-1.6	-75.5711	35.8697	NC	1686	-2.8	-75.5569	35.8398	NC
1543	-1.6	-75.5872	35.8987	NC	1615	-1.7	-75.5709	35.8692	NC	1687	-2.7	-75.5567	35.8394	NC
1544	-1.2	-75.5871	35.8985	NC	1616	-1.6	-75.5707	35.8688	NC	1688	-2.5	-75.5565	35.839	NC
1545	-1.7	-75.587	35.8983	NC	1617	-1.6	-75.5705	35.8684	NC	1689	-2.4	-75.5563	35.8385	NC
1546	-1.4	-75.5867	35.8979	NC	1618	-1.5	-75.5703	35.8679	NC	1690	-2.4	-75.5561	35.8381	NC
1547	-1.5	-75.5865	35.8975	NC	1619	-1.4	-75.57	35.8675	NC	1691	-2.3	-75.556	35.8377	NC
1548	-1.4	-75.5863	35.897	NC	1620	-1.5	-75.5698	35.8671	NC	1692	-2.2	-75.5558	35.8372	NC
1549	-1.4	-75.586	35.8966	NC	1621	-1.6	-75.5696	35.8666	NC	1693	-2.3	-75.5556	35.8368	NC
1550	-1.5	-75.5858	35.8962	NC	1622	-1.6	-75.5694	35.8662	NC	1694	-2.4	-75.5554	35.8364	NC
1551	-1.7	-75.5856	35.8958	NC	1623	-1.6	-75.5692	35.8658	NC	1695	-2.4	-75.5552	35.8359	NC
1552	-1.7	-75.5853	35.8954	NC	1624	-1.7	-75.569	35.8654	NC	1696	-2.7	-75.555	35.8355	NC
1553	-1.8	-75.5851	35.8949	NC	1625	-1.7	-75.5688	35.8649	NC	1697	-3	-75.5548	35.835	NC
1554	-1.8	-75.5849	35.8945	NC	1626	-2.1	-75.5685	35.8645	NC	1698	-3.2	-75.5546	35.8346	NC
1555	-1.7	-75.5846	35.8941	NC	1627	-2	-75.5683	35.8641	NC	1699	-3.1	-75.5544	35.8342	NC
1556	-1.7	-75.5844	35.8937	NC	1628	-1.7	-75.5681	35.8636	NC	1700	-3	-75.5542	35.8337	NC
1557	-1.7	-75.5842	35.8932	NC	1629	-1.8	-75.5679	35.8632	NC	1701	-2.7	-75.554	35.8333	NC
1558	-1.6	-75.5839	35.8928	NC	1630	-2	-75.5677	35.8628	NC	1702	-2.9	-75.5538	35.8329	NC
1559	-1.7	-75.5837	35.8924	NC	1631	-2.1	-75.5675	35.8623	NC	1703	-2.8	-75.5536	35.8324	NC
1560	-1.7	-75.5835	35.892	NC	1632	-2	-75.5672	35.8619	NC	1704	-2.6	-75.5534	35.832	NC
1561	-1.7	-75.5833	35.8915	NC	1633	-2.1	-75.567	35.8615	NC	1705	-2.5	-75.5532	35.8315	NC
1562	-1.6	-75.583	35.8911	NC	1634	-2.1	-75.5668	35.8611	NC	1706	-2.3	-75.553	35.8311	NC
1563	-1.5	-75.5828	35.8907	NC	1635	-2.1	-75.5666	35.8606	NC	1707	-2.3	-75.5528	35.8307	NC
1564	-1.4	-75.5826	35.8903	NC	1636	-2.1	-75.5664	35.8602	NC	1708	-3.9	-75.5526	35.8302	NC
1565	-1.3	-75.5823	35.8899	NC	1637	-2.3	-75.5662	35.8598	NC	1709	-3.8	-75.5524	35.8298	NC
1566	-1.3	-75.5821	35.8894	NC	1638	-2.4	-75.566	35.8593	NC	1710	-3.7	-75.5522	35.8294	NC
1567	-1.2	-75.5819	35.889	NC	1639	-2.6	-75.5657	35.8589	NC	1711	-3.9	-75.552	35.8289	NC
1568	-1.1	-75.5816	35.8886	NC	1640	-2.6	-75.5655	35.8585	NC	1712	-3.8	-75.5518	35.8285	NC
1569	-1	-75.5814	35.8882	NC	1641	-2.5	-75.5653	35.8581	NC	1713	-3.7	-75.5516	35.8281	NC
1570	-1	-75.5812	35.8877	NC	1642	-2.5	-75.5651	35.8576	NC	1714	-4	-75.5514	35.8276	NC
1571	-1	-75.5809	35.8873	NC	1643	-2.7	-75.5649	35.8572	NC	1715	-3.8	-75.5513	35.8272	NC
1572	-1	-75.5807	35.8869	NC	1644	-2.6	-75.5647	35.8568	NC	1716	-3.8	-75.5511	35.8267	NC
1573	-1.1	-75.5805	35.8865	NC	1645	-2.7	-75.5644	35.8563	NC	1717	-3.8	-75.5509	35.8263	NC
1574	-0.9	-75.5802	35.8861	NC	1646	-2.6	-75.5642	35.8559	NC	1718	-4	-75.5507	35.8259	NC
1575	-0.9	-75.58	35.8856	NC	1647	-2.7	-75.564	35.8555	NC	1719	-4.3	-75.5505	35.8254	NC
1576	-0.9	-75.5798	35.8852	NC	1648	-2.8	-75.5638	35.855	NC	1720	-4.4	-75.5503	35.825	NC
1577	-0.8	-75.5795	35.8848	NC	1649	-3	-75.5636	35.8546	NC	1721	-4.5	-75.5501	35.8246	NC
1578	-0.6	-75.5793	35.8844	NC	1650	-2.8	-75.5634	35.8542	NC	1722	-4.8	-75.5499	35.8241	NC
1579	-0.8	-75.5791	35.8839	NC	1651	-2.7	-75.5631	35.8538	NC	1723	-4.8	-75.5497	35.8237	NC
1580	-0.9	-75.5788	35.8835	NC	1652	-2.7	-75.5629	35.8533	NC	1724	-4.7	-75.5495	35.8233	NC
1581	-0.7	-75.5786	35.8831	NC	1653	-2.7	-75.5627	35.8529	NC	1725	-4.5	-75.5493	35.8228	NC
1582	-0.8	-75.5784	35.8827	NC	1654	-2.5	-75.5625	35.8525	NC	1726	-4.5	-75.5491	35.8224	NC
1583	-0.9	-75.5781	35.8823	NC	1655	-2.6	-75.5623	35.852	NC	1727	-4.7	-75.5489	35.8219	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1728	-4.3	-75.5487	35.8215	NC	1800	18.4	-75.5352	35.7914	NC	1872	-3.1	-75.5121	35.7644	NC
1729	-4.2	-75.5485	35.8211	NC	1801	20.5	-75.535	35.791	NC	1873	-3.1	-75.5119	35.764	NC
1730	-4.3	-75.5483	35.8206	NC	1802	17.2	-75.5348	35.7906	NC	1874	-3.2	-75.5117	35.7635	NC
1731	-4.3	-75.5481	35.8202	NC	1803	20.2	-75.5346	35.7901	NC	1875	-3.1	-75.5114	35.7631	NC
1732	-4.4	-75.5479	35.8198	NC	1804	18.8	-75.5344	35.7897	NC	1876	-3	-75.5112	35.7627	NC
1733	-4.5	-75.5477	35.8193	NC	1805	18.3	-75.5342	35.7892	NC	1877	-3	-75.511	35.7622	NC
1734	-4.4	-75.5475	35.8189	NC	1806	9.4	-75.5246	35.7888	NC	1878	-3.4	-75.51	35.7618	NC
1735	-4.3	-75.5473	35.8184	NC	1807	16.8	-75.534	35.7888	NC	1879	-2.8	-75.5108	35.7618	NC
1736	-4.4	-75.5471	35.818	NC	1808	8.6	-75.5244	35.7884	NC	1880	-3.2	-75.5098	35.7614	NC
1737	-4.2	-75.5469	35.8176	NC	1809	15.5	-75.5338	35.7884	NC	1881	-2.8	-75.5106	35.7614	NC
1738	-4.2	-75.5467	35.8171	NC	1810	8.7	-75.5242	35.7879	NC	1882	-2.9	-75.5103	35.761	NC
1739	-4.4	-75.5466	35.8167	NC	1811	14.6	-75.5336	35.7879	NC	1883	-3.3	-75.5095	35.7609	NC
1740	-4.4	-75.5464	35.8163	NC	1812	7.8	-75.524	35.7875	NC	1884	-3.3	-75.5093	35.7605	NC
1741	-4.5	-75.5462	35.8158	NC	1813	13.1	-75.5335	35.7875	NC	1885	-3	-75.5101	35.7605	NC
1742	-4.7	-75.546	35.8154	NC	1814	4.4	-75.5237	35.7871	NC	1886	-3.3	-75.5091	35.7601	NC
1743	-4.7	-75.5458	35.815	NC	1815	10.7	-75.5333	35.7871	NC	1887	-3.2	-75.5099	35.7601	NC
1744	-4.6	-75.5456	35.8145	NC	1816	-0.3	-75.5235	35.7866	NC	1888	-3.4	-75.5088	35.7597	NC
1745	-4.5	-75.5454	35.8141	NC	1817	9.6	-75.5331	35.7866	NC	1889	-3.4	-75.5086	35.7592	NC
1746	-5.4	-75.5452	35.8137	NC	1818	-0.6	-75.5233	35.7862	NC	1890	-3.3	-75.5084	35.7588	NC
1747	-4.5	-75.5452	35.8136	NC	1819	8.7	-75.5329	35.7862	NC	1891	-3.3	-75.5081	35.7584	NC
1748	-5.1	-75.545	35.8133	NC	1820	-0.9	-75.5231	35.7858	NC	1892	-3.3	-75.5079	35.758	NC
1749	-4.5	-75.545	35.8132	NC	1821	6.8	-75.5327	35.7858	NC	1893	-3.4	-75.5077	35.7575	NC
1750	-5	-75.5448	35.8128	NC	1822	-0.9	-75.5229	35.7854	NC	1894	-3.4	-75.5074	35.7571	NC
1751	-4.4	-75.5448	35.8128	NC	1823	5.3	-75.5325	35.7853	NC	1895	-3.8	-75.5072	35.7567	NC
1752	-4.7	-75.5446	35.8124	NC	1824	-0.8	-75.5226	35.7849	NC	1896	-3.7	-75.507	35.7563	NC
1753	-4.8	-75.5444	35.812	NC	1825	1.3	-75.5224	35.7845	NC	1897	-3.6	-75.5067	35.7558	NC
1754	-4.5	-75.5442	35.8115	NC	1826	3.3	-75.5222	35.7841	NC	1898	-3.7	-75.5065	35.7554	NC
1755	-4.3	-75.544	35.8111	NC	1827	2.4	-75.522	35.7836	NC	1899	-4	-75.5063	35.755	NC
1756	-4.3	-75.5438	35.8106	NC	1828	1.7	-75.5218	35.7832	NC	1900	-4.1	-75.506	35.7546	NC
1757	-4	-75.5436	35.8102	NC	1829	1.4	-75.5215	35.7828	NC	1901	-4.2	-75.5058	35.7541	NC
1758	-3.8	-75.5434	35.8098	NC	1830	1.2	-75.5213	35.7824	NC	1902	-4.3	-75.5056	35.7537	NC
1759	-3.8	-75.5432	35.8093	NC	1831	0.1	-75.5211	35.7819	NC	1903	-4.3	-75.5053	35.7533	NC
1760	-3.9	-75.543	35.8089	NC	1832	-1.1	-75.5209	35.7815	NC	1904	-4.3	-75.5051	35.7529	NC
1761	-3.7	-75.5429	35.8085	NC	1833	NA	-75.5207	35.7811	NC	1905	-4.3	-75.5049	35.7524	NC
1762	-3.4	-75.5427	35.808	NC	1834	NA	-75.5204	35.7807	NC	1906	-4.3	-75.5046	35.752	NC
1763	-3.1	-75.5425	35.8076	NC	1835	-19.7	-75.5202	35.7802	NC	1907	-4.2	-75.5044	35.7516	NC
1764	-2.7	-75.5423	35.8072	NC	1836	-33.2	-75.52	35.7798	NC	1908	-4	-75.5042	35.7512	NC
1765	-2.5	-75.5421	35.8067	NC	1837	-28	-75.5198	35.7794	NC	1909	-4.2	-75.5039	35.7507	NC
1766	-2.2	-75.5419	35.8063	NC	1838	-22.7	-75.5196	35.7789	NC	1910	-4.3	-75.5037	35.7503	NC
1767	-2.1	-75.5417	35.8058	NC	1839	-16.4	-75.5193	35.7785	NC	1911	-4	-75.5035	35.7499	NC
1768	-2.2	-75.5415	35.8054	NC	1840	-18.4	-75.5191	35.7781	NC	1912	-4.2	-75.5032	35.7495	NC
1769	-1.8	-75.5413	35.805	NC	1841	-15.2	-75.5189	35.7777	NC	1913	-4.3	-75.503	35.749	NC
1770	-1.2	-75.5411	35.8045	NC	1842	-11.9	-75.5187	35.7772	NC	1914	-4.1	-75.5028	35.7486	NC
1771	-0.9	-75.5409	35.8041	NC	1843	-10.2	-75.5185	35.7768	NC	1915	-4.1	-75.5025	35.7482	NC
1772	-0.6	-75.5407	35.8037	NC	1844	-19.5	-75.5182	35.7764	NC	1916	-4.3	-75.5023	35.7478	NC
1773	-0.1	-75.5405	35.8032	NC	1845	-17.9	-75.518	35.7759	NC	1917	-4.3	-75.5021	35.7473	NC
1774	0.2	-75.5403	35.8028	NC	1846	-14.4	-75.5178	35.7755	NC	1918	-4.4	-75.5018	35.7469	NC
1775	0.7	-75.5401	35.8023	NC	1847	-13.2	-75.5176	35.7751	NC	1919	-4.8	-75.5016	35.7465	NC
1776	0.9	-75.5399	35.8019	NC	1848	-11.3	-75.5174	35.7747	NC	1920	-5	-75.5013	35.7461	NC
1777	1.5	-75.5397	35.8015	NC	1849	-11.3	-75.5172	35.7742	NC	1921	-5.2	-75.5011	35.7456	NC
1778	2	-75.5395	35.801	NC	1850	-11.1	-75.5169	35.7738	NC	1922	-5.4	-75.5009	35.7452	NC
1779	2.5	-75.5393	35.8006	NC	1851	-10.7	-75.5167	35.7734	NC	1923	-5.5	-75.5006	35.7448	NC
1780	3	-75.5391	35.8002	NC	1852	-9.8	-75.5165	35.7729	NC	1924	-5.6	-75.5004	35.7444	NC
1781	3.5	-75.5389	35.7997	NC	1853	-8	-75.5163	35.7725	NC	1925	-5.6	-75.5002	35.7439	NC
1782	4.1	-75.5387	35.7993	NC	1854	-7.4	-75.5161	35.7721	NC	1926	-5.4	-75.4999	35.7435	NC
1783	4.5	-75.5385	35.7989	NC	1855	-6.5	-75.5158	35.7717	NC	1927	-5.4	-75.4997	35.7431	NC
1784	5	-75.5383	35.7984	NC	1856	-5.8	-75.5156	35.7712	NC	1928	-5.2	-75.4995	35.7427	NC
1785	5.6	-75.5382	35.798	NC	1857	-5.5	-75.5154	35.7708	NC	1929	-5.2	-75.4992	35.7422	NC
1786	6.3	-75.538	35.7975	NC	1858	-3.9	-75.5152	35.7704	NC	1930	-5.1	-75.499	35.7418	NC
1787	2.9	-75.5378	35.7971	NC	1859	-3.8	-75.515	35.7699	NC	1931	-5	-75.4988	35.7414	NC
1788	3.2	-75.5376	35.7967	NC	1860	-3.7	-75.5147	35.7695	NC	1932	-5	-75.4985	35.741	NC
1789	4	-75.5374	35.7962	NC	1861	-3.7	-75.5145	35.7691	NC	1933	-5.1	-75.4983	35.7405	NC
1790	4.8	-75.5372	35.7958	NC	1862	-3.8	-75.5143	35.7687	NC	1934	-5.2	-75.4981	35.7401	NC
1791	6.1	-75.537	35.7954	NC	1863	-3.4	-75.5141	35.7682	NC	1935	-5	-75.4978	35.7397	NC
1792	7.4	-75.5368	35.7949	NC	1864	-3	-75.5139	35.7678	NC	1936	-5.1	-75.4976	35.7393	NC
1793	9.1	-75.5366	35.7945	NC	1865	-3	-75.5136	35.7674	NC	1937	-4.9	-75.4974	35.7388	NC
1794	10.8	-75.5364	35.7941	NC	1866	-2.9	-75.5134	35.767	NC	1938	-4.9	-75.4971	35.7384	NC
1795	11.1	-75.5362	35.7936	NC	1867	-3	-75.5132	35.7665	NC	1939	-4.9	-75.4969	35.738	NC
1796	11.3	-75.536	35.7932	NC	1868	-3.1	-75.513	35.7661	NC	1940	-4.8	-75.4967	35.7376	NC
1797	11.4	-75.5358	35.7927	NC	1869	-3.3	-75.5128	35.7657	NC	1941	-4.7	-75.4964	35.7371	NC
1798	11.6	-75.5356	35.7923	NC	1870	-3.3	-75.5125	35.7652	NC	1942	-4.6	-75.4962	35.7367	NC
1799	12.8	-75.5354	35.7919	NC	1871	-3.1	-75.5123	35.7648	NC	1943	-4.6	-75.496	35.7363	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
1944	-4.5	-75.4957	35.7359	NC	2016	-1.2	-75.485	35.7047	NC	2088	-1.7	-75.4751	35.6735	NC
1945	-4.4	-75.4955	35.7354	NC	2017	-1.3	-75.4848	35.7042	NC	2089	-0.8	-75.475	35.673	NC
1946	-4.4	-75.4953	35.735	NC	2018	-1.6	-75.4847	35.7038	NC	2090	-1.4	-75.4749	35.673	NC
1947	-4.2	-75.495	35.7346	NC	2019	-2	-75.4838	35.7033	NC	2091	-0.7	-75.4749	35.6726	NC
1948	-4.1	-75.4948	35.7342	NC	2020	-1.5	-75.4845	35.7033	NC	2092	-0.3	-75.4749	35.6721	NC
1949	-4.1	-75.4946	35.7337	NC	2021	-1.8	-75.4843	35.7029	NC	2093	-0.1	-75.4748	35.6717	NC
1950	-4.2	-75.4943	35.7333	NC	2022	-2.1	-75.4837	35.7028	NC	2094	-0.1	-75.4747	35.6712	NC
1951	-4.1	-75.4941	35.7329	NC	2023	-2.2	-75.4835	35.7024	NC	2095	0	-75.4746	35.6708	NC
1952	-3.4	-75.4952	35.7327	NC	2024	-2.4	-75.4834	35.7019	NC	2096	-0.1	-75.4745	35.6703	NC
1953	-4.2	-75.4939	35.7325	NC	2025	-2.5	-75.4833	35.7015	NC	2097	-0.3	-75.4744	35.6699	NC
1954	-3.1	-75.495	35.7323	NC	2026	-2.7	-75.4831	35.701	NC	2098	-0.4	-75.4744	35.6694	NC
1955	-3.2	-75.4949	35.7318	NC	2027	-2.6	-75.483	35.7006	NC	2099	-0.4	-75.4743	35.669	NC
1956	-3.1	-75.4947	35.7314	NC	2028	-2.7	-75.4829	35.7001	NC	2100	-2	-75.4742	35.6685	NC
1957	-3	-75.4946	35.7309	NC	2029	-3	-75.4827	35.6997	NC	2101	-1.9	-75.4741	35.668	NC
1958	-5.1	-75.4944	35.7305	NC	2030	-3	-75.4826	35.6992	NC	2102	-1.9	-75.474	35.6676	NC
1959	-5	-75.4942	35.73	NC	2031	-3.2	-75.4825	35.6988	NC	2103	-1.8	-75.4739	35.6671	NC
1960	-4.6	-75.4941	35.7296	NC	2032	-3.4	-75.4823	35.6983	NC	2104	-1.7	-75.4739	35.6667	NC
1961	-4.5	-75.4939	35.7291	NC	2033	-3.4	-75.4822	35.6979	NC	2105	-1.3	-75.4738	35.6662	NC
1962	-4.5	-75.4937	35.7287	NC	2034	-3.3	-75.4821	35.6974	NC	2106	-1.3	-75.4737	35.6658	NC
1963	-4.6	-75.4936	35.7282	NC	2035	-3.4	-75.4819	35.697	NC	2107	-1	-75.4736	35.6653	NC
1964	-4.7	-75.4934	35.7278	NC	2036	-3.4	-75.4818	35.6965	NC	2108	-0.8	-75.4735	35.6649	NC
1965	-4.4	-75.4933	35.7274	NC	2037	-3.4	-75.4817	35.6961	NC	2109	-0.7	-75.4734	35.6644	NC
1966	-4.1	-75.4931	35.7269	NC	2038	-3.3	-75.4815	35.6956	NC	2110	-0.4	-75.4734	35.6639	NC
1967	-3.9	-75.4929	35.7265	NC	2039	-3.2	-75.4814	35.6952	NC	2111	-0.4	-75.4733	35.6635	NC
1968	-3.8	-75.4928	35.726	NC	2040	-3.2	-75.4813	35.6947	NC	2112	-0.4	-75.4732	35.663	NC
1969	-3.5	-75.4926	35.7256	NC	2041	-3	-75.4812	35.6943	NC	2113	-0.4	-75.4731	35.6626	NC
1970	-3.4	-75.4924	35.7251	NC	2042	-2.9	-75.481	35.6938	NC	2114	-0.5	-75.473	35.6621	NC
1971	-3.6	-75.4923	35.7247	NC	2043	-2.7	-75.4809	35.6934	NC	2115	-0.6	-75.4729	35.6617	NC
1972	-3.7	-75.4921	35.7242	NC	2044	-2.4	-75.4808	35.6929	NC	2116	-0.5	-75.4729	35.6612	NC
1973	-3.3	-75.492	35.7238	NC	2045	-2.4	-75.4806	35.6924	NC	2117	-0.3	-75.4728	35.6608	NC
1974	-3.3	-75.4918	35.7234	NC	2046	-2.2	-75.4805	35.692	NC	2118	0.1	-75.4727	35.6603	NC
1975	-3.3	-75.4916	35.7229	NC	2047	-2.4	-75.4804	35.6915	NC	2119	0.3	-75.4726	35.6599	NC
1976	-3.1	-75.4915	35.7225	NC	2048	-2.6	-75.4802	35.6911	NC	2120	0.3	-75.4725	35.6594	NC
1977	-3	-75.4913	35.722	NC	2049	-1.6	-75.4801	35.6906	NC	2121	0.5	-75.4724	35.6589	NC
1978	-3	-75.4912	35.7216	NC	2050	-1.7	-75.48	35.6902	NC	2122	0.6	-75.4724	35.6585	NC
1979	-3.3	-75.491	35.7211	NC	2051	-1.8	-75.4798	35.6897	NC	2123	0.6	-75.4723	35.658	NC
1980	-3.5	-75.4908	35.7207	NC	2052	-1.8	-75.4797	35.6893	NC	2124	0.8	-75.4722	35.6576	NC
1981	-3.5	-75.4907	35.7202	NC	2053	-1.6	-75.4796	35.6888	NC	2125	0.9	-75.4721	35.6571	NC
1982	-3.4	-75.4905	35.7198	NC	2054	-1.6	-75.4794	35.6884	NC	2126	1	-75.472	35.6567	NC
1983	-3.4	-75.4903	35.7193	NC	2055	-1.8	-75.4793	35.6879	NC	2127	1.1	-75.4719	35.6562	NC
1984	-3.4	-75.4902	35.7189	NC	2056	-1.7	-75.4792	35.6875	NC	2128	1.2	-75.4719	35.6558	NC
1985	-3.2	-75.49	35.7185	NC	2057	-2.1	-75.479	35.687	NC	2129	1	-75.4718	35.6553	NC
1986	-3.1	-75.4899	35.718	NC	2058	-2.2	-75.4789	35.6866	NC	2130	0.7	-75.4717	35.6548	NC
1987	-3	-75.4897	35.7176	NC	2059	-2.1	-75.4788	35.6861	NC	2131	0.6	-75.4716	35.6544	NC
1988	-2.7	-75.4895	35.7171	NC	2060	-2.1	-75.4786	35.6857	NC	2132	0.5	-75.4715	35.6539	NC
1989	-2.6	-75.4894	35.7167	NC	2061	-2.3	-75.4785	35.6852	NC	2133	0.4	-75.4714	35.6535	NC
1990	-2.6	-75.4892	35.7162	NC	2062	-2.4	-75.4784	35.6848	NC	2134	0.3	-75.4714	35.653	NC
1991	-2.7	-75.489	35.7158	NC	2063	-1.9	-75.4782	35.6843	NC	2135	0	-75.4713	35.6526	NC
1992	-2.5	-75.4889	35.7153	NC	2064	-1.6	-75.4781	35.6839	NC	2136	-0.1	-75.4712	35.6521	NC
1993	-2.5	-75.4887	35.7149	NC	2065	-1.9	-75.478	35.6834	NC	2137	0.1	-75.4711	35.6517	NC
1994	-2.3	-75.4886	35.7145	NC	2066	-2	-75.4778	35.683	NC	2138	0.2	-75.471	35.6512	NC
1995	-2.4	-75.4884	35.714	NC	2067	-2.2	-75.4777	35.6825	NC	2139	0.4	-75.4709	35.6508	NC
1996	-2.3	-75.4882	35.7136	NC	2068	-2.5	-75.4776	35.6821	NC	2140	0.3	-75.4709	35.6503	NC
1997	-2.3	-75.4881	35.7131	NC	2069	-2.2	-75.4774	35.6816	NC	2141	0	-75.4708	35.6498	NC
1998	-2.3	-75.4879	35.7127	NC	2070	-2.4	-75.4773	35.6811	NC	2142	-0.1	-75.4707	35.6494	NC
1999	-2.4	-75.4877	35.7122	NC	2071	-2.4	-75.4772	35.6807	NC	2143	-0.1	-75.4706	35.6489	NC
2000	-2.2	-75.4876	35.7118	NC	2072	-2.2	-75.477	35.6802	NC	2144	-0.2	-75.4705	35.6485	NC
2001	-2.4	-75.4874	35.7113	NC	2073	-2.2	-75.4769	35.6798	NC	2145	-0.2	-75.4704	35.648	NC
2002	-2.4	-75.4873	35.7109	NC	2074	-2.1	-75.4768	35.6793	NC	2146	0	-75.4704	35.6476	NC
2003	-2.4	-75.4871	35.7104	NC	2075	-1.9	-75.4767	35.6789	NC	2147	-0.3	-75.4703	35.6471	NC
2004	-2.3	-75.4869	35.71	NC	2076	-2	-75.4765	35.6784	NC	2148	-0.4	-75.4702	35.6467	NC
2005	-2.2	-75.4868	35.7096	NC	2077	-1.8	-75.4764	35.678	NC	2149	-0.4	-75.4701	35.6462	NC
2006	-2.1	-75.4866	35.7091	NC	2078	-1.6	-75.4763	35.6775	NC	2150	-0.3	-75.47	35.6457	NC
2007	-2	-75.4865	35.7087	NC	2079	-1.6	-75.4761	35.6771	NC	2151	-0.4	-75.4699	35.6453	NC
2008	-1.7	-75.4863	35.7082	NC	2080	-1.6	-75.476	35.6766	NC	2152	-0.4	-75.4699	35.6448	NC
2009	-1.8	-75.4861	35.7078	NC	2081	-1.8	-75.4759	35.6762	NC	2153	-1	-75.4679	35.6446	NC
2010	-1.8	-75.486	35.7073	NC	2082	-1.7	-75.4757	35.6757	NC	2154	-0.6	-75.4698	35.6444	NC
2011	-1.5	-75.4858	35.7069	NC	2083	-1.6	-75.4756	35.6753	NC	2155	-1	-75.4678	35.6442	NC
2012	-1.4	-75.4856	35.7064	NC	2084	-1.5	-75.4755	35.6748	NC	2156	-0.8	-75.4697	35.6439	NC
2013	-1.4	-75.4855	35.706	NC	2085	-1.8	-75.4753	35.6744	NC	2157	-1.1	-75.4677	35.6437	NC
2014	-1.5	-75.4853	35.7056	NC	2086	-2.1	-75.4752	35.6739	NC	2158	-0.8	-75.4696	35.6435	NC
2015	-1.3	-75.4852	35.7051	NC	2087	-1	-75.4751	35.6735	NC	2159	-0.9	-75.4675	35.6433	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2160	-0.8	-75.4695	35.643	NC	2232	-4.3	-75.4578	35.6113	NC	2304	-2.5	-75.4561	35.5779	NC
2161	-0.6	-75.4674	35.6428	NC	2233	-4.3	-75.4577	35.6108	NC	2305	-2.7	-75.4561	35.5775	NC
2162	-0.8	-75.4673	35.6424	NC	2234	-4.4	-75.4577	35.6103	NC	2306	-2.8	-75.4562	35.577	NC
2163	-0.9	-75.4672	35.6419	NC	2235	-4.6	-75.4576	35.6099	NC	2307	-2.8	-75.4562	35.5765	NC
2164	-1	-75.4671	35.6415	NC	2236	-4.7	-75.4576	35.6094	NC	2308	-2.9	-75.4562	35.5761	NC
2165	-1.1	-75.467	35.641	NC	2237	-4.5	-75.4575	35.6089	NC	2309	-2.8	-75.4563	35.5756	NC
2166	-1.1	-75.4668	35.6406	NC	2238	-4.6	-75.4575	35.6085	NC	2310	-2.5	-75.4563	35.5751	NC
2167	-1.2	-75.4667	35.6401	NC	2239	-4.6	-75.4575	35.608	NC	2311	-2.5	-75.4564	35.5747	NC
2168	-1.3	-75.4666	35.6397	NC	2240	-4.6	-75.4574	35.6075	NC	2312	-2.3	-75.4564	35.5742	NC
2169	-1.6	-75.4665	35.6392	NC	2241	-4.6	-75.4574	35.6071	NC	2313	-2.6	-75.4565	35.5738	NC
2170	-1.8	-75.4664	35.6388	NC	2242	-4.5	-75.4573	35.6066	NC	2314	-2.8	-75.4565	35.5733	NC
2171	-1.5	-75.4662	35.6383	NC	2243	-4.9	-75.4573	35.6061	NC	2315	-2.9	-75.4565	35.5728	NC
2172	-1.3	-75.4661	35.6379	NC	2244	-4.8	-75.4572	35.6057	NC	2316	-2.5	-75.4566	35.5724	NC
2173	-1.4	-75.466	35.6374	NC	2245	-5	-75.4572	35.6052	NC	2317	-2.5	-75.4566	35.5719	NC
2174	-1.5	-75.4659	35.637	NC	2246	-5.1	-75.4571	35.6047	NC	2318	-2.2	-75.4567	35.5714	NC
2175	-1.3	-75.4658	35.6365	NC	2247	-5.4	-75.4571	35.6042	NC	2319	-2.1	-75.4567	35.571	NC
2176	-1.2	-75.4657	35.6361	NC	2248	-5.6	-75.4571	35.6038	NC	2320	-1.7	-75.4568	35.5705	NC
2177	-1.2	-75.4655	35.6356	NC	2249	-5.5	-75.457	35.6033	NC	2321	-1.4	-75.4568	35.5701	NC
2178	-1.3	-75.4654	35.6352	NC	2250	-5.5	-75.457	35.6028	NC	2322	-1.1	-75.4568	35.5696	NC
2179	-1.3	-75.4653	35.6347	NC	2251	-5.2	-75.4569	35.6024	NC	2323	-0.9	-75.4569	35.5691	NC
2180	-1.3	-75.4652	35.6343	NC	2252	-5	-75.4569	35.6019	NC	2324	-0.7	-75.4569	35.5687	NC
2181	-1.1	-75.4651	35.6338	NC	2253	-4.8	-75.4568	35.6014	NC	2325	-0.7	-75.457	35.5682	NC
2182	-1.3	-75.4649	35.6334	NC	2254	-4.5	-75.4568	35.601	NC	2326	-0.5	-75.457	35.5677	NC
2183	-1.5	-75.4648	35.6329	NC	2255	-4.5	-75.4567	35.6005	NC	2327	-0.3	-75.4571	35.5673	NC
2184	-1.6	-75.4647	35.6325	NC	2256	-4.1	-75.4567	35.6	NC	2328	0	-75.4571	35.5668	NC
2185	-1.5	-75.4646	35.632	NC	2257	-4	-75.4566	35.5996	NC	2329	0	-75.4571	35.5663	NC
2186	-1.5	-75.4645	35.6316	NC	2258	-4.1	-75.4566	35.5991	NC	2330	0.2	-75.4572	35.5659	NC
2187	-1.5	-75.4644	35.6311	NC	2259	-4.2	-75.4566	35.5986	NC	2331	0.3	-75.4572	35.5654	NC
2188	-1.7	-75.4642	35.6307	NC	2260	-4.1	-75.4565	35.5982	NC	2332	0.4	-75.4573	35.565	NC
2189	-1.5	-75.4641	35.6302	NC	2261	-4.3	-75.4565	35.5977	NC	2333	0.8	-75.4573	35.5645	NC
2190	-1.3	-75.464	35.6298	NC	2262	-4.3	-75.4564	35.5972	NC	2334	0.6	-75.4573	35.564	NC
2191	-1.8	-75.4639	35.6293	NC	2263	-4.1	-75.4564	35.5968	NC	2335	0.5	-75.4574	35.5636	NC
2192	-2.2	-75.4638	35.6289	NC	2264	-3.3	-75.4563	35.5963	NC	2336	0.7	-75.4574	35.5631	NC
2193	-2.2	-75.4636	35.6284	NC	2265	-3.7	-75.4563	35.5958	NC	2337	0.8	-75.4575	35.5626	NC
2194	-2.3	-75.4635	35.628	NC	2266	-3.4	-75.4562	35.5954	NC	2338	0.7	-75.4575	35.5622	NC
2195	-2.1	-75.4634	35.6275	NC	2267	-3.6	-75.4562	35.5949	NC	2339	0.6	-75.4576	35.5617	NC
2196	-2	-75.4633	35.6271	NC	2268	-3.3	-75.4562	35.5944	NC	2340	0.8	-75.4576	35.5612	NC
2197	-2.1	-75.4632	35.6266	NC	2269	-3.1	-75.4561	35.594	NC	2341	0.7	-75.4576	35.5608	NC
2198	-2.1	-75.463	35.6262	NC	2270	-3	-75.4561	35.5935	NC	2342	0.7	-75.4577	35.5603	NC
2199	-1.9	-75.4629	35.6257	NC	2271	-3	-75.456	35.593	NC	2343	0.7	-75.4577	35.5599	NC
2200	-2	-75.4628	35.6253	NC	2272	-3.1	-75.456	35.5926	NC	2344	0.8	-75.4578	35.5594	NC
2201	-1.9	-75.4627	35.6248	NC	2273	-3.1	-75.4559	35.5921	NC	2345	0.5	-75.4578	35.5589	NC
2202	-1.9	-75.4626	35.6244	NC	2274	-3	-75.4559	35.5916	NC	2346	0.4	-75.4579	35.5585	NC
2203	-1.9	-75.4625	35.6239	NC	2275	-3	-75.4558	35.5912	NC	2347	0.6	-75.4579	35.558	NC
2204	-1.9	-75.4623	35.6235	NC	2276	-2.8	-75.4558	35.5907	NC	2348	0.6	-75.4579	35.5575	NC
2205	-2.1	-75.4622	35.623	NC	2277	-2.9	-75.4557	35.5902	NC	2349	0.6	-75.458	35.5571	NC
2206	-2.3	-75.4621	35.6226	NC	2278	-2.9	-75.4557	35.5898	NC	2350	0.7	-75.458	35.5566	NC
2207	-2.4	-75.462	35.6221	NC	2279	-2.8	-75.4557	35.5893	NC	2351	0.7	-75.4581	35.5562	NC
2208	-2.7	-75.4619	35.6217	NC	2280	-2.5	-75.4556	35.5888	NC	2352	0.6	-75.4581	35.5557	NC
2209	-2.6	-75.4617	35.6212	NC	2281	-2.1	-75.4556	35.5883	NC	2353	0.5	-75.4582	35.5552	NC
2210	-2.8	-75.4616	35.6208	NC	2282	-1.8	-75.4555	35.5879	NC	2354	0.7	-75.4582	35.5548	NC
2211	-3	-75.4615	35.6203	NC	2283	-1.7	-75.4555	35.5874	NC	2355	0.7	-75.4582	35.5543	NC
2212	-3.2	-75.4614	35.6199	NC	2284	-1.6	-75.4554	35.5869	NC	2356	0.6	-75.4583	35.5538	NC
2213	-3.4	-75.4613	35.6194	NC	2285	-1.6	-75.4554	35.5865	NC	2357	0.4	-75.4583	35.5534	NC
2214	-3.6	-75.4612	35.619	NC	2286	-1.5	-75.4553	35.586	NC	2358	0.6	-75.4584	35.5529	NC
2215	-4	-75.461	35.6185	NC	2287	-1.1	-75.4553	35.5855	NC	2359	0.4	-75.4584	35.5524	NC
2216	-4.3	-75.4609	35.6181	NC	2288	-0.4	-75.4553	35.5851	NC	2360	0.4	-75.4584	35.552	NC
2217	-4.7	-75.4608	35.6176	NC	2289	-0.4	-75.4552	35.5846	NC	2361	0.4	-75.4585	35.5515	NC
2218	-4.8	-75.4607	35.6172	NC	2290	-0.3	-75.4552	35.5841	NC	2362	0.4	-75.4585	35.5511	NC
2219	-4.9	-75.4606	35.6167	NC	2291	-0.1	-75.4551	35.5837	NC	2363	0.4	-75.4586	35.5506	NC
2220	-4.9	-75.4604	35.6163	NC	2292	0	-75.4551	35.5832	NC	2364	0.3	-75.4586	35.5501	NC
2221	-4.7	-75.4603	35.6158	NC	2293	0.1	-75.455	35.5827	NC	2365	0.2	-75.4587	35.5497	NC
2222	-4.7	-75.4602	35.6154	NC	2294	0	-75.455	35.5823	NC	2366	0.3	-75.4587	35.5492	NC
2223	-4.5	-75.4601	35.6149	NC	2295	-0.8	-75.4549	35.5818	NC	2367	-0.1	-75.4598	35.5487	NC
2224	-4.4	-75.46	35.6145	NC	2296	-1	-75.4549	35.5813	NC	2368	-0.1	-75.4599	35.5482	NC
2225	-4.5	-75.4599	35.614	NC	2297	-1.3	-75.4548	35.5809	NC	2369	-0.2	-75.46	35.5478	NC
2226	-4.8	-75.458	35.6136	NC	2298	-1.6	-75.4548	35.5804	NC	2370	-0.1	-75.4601	35.5473	NC
2227	-4.5	-75.4597	35.6136	NC	2299	-1.4	-75.4559	35.5802	NC	2371	-0.1	-75.4602	35.5468	NC
2228	-4.5	-75.458	35.6131	NC	2300	-1.5	-75.4559	35.5798	NC	2372	0	-75.4604	35.5464	NC
2229	-4.4	-75.4579	35.6127	NC	2301	-1.6	-75.456	35.5793	NC	2373	-0.1	-75.4605	35.5459	NC
2230	-4.3	-75.4579	35.6122	NC	2302	-1.9	-75.456	35.5789	NC	2374	-0.1	-75.4606	35.5455	NC
2231	-4.1	-75.4578	35.6117	NC	2303	-2.3	-75.456	35.5784	NC	2375	-0.1	-75.4607	35.545	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2376	-0.1	-75.4608	35.5446	NC	2448	1.6	-75.4687	35.5148	NC	2520	0.2	-75.4741	35.4837	NC
2377	-0.1	-75.4609	35.5441	NC	2449	1.5	-75.4688	35.5144	NC	2521	0.2	-75.4741	35.4832	NC
2378	0	-75.4611	35.5437	NC	2450	1.5	-75.4689	35.5139	NC	2522	0	-75.4742	35.4828	NC
2379	1	-75.4612	35.5432	NC	2451	1.5	-75.469	35.5135	NC	2523	-0.1	-75.4742	35.4823	NC
2380	0.8	-75.4613	35.5427	NC	2452	1.7	-75.4691	35.513	NC	2524	-0.1	-75.4743	35.4818	NC
2381	0.8	-75.4614	35.5423	NC	2453	1.6	-75.4692	35.5126	NC	2525	0	-75.4743	35.4814	NC
2382	0.8	-75.4615	35.5418	NC	2454	1.7	-75.4693	35.5121	NC	2526	0.1	-75.4744	35.4809	NC
2383	1	-75.4616	35.5414	NC	2455	1.9	-75.4694	35.5116	NC	2527	-0.1	-75.4745	35.4804	NC
2384	1.2	-75.4618	35.5409	NC	2456	2	-75.4695	35.5112	NC	2528	-0.3	-75.4745	35.48	NC
2385	1.1	-75.4619	35.5405	NC	2457	1.5	-75.4696	35.5107	NC	2529	-0.4	-75.4746	35.4795	NC
2386	0.9	-75.462	35.54	NC	2458	1	-75.4697	35.5103	NC	2530	-0.4	-75.4746	35.4791	NC
2387	0.7	-75.4621	35.5395	NC	2459	0.9	-75.4698	35.5098	NC	2531	-0.1	-75.4747	35.4786	NC
2388	0.6	-75.4622	35.5391	NC	2460	0.8	-75.4699	35.5094	NC	2532	0	-75.4747	35.4781	NC
2389	0.9	-75.4623	35.5386	NC	2461	0.7	-75.47	35.5089	NC	2533	-0.1	-75.4748	35.4777	NC
2390	1	-75.4625	35.5382	NC	2462	0.7	-75.4701	35.5084	NC	2534	-0.3	-75.4748	35.4772	NC
2391	1.1	-75.4626	35.5377	NC	2463	0.5	-75.4702	35.508	NC	2535	-0.3	-75.4749	35.4767	NC
2392	1.2	-75.4627	35.5373	NC	2464	0.3	-75.4703	35.5075	NC	2536	-0.2	-75.475	35.4763	NC
2393	1.1	-75.4628	35.5368	NC	2465	0.3	-75.4704	35.5071	NC	2537	-0.3	-75.475	35.4758	NC
2394	1.4	-75.4629	35.5364	NC	2466	0.5	-75.4705	35.5066	NC	2538	-0.6	-75.4751	35.4753	NC
2395	1	-75.463	35.5359	NC	2467	0.3	-75.4706	35.5062	NC	2539	-0.5	-75.4751	35.4749	NC
2396	0.7	-75.4632	35.5354	NC	2468	0.5	-75.4707	35.5057	NC	2540	-0.4	-75.4752	35.4744	NC
2397	1.1	-75.4633	35.535	NC	2469	0.4	-75.4708	35.5052	NC	2541	-0.3	-75.4752	35.4739	NC
2398	1.4	-75.4634	35.5345	NC	2470	0.2	-75.4709	35.5048	NC	2542	-0.2	-75.4753	35.4735	NC
2399	1.4	-75.4635	35.5341	NC	2471	0.1	-75.4709	35.5043	NC	2543	-0.5	-75.4754	35.473	NC
2400	1.5	-75.4636	35.5336	NC	2472	0.1	-75.471	35.5039	NC	2544	-0.8	-75.4754	35.4725	NC
2401	2	-75.4637	35.5332	NC	2473	0.2	-75.4711	35.5034	NC	2545	-0.7	-75.4755	35.4721	NC
2402	2.4	-75.4639	35.5327	NC	2474	0.1	-75.4712	35.5029	NC	2546	-0.7	-75.4755	35.4716	NC
2403	2.4	-75.464	35.5322	NC	2475	0.1	-75.4713	35.5025	NC	2547	-0.6	-75.4756	35.4711	NC
2404	2.2	-75.4641	35.5318	NC	2476	0.2	-75.4714	35.502	NC	2548	-0.6	-75.4756	35.4707	NC
2405	2.3	-75.4642	35.5313	NC	2477	-0.1	-75.4715	35.5016	NC	2549	-0.7	-75.4757	35.4702	NC
2406	2.5	-75.4643	35.5309	NC	2478	-0.1	-75.4716	35.5011	NC	2550	-1	-75.4757	35.4698	NC
2407	2.6	-75.4644	35.5304	NC	2479	-0.3	-75.4717	35.5007	NC	2551	-0.9	-75.4758	35.4693	NC
2408	2.8	-75.4646	35.53	NC	2480	-0.5	-75.4718	35.5002	NC	2552	-0.8	-75.4759	35.4688	NC
2409	3	-75.4647	35.5295	NC	2481	-0.6	-75.4719	35.4997	NC	2553	-0.9	-75.4759	35.4684	NC
2410	3.3	-75.4648	35.5291	NC	2482	-0.7	-75.472	35.4993	NC	2554	-0.7	-75.476	35.4679	NC
2411	3.4	-75.4649	35.5286	NC	2483	-0.8	-75.4721	35.4988	NC	2555	-0.7	-75.476	35.4674	NC
2412	3.3	-75.465	35.5281	NC	2484	-1	-75.4722	35.4984	NC	2556	-0.5	-75.4761	35.467	NC
2413	3.2	-75.4651	35.5277	NC	2485	-0.9	-75.4723	35.4979	NC	2557	-0.7	-75.4761	35.4665	NC
2414	3.2	-75.4653	35.5272	NC	2486	-0.8	-75.4724	35.4975	NC	2558	-0.7	-75.4762	35.466	NC
2415	3.1	-75.4654	35.5268	NC	2487	-0.8	-75.4725	35.497	NC	2559	-0.7	-75.4763	35.4656	NC
2416	2.9	-75.4655	35.5263	NC	2488	-0.7	-75.4726	35.4965	NC	2560	-0.7	-75.4763	35.4651	NC
2417	2.8	-75.4656	35.5259	NC	2489	-0.6	-75.4727	35.4961	NC	2561	-0.7	-75.4764	35.4646	NC
2418	2.8	-75.4657	35.5254	NC	2490	-0.6	-75.4728	35.4956	NC	2562	-0.6	-75.4764	35.4642	NC
2419	3	-75.4658	35.5249	NC	2491	-0.4	-75.4729	35.4952	NC	2563	-0.6	-75.4765	35.4637	NC
2420	3.4	-75.466	35.5245	NC	2492	0	-75.473	35.4947	NC	2564	-0.7	-75.4765	35.4632	NC
2421	3.5	-75.4661	35.524	NC	2493	-0.1	-75.4731	35.4943	NC	2565	-0.7	-75.4766	35.4628	NC
2422	3.3	-75.4662	35.5236	NC	2494	-0.2	-75.4732	35.4938	NC	2566	-0.5	-75.4766	35.4623	NC
2423	3.5	-75.4663	35.5231	NC	2495	-0.2	-75.4733	35.4933	NC	2567	-0.5	-75.4764	35.4619	NC
2424	2.1	-75.4664	35.5227	NC	2496	-0.3	-75.4734	35.4929	NC	2568	-0.6	-75.4767	35.4619	NC
2425	2.3	-75.4665	35.5222	NC	2497	0	-75.4735	35.4924	NC	2569	-0.4	-75.4764	35.4614	NC
2426	2.4	-75.4667	35.5218	NC	2498	0.2	-75.4736	35.492	NC	2570	-0.6	-75.4768	35.4614	NC
2427	2.6	-75.4668	35.5213	NC	2499	0.4	-75.4731	35.4916	NC	2571	-0.5	-75.4765	35.461	NC
2428	3.4	-75.4674	35.5208	NC	2500	0.1	-75.4737	35.4915	NC	2572	-0.6	-75.4768	35.4609	NC
2429	2.8	-75.4669	35.5208	NC	2501	0.5	-75.4732	35.4911	NC	2573	-0.3	-75.4765	35.4605	NC
2430	2.7	-75.467	35.5204	NC	2502	0.3	-75.4738	35.491	NC	2574	-0.5	-75.4769	35.4605	NC
2431	3.3	-75.4675	35.5203	NC	2503	0.7	-75.4732	35.4907	NC	2575	-0.5	-75.4766	35.46	NC
2432	3.2	-75.4676	35.5199	NC	2504	0.2	-75.4739	35.4906	NC	2576	-0.6	-75.4766	35.4596	NC
2433	2.6	-75.4671	35.5199	NC	2505	0.7	-75.4733	35.4902	NC	2577	-0.8	-75.4766	35.4591	NC
2434	2.7	-75.4672	35.5195	NC	2506	0.4	-75.474	35.4901	NC	2578	-1.2	-75.4767	35.4586	NC
2435	2.9	-75.4677	35.5194	NC	2507	0.8	-75.4733	35.4897	NC	2579	-0.9	-75.4767	35.4582	NC
2436	2.6	-75.4678	35.519	NC	2508	0.9	-75.4734	35.4893	NC	2580	-1	-75.4768	35.4577	NC
2437	2.5	-75.4674	35.519	NC	2509	0.8	-75.4734	35.4888	NC	2581	-1	-75.4768	35.4573	NC
2438	2.3	-75.4675	35.5186	NC	2510	0.7	-75.4735	35.4883	NC	2582	-0.9	-75.4768	35.4568	NC
2439	2.4	-75.4679	35.5185	NC	2511	0.7	-75.4736	35.4879	NC	2583	-1.1	-75.4769	35.4563	NC
2440	2.1	-75.468	35.5181	NC	2512	0.8	-75.4736	35.4874	NC	2584	-1	-75.4769	35.4559	NC
2441	2	-75.4676	35.5181	NC	2513	0.8	-75.4737	35.487	NC	2585	-1	-75.477	35.4554	NC
2442	1.8	-75.4681	35.5176	NC	2514	0.8	-75.4737	35.4865	NC	2586	-0.9	-75.477	35.4549	NC
2443	1.8	-75.4682	35.5171	NC	2515	0.7	-75.4738	35.486	NC	2587	-0.9	-75.477	35.4545	NC
2444	1.8	-75.4683	35.5167	NC	2516	0.6	-75.4738	35.4856	NC	2588	-0.9	-75.4771	35.454	NC
2445	1.6	-75.4684	35.5162	NC	2517	0.5	-75.4739	35.4851	NC	2589	-0.9	-75.4771	35.4535	NC
2446	1.5	-75.4685	35.5158	NC	2518	0.3	-75.4739	35.4846	NC	2590	-1.1	-75.4771	35.4531	NC
2447	1.6	-75.4686	35.5153	NC	2519	0.2	-75.474	35.4842	NC	2591	-1.1	-75.4772	35.4526	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2592	-1.2	-75.4772	35.4521	NC	2664	0.5	-75.4803	35.4205	NC	2736	2	-75.4847	35.3868	NC
2593	-1.2	-75.4773	35.4517	NC	2665	0.4	-75.4803	35.4201	NC	2737	1.3	-75.4849	35.3863	NC
2594	-1.2	-75.4773	35.4512	NC	2666	0.2	-75.4803	35.4196	NC	2738	0.8	-75.485	35.3859	NC
2595	-1.3	-75.4773	35.4507	NC	2667	0.1	-75.4803	35.4192	NC	2739	0.7	-75.4852	35.3854	NC
2596	-1.1	-75.4774	35.4503	NC	2668	-0.1	-75.4804	35.4187	NC	2740	0.6	-75.4853	35.385	NC
2597	-1.4	-75.4774	35.4498	NC	2669	-0.1	-75.4804	35.4182	NC	2741	0.6	-75.4854	35.3845	NC
2598	-1.4	-75.4775	35.4494	NC	2670	-0.1	-75.4804	35.4178	NC	2742	0.6	-75.4856	35.3841	NC
2599	-1.5	-75.4775	35.4489	NC	2671	-0.1	-75.4804	35.4173	NC	2743	0.3	-75.4857	35.3836	NC
2600	-1.4	-75.4775	35.4484	NC	2672	0	-75.4804	35.4168	NC	2744	0	-75.4859	35.3832	NC
2601	-1.2	-75.4776	35.448	NC	2673	-0.2	-75.4804	35.4164	NC	2745	0	-75.486	35.3827	NC
2602	-1.1	-75.4776	35.4475	NC	2674	-0.4	-75.4805	35.4159	NC	2746	0.1	-75.4862	35.3823	NC
2603	-1.2	-75.4777	35.447	NC	2675	-0.7	-75.4805	35.4154	NC	2747	0.1	-75.4863	35.3818	NC
2604	-1.1	-75.4777	35.4466	NC	2676	-1.1	-75.4805	35.415	NC	2748	0.1	-75.4865	35.3814	NC
2605	-1.3	-75.4777	35.4461	NC	2677	-1.1	-75.4805	35.4145	NC	2749	0.2	-75.4866	35.3809	NC
2606	-1.5	-75.4778	35.4456	NC	2678	-1.2	-75.4805	35.4141	NC	2750	0.5	-75.4867	35.3805	NC
2607	-1.4	-75.4778	35.4452	NC	2679	-1.2	-75.4805	35.4136	NC	2751	0.3	-75.4869	35.38	NC
2608	-1.3	-75.4779	35.4447	NC	2680	-1.1	-75.4806	35.4131	NC	2752	0.2	-75.487	35.3796	NC
2609	-1.3	-75.4779	35.4442	NC	2681	-1.1	-75.4806	35.4127	NC	2753	0.5	-75.4872	35.3791	NC
2610	-1.2	-75.4779	35.4438	NC	2682	-1.1	-75.4806	35.4122	NC	2754	0.5	-75.4873	35.3787	NC
2611	-1.3	-75.478	35.4433	NC	2683	-1.1	-75.4806	35.4117	NC	2755	0.6	-75.4875	35.3782	NC
2612	-1.2	-75.478	35.4428	NC	2684	-1	-75.4806	35.4113	NC	2756	0.8	-75.4876	35.3778	NC
2613	-1.3	-75.4781	35.4424	NC	2685	-1.2	-75.4806	35.4108	NC	2757	1.3	-75.4878	35.3773	NC
2614	-1.1	-75.4781	35.4419	NC	2686	-1.3	-75.4807	35.4103	NC	2758	1.7	-75.4879	35.3768	NC
2615	-1.1	-75.4781	35.4414	NC	2687	-1.3	-75.4807	35.4099	NC	2759	1.6	-75.4881	35.3764	NC
2616	-1	-75.4782	35.441	NC	2688	-1.4	-75.4807	35.4094	NC	2760	1.3	-75.4882	35.3759	NC
2617	-0.8	-75.4782	35.4405	NC	2689	-1.1	-75.4807	35.409	NC	2761	1.3	-75.4883	35.3755	NC
2618	-0.6	-75.4783	35.4401	NC	2690	-0.9	-75.4807	35.4085	NC	2762	1.2	-75.4885	35.375	NC
2619	-0.4	-75.4783	35.4396	NC	2691	-0.9	-75.4807	35.408	NC	2763	1.1	-75.4886	35.3746	NC
2620	-0.3	-75.4783	35.4391	NC	2692	-0.9	-75.4808	35.4076	NC	2764	0.8	-75.4888	35.3741	NC
2621	-0.5	-75.4784	35.4387	NC	2693	-1	-75.4808	35.4071	NC	2765	0.7	-75.4889	35.3737	NC
2622	-0.7	-75.4784	35.4382	NC	2694	-1	-75.4808	35.4066	NC	2766	0.5	-75.4891	35.3732	NC
2623	-0.8	-75.4785	35.4377	NC	2695	-1.1	-75.4808	35.4062	NC	2767	0.4	-75.4892	35.3728	NC
2624	-0.7	-75.4785	35.4373	NC	2696	-1.3	-75.4808	35.4057	NC	2768	0.1	-75.4894	35.3723	NC
2625	-0.8	-75.4785	35.4368	NC	2697	-1.1	-75.4808	35.4053	NC	2769	0.1	-75.4895	35.3719	NC
2626	-0.9	-75.4786	35.4363	NC	2698	-0.8	-75.4809	35.4048	NC	2770	0.1	-75.4896	35.3714	NC
2627	-0.8	-75.4786	35.4359	NC	2699	-0.7	-75.4809	35.4043	NC	2771	0	-75.4898	35.371	NC
2628	-0.7	-75.4786	35.4354	NC	2700	-0.5	-75.4809	35.4039	NC	2772	0.3	-75.4899	35.3705	NC
2629	-0.5	-75.4787	35.4349	NC	2701	-0.3	-75.4809	35.4034	NC	2773	0.3	-75.4901	35.3701	NC
2630	-0.4	-75.4787	35.4345	NC	2702	-0.3	-75.4809	35.4029	NC	2774	0.3	-75.4902	35.3696	NC
2631	-0.3	-75.4788	35.434	NC	2703	-0.2	-75.4809	35.4025	NC	2775	0.2	-75.4904	35.3692	NC
2632	-0.2	-75.4788	35.4335	NC	2704	0	-75.481	35.402	NC	2776	0.4	-75.4905	35.3687	NC
2633	-0.3	-75.4788	35.4331	NC	2705	-0.3	-75.481	35.4015	NC	2777	0.5	-75.4907	35.3683	NC
2634	-0.4	-75.4789	35.4326	NC	2706	-0.3	-75.481	35.4011	NC	2778	0.8	-75.4917	35.3678	NC
2635	-0.2	-75.4789	35.4322	NC	2707	-0.3	-75.481	35.4006	NC	2779	0.5	-75.4908	35.3678	NC
2636	-0.2	-75.479	35.4317	NC	2708	-0.4	-75.481	35.4002	NC	2780	0.6	-75.491	35.3674	NC
2637	0.1	-75.4799	35.4312	NC	2709	-0.2	-75.481	35.3997	NC	2781	0.8	-75.4918	35.3673	NC
2638	-0.2	-75.479	35.4312	NC	2710	0	-75.4811	35.3992	NC	2782	0.6	-75.4919	35.3669	NC
2639	-0.3	-75.479	35.4308	NC	2711	0.2	-75.4811	35.3981	NC	2783	0.9	-75.4911	35.3669	NC
2640	0	-75.4799	35.4307	NC	2712	0.6	-75.4812	35.3976	NC	2784	0.5	-75.492	35.3664	NC
2641	0	-75.4799	35.4303	NC	2713	0.6	-75.4814	35.3972	NC	2785	0.5	-75.4921	35.3659	NC
2642	-0.2	-75.4791	35.4303	NC	2714	0.6	-75.4815	35.3967	NC	2786	0.6	-75.4922	35.3655	NC
2643	-0.1	-75.48	35.4298	NC	2715	0.5	-75.4817	35.3963	NC	2787	0.6	-75.4923	35.365	NC
2644	-0.2	-75.4791	35.4298	NC	2716	0.8	-75.4818	35.3958	NC	2788	0.9	-75.4924	35.3646	NC
2645	-0.3	-75.48	35.4293	NC	2717	0.8	-75.482	35.3954	NC	2789	0.7	-75.4926	35.3641	NC
2646	-0.5	-75.48	35.4289	NC	2718	0.8	-75.4821	35.3949	NC	2790	0.7	-75.4927	35.3637	NC
2647	-0.3	-75.48	35.4284	NC	2719	0.8	-75.4823	35.3945	NC	2791	0.7	-75.4928	35.3632	NC
2648	-0.1	-75.48	35.428	NC	2720	0.9	-75.4824	35.394	NC	2792	0.7	-75.4929	35.3628	NC
2649	0	-75.48	35.4275	NC	2721	0.9	-75.4825	35.3936	NC	2793	0.8	-75.493	35.3623	NC
2650	0	-75.4801	35.427	NC	2722	1.1	-75.4827	35.3931	NC	2794	0.8	-75.4931	35.3618	NC
2651	-0.2	-75.4801	35.4266	NC	2723	1.1	-75.4828	35.3927	NC	2795	0.9	-75.4932	35.3614	NC
2652	-0.1	-75.4801	35.4261	NC	2724	1.4	-75.483	35.3922	NC	2796	0.9	-75.4933	35.3609	NC
2653	0.1	-75.4801	35.4256	NC	2725	1.7	-75.4831	35.3918	NC	2797	0.8	-75.4934	35.3605	NC
2654	0.2	-75.4801	35.4252	NC	2726	1.9	-75.4833	35.3913	NC	2798	0.5	-75.4935	35.36	NC
2655	0	-75.4801	35.4247	NC	2727	2.2	-75.4834	35.3909	NC	2799	0	-75.4936	35.3596	NC
2656	0.1	-75.4802	35.4242	NC	2728	2.1	-75.4836	35.3904	NC	2800	0	-75.4937	35.3591	NC
2657	0	-75.4802	35.4238	NC	2729	2.3	-75.4837	35.39	NC	2801	-0.1	-75.4938	35.3586	NC
2658	-0.2	-75.4802	35.4233	NC	2730	2.6	-75.4838	35.3895	NC	2802	-0.1	-75.4939	35.3582	NC
2659	-0.3	-75.4802	35.4229	NC	2731	2.5	-75.484	35.3891	NC	2803	0	-75.494	35.3577	NC
2660	-0.3	-75.4802	35.4224	NC	2732	2.5	-75.4841	35.3886	NC	2804	-0.1	-75.4941	35.3573	NC
2661	-0.2	-75.4802	35.4219	NC	2733	2.6	-75.4843	35.3881	NC	2805	-0.3	-75.4942	35.3568	NC
2662	0	-75.4803	35.4215	NC	2734	2.7	-75.4844	35.3877	NC	2806	-0.4	-75.4943	35.3564	NC
2663	0.2	-75.4803	35.421	NC	2735	2.4	-75.4846	35.3872	NC	2807	-0.3	-75.4944	35.3559	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
2808	0	-75.4945	35.3555	NC	2880	-1.3	-75.501	35.3231	NC	2952	-2.5	-75.5071	35.2911	NC
2809	0.1	-75.4946	35.355	NC	2881	-1.2	-75.5012	35.3226	NC	2953	-2.8	-75.5072	35.2907	NC
2810	0.4	-75.4947	35.3545	NC	2882	-1.2	-75.5013	35.3222	NC	2954	-2.8	-75.5073	35.2902	NC
2811	0.4	-75.4948	35.3541	NC	2883	-1	-75.5014	35.3217	NC	2955	-2.8	-75.5074	35.2898	NC
2812	0.6	-75.4949	35.3536	NC	2884	-0.7	-75.5015	35.3213	NC	2956	-2.9	-75.5075	35.2893	NC
2813	0.8	-75.4951	35.3532	NC	2885	-0.9	-75.5016	35.3208	NC	2957	-2.8	-75.5075	35.2888	NC
2814	0.9	-75.4952	35.3527	NC	2886	-1	-75.5018	35.3203	NC	2958	-2.9	-75.5076	35.2884	NC
2815	0.7	-75.4953	35.3523	NC	2887	-1.1	-75.5019	35.3199	NC	2959	-3	-75.5077	35.2879	NC
2816	0.6	-75.4954	35.3518	NC	2888	-1.1	-75.502	35.3194	NC	2960	-2.9	-75.5078	35.2875	NC
2817	0.5	-75.4955	35.3513	NC	2889	-0.9	-75.5021	35.319	NC	2961	-2.8	-75.5079	35.287	NC
2818	0.1	-75.4956	35.3509	NC	2890	-0.6	-75.5022	35.3185	NC	2962	-3.2	-75.508	35.2865	NC
2819	0	-75.4957	35.3504	NC	2891	-0.6	-75.5023	35.3181	NC	2963	-3.4	-75.5081	35.2861	NC
2820	-0.1	-75.4958	35.35	NC	2892	-0.6	-75.5025	35.3176	NC	2964	-3.4	-75.5082	35.2856	NC
2821	0.1	-75.4959	35.3495	NC	2893	-0.8	-75.5026	35.3172	NC	2965	-3.2	-75.5082	35.2852	NC
2822	0.2	-75.496	35.3491	NC	2894	-0.7	-75.5027	35.3167	NC	2966	-3.1	-75.5083	35.2847	NC
2823	-0.3	-75.4961	35.3486	NC	2895	-0.8	-75.5028	35.3163	NC	2967	-3.3	-75.5084	35.2842	NC
2824	-0.6	-75.4962	35.3482	NC	2896	-0.7	-75.5029	35.3158	NC	2968	-3.3	-75.5085	35.2838	NC
2825	-0.7	-75.4963	35.3477	NC	2897	-0.7	-75.5031	35.3153	NC	2969	-3.2	-75.5086	35.2833	NC
2826	-0.6	-75.4964	35.3472	NC	2898	-0.8	-75.5032	35.3149	NC	2970	-3.3	-75.5087	35.2828	NC
2827	-0.7	-75.4965	35.3468	NC	2899	-0.7	-75.5033	35.3144	NC	2971	-3.3	-75.5088	35.2824	NC
2828	-0.6	-75.4966	35.3463	NC	2900	-0.6	-75.5034	35.314	NC	2972	-3.3	-75.5089	35.2819	NC
2829	-0.7	-75.4967	35.3459	NC	2901	-0.7	-75.5035	35.3135	NC	2973	-3.1	-75.5089	35.2815	NC
2830	-0.9	-75.4968	35.3454	NC	2902	-0.7	-75.5036	35.3131	NC	2974	-3.2	-75.509	35.281	NC
2831	-1	-75.4969	35.345	NC	2903	-0.7	-75.5038	35.3126	NC	2975	-3	-75.5091	35.2805	NC
2832	-1.1	-75.497	35.3445	NC	2904	-1	-75.5039	35.3122	NC	2976	-2.8	-75.5092	35.2801	NC
2833	-0.9	-75.4971	35.344	NC	2905	-1.2	-75.504	35.3117	NC	2977	-2.8	-75.5093	35.2796	NC
2834	-0.9	-75.4972	35.3436	NC	2906	-1.5	-75.5041	35.3112	NC	2978	-2.7	-75.5094	35.2792	NC
2835	-0.9	-75.4973	35.3431	NC	2907	-1.2	-75.5042	35.3108	NC	2979	-2.6	-75.5094	35.2789	NC
2836	-0.8	-75.4974	35.3427	NC	2908	-1	-75.5044	35.3103	NC	2980	-2.9	-75.5095	35.2787	NC
2837	-0.7	-75.4976	35.3422	NC	2909	-1.1	-75.5045	35.3099	NC	2981	-2.7	-75.5095	35.2785	NC
2838	-0.6	-75.4977	35.3418	NC	2910	-1.2	-75.5046	35.3094	NC	2982	-3	-75.5096	35.2782	NC
2839	-0.6	-75.4978	35.3413	NC	2911	-1.1	-75.5047	35.309	NC	2983	-2.8	-75.5096	35.278	NC
2840	-0.5	-75.4979	35.3409	NC	2912	-1.3	-75.5048	35.3085	NC	2984	-3	-75.5096	35.2778	NC
2841	-0.9	-75.498	35.3404	NC	2913	-1.2	-75.5049	35.3081	NC	2985	-2.9	-75.5097	35.2776	NC
2842	-1.3	-75.4981	35.3399	NC	2914	-1.5	-75.5051	35.3076	NC	2986	-3	-75.5097	35.2773	NC
2843	-1.6	-75.4982	35.3395	NC	2915	-1.4	-75.504	35.3073	NC	2987	-2.8	-75.5098	35.2771	NC
2844	-1.8	-75.4969	35.339	NC	2916	-1.3	-75.5052	35.3072	NC	2988	-3.1	-75.5098	35.2769	NC
2845	-1.7	-75.4983	35.339	NC	2917	-1.6	-75.5041	35.3068	NC	2989	-2.9	-75.5099	35.2767	NC
2846	-1.8	-75.497	35.3385	NC	2918	-1.4	-75.5053	35.3067	NC	2990	-3.2	-75.5099	35.2764	NC
2847	-1.7	-75.4971	35.3381	NC	2919	-1.7	-75.5042	35.3063	NC	2991	-3.1	-75.51	35.2762	NC
2848	-1.6	-75.4973	35.3376	NC	2920	-2	-75.5043	35.3059	NC	2992	-3.2	-75.5101	35.2757	NC
2849	-1.8	-75.4974	35.3372	NC	2921	-2.1	-75.5044	35.3054	NC	2993	-3.3	-75.5102	35.2753	NC
2850	-1.8	-75.4975	35.3367	NC	2922	-2.5	-75.5045	35.305	NC	2994	-3.2	-75.5103	35.2748	NC
2851	-1.8	-75.4976	35.3363	NC	2923	-2.4	-75.5046	35.3045	NC	2995	-3.2	-75.5104	35.2744	NC
2852	-1.6	-75.4977	35.3358	NC	2924	-2.1	-75.5047	35.304	NC	2996	-3	-75.5105	35.2739	NC
2853	-1.4	-75.4978	35.3354	NC	2925	-2.3	-75.5047	35.3036	NC	2997	-3	-75.5106	35.2734	NC
2854	-1.4	-75.498	35.3349	NC	2926	-2.3	-75.5048	35.3031	NC	2998	-2.9	-75.5107	35.273	NC
2855	-1.4	-75.4981	35.3345	NC	2927	-2.4	-75.5049	35.3027	NC	2999	-2.8	-75.5108	35.2725	NC
2856	-1.2	-75.4982	35.334	NC	2928	-2.3	-75.505	35.3022	NC	3000	-2.5	-75.5109	35.2721	NC
2857	-1.2	-75.4983	35.3335	NC	2929	-2.3	-75.5051	35.3017	NC	3001	-2.4	-75.511	35.2716	NC
2858	-1.3	-75.4984	35.3331	NC	2930	-2.4	-75.5052	35.3013	NC	3002	-2.4	-75.5111	35.2712	NC
2859	-1.3	-75.4986	35.3326	NC	2931	-2.4	-75.5053	35.3008	NC	3003	-2.4	-75.5112	35.2707	NC
2860	-1	-75.4987	35.3322	NC	2932	-2.6	-75.5054	35.3003	NC	3004	-2.5	-75.5113	35.2702	NC
2861	-1.3	-75.4988	35.3317	NC	2933	-2.6	-75.5054	35.2999	NC	3005	-2.6	-75.5114	35.2698	NC
2862	-1.6	-75.4989	35.3313	NC	2934	-2.6	-75.5055	35.2994	NC	3006	-2.4	-75.5115	35.2693	NC
2863	-2.2	-75.499	35.3308	NC	2935	-2.4	-75.5056	35.299	NC	3007	-2.3	-75.5116	35.2689	NC
2864	-2.3	-75.4991	35.3304	NC	2936	-2.1	-75.5057	35.2985	NC	3008	-2.5	-75.5117	35.2684	NC
2865	-2.3	-75.4993	35.3299	NC	2937	-2.3	-75.5058	35.298	NC	3009	-2.5	-75.5118	35.268	NC
2866	-2.2	-75.4994	35.3294	NC	2938	-2.2	-75.5059	35.2976	NC	3010	-2.4	-75.5119	35.2675	NC
2867	-2	-75.4995	35.329	NC	2939	-2.2	-75.506	35.2971	NC	3011	-2.4	-75.512	35.267	NC
2868	-1.8	-75.4996	35.3285	NC	2940	-2	-75.5061	35.2967	NC	3012	-2.7	-75.5121	35.2666	NC
2869	-1.7	-75.4997	35.3281	NC	2941	-2	-75.5061	35.2962	NC	3013	-2.8	-75.5122	35.2661	NC
2870	-1.6	-75.4999	35.3276	NC	2942	-2	-75.5062	35.2957	NC	3014	-2.5	-75.5123	35.2657	NC
2871	-1.7	-75.5	35.3272	NC	2943	-2	-75.5063	35.2953	NC	3015	-2.6	-75.5124	35.2652	NC
2872	-1.6	-75.5001	35.3267	NC	2944	-1.9	-75.5064	35.2948	NC	3016	-2.6	-75.5125	35.2648	NC
2873	-1.5	-75.5002	35.3263	NC	2945	-2.1	-75.5065	35.2944	NC	3017	-2.5	-75.5126	35.2643	NC
2874	-1.3	-75.5003	35.3258	NC	2946	-2.1	-75.5066	35.2939	NC	3018	-2.4	-75.5127	35.2638	NC
2875	-1.4	-75.5004	35.3254	NC	2947	-2.3	-75.5067	35.2934	NC	3019	-2.3	-75.5128	35.2634	NC
2876	-1.3	-75.5006	35.3249	NC	2948	-2.6	-75.5068	35.293	NC	3020	-2.1	-75.5129	35.2629	NC
2877	-1.4	-75.5007	35.3244	NC	2949	-2.7	-75.5068	35.2925	NC	3021	-1.9	-75.513	35.2625	NC
2878	-1.5	-75.5008	35.324	NC	2950	-2.8	-75.5069	35.2921	NC	3022	-1.8	-75.5131	35.262	NC
2879	-1.5	-75.5009	35.3235	NC	2951	-2.6	-75.507	35.2916	NC	3023	-1.6	-75.5132	35.2615	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3024	-1.5	-75.5133	35.2611	NC	3096	-1.8	-75.5214	35.2309	NC	3168	0.8	-75.5958	35.2291	NC
3025	-1.4	-75.5134	35.2606	NC	3097	1.4	-75.5613	35.2308	NC	3169	0.7	-75.5953	35.2291	NC
3026	-1.4	-75.5135	35.2602	NC	3098	1.4	-75.5624	35.2308	NC	3170	1.4	-75.5985	35.2291	NC
3027	-1.4	-75.5136	35.2597	NC	3099	1.5	-75.5619	35.2308	NC	3171	-0.9	-75.522	35.2291	NC
3028	-1.2	-75.5137	35.2593	NC	3100	1.4	-75.5641	35.2307	NC	3172	1.2	-75.5991	35.229	NC
3029	-1.1	-75.5138	35.2588	NC	3101	1.6	-75.5636	35.2307	NC	3173	1.2	-75.5996	35.2289	NC
3030	-0.9	-75.5139	35.2583	NC	3102	1.5	-75.563	35.2307	NC	3174	1.5	-75.6002	35.2287	NC
3031	-0.9	-75.514	35.2579	NC	3103	1.5	-75.5647	35.2307	NC	3175	-0.9	-75.5221	35.2287	NC
3032	-0.6	-75.5141	35.2574	NC	3104	1.5	-75.5653	35.2306	NC	3176	1.3	-75.6007	35.2286	NC
3033	-0.7	-75.5142	35.257	NC	3105	1.3	-75.5664	35.2306	NC	3177	1.1	-75.6013	35.2285	NC
3034	-0.9	-75.5143	35.2565	NC	3106	1.3	-75.5658	35.2306	NC	3178	1	-75.6018	35.2284	NC
3035	-0.9	-75.5144	35.2561	NC	3107	1.5	-75.5687	35.2305	NC	3179	0.8	-75.6024	35.2283	NC
3036	-0.8	-75.5145	35.2556	NC	3108	1.5	-75.5681	35.2305	NC	3180	1.1	-75.6029	35.2282	NC
3037	-0.7	-75.5146	35.2551	NC	3109	1.5	-75.5675	35.2305	NC	3181	0.9	-75.6035	35.2281	NC
3038	-1	-75.5147	35.2547	NC	3110	1.3	-75.567	35.2305	NC	3182	0.7	-75.604	35.228	NC
3039	-1.1	-75.5148	35.2542	NC	3111	-1.5	-75.5216	35.2305	NC	3183	0.6	-75.6046	35.2279	NC
3040	-1.1	-75.5149	35.2538	NC	3112	1.4	-75.5709	35.2304	NC	3184	0.6	-75.6051	35.2278	NC
3041	-1	-75.515	35.2533	NC	3113	1.5	-75.5704	35.2304	NC	3185	0.6	-75.6057	35.2277	NC
3042	-1.6	-75.5151	35.2529	NC	3114	1.6	-75.5698	35.2304	NC	3186	0.6	-75.6062	35.2276	NC
3043	-1.9	-75.5152	35.2524	NC	3115	1.5	-75.5692	35.2304	NC	3187	0.3	-75.6068	35.2275	NC
3044	-2.2	-75.5153	35.2519	NC	3116	1.5	-75.5721	35.2303	NC	3188	0.2	-75.6073	35.2274	NC
3045	-2.6	-75.5154	35.2515	NC	3117	1.6	-75.5715	35.2303	NC	3189	0.1	-75.6079	35.2273	NC
3046	-2.9	-75.5155	35.251	NC	3118	1.4	-75.5726	35.2303	NC	3190	0.2	-75.6085	35.2272	NC
3047	-3.5	-75.5156	35.2506	NC	3119	1.1	-75.5749	35.2302	NC	3191	0.3	-75.609	35.2271	NC
3048	-3.9	-75.5157	35.2501	NC	3120	1.2	-75.5743	35.2302	NC	3192	0.1	-75.6096	35.227	NC
3049	-4.2	-75.5158	35.2496	NC	3121	1.3	-75.5738	35.2302	NC	3193	-0.1	-75.6101	35.2268	NC
3050	-4.4	-75.5159	35.2492	NC	3122	1.4	-75.5732	35.2302	NC	3194	-0.2	-75.6107	35.2267	NC
3051	-4.5	-75.516	35.2487	NC	3123	1.1	-75.576	35.2301	NC	3195	0	-75.6112	35.2266	NC
3052	-4.4	-75.5161	35.2483	NC	3124	1.2	-75.5755	35.2301	NC	3196	0.1	-75.6118	35.2265	NC
3053	-4.5	-75.5162	35.2478	NC	3125	1.2	-75.5766	35.2301	NC	3197	0	-75.6123	35.2264	NC
3054	-4.5	-75.5163	35.2474	NC	3126	1.3	-75.5772	35.23	NC	3198	0	-75.6129	35.2263	NC
3055	-4.6	-75.5164	35.2469	NC	3127	1.5	-75.5788	35.23	NC	3199	0	-75.6134	35.2262	NC
3056	-4.4	-75.5165	35.2463	NC	3128	1.5	-75.5783	35.23	NC	3200	0	-75.614	35.2261	NC
3057	-4.4	-75.5166	35.2458	NC	3129	1.5	-75.5777	35.23	NC	3201	0	-75.6145	35.226	NC
3058	-4.3	-75.5168	35.2454	NC	3130	-1.3	-75.5217	35.23	NC	3202	-0.1	-75.6151	35.2259	NC
3059	-4.2	-75.5169	35.2449	NC	3131	1.3	-75.5805	35.2299	NC	3203	0	-75.6156	35.2258	NC
3060	-4	-75.5171	35.2445	NC	3132	1.4	-75.58	35.2299	NC	3204	0	-75.6162	35.2257	NC
3061	-3.6	-75.5172	35.244	NC	3133	1.4	-75.5794	35.2299	NC	3205	-0.1	-75.6167	35.2256	NC
3062	-3.6	-75.5174	35.2436	NC	3134	1.1	-75.5811	35.2298	NC	3206	-0.2	-75.6173	35.2255	NC
3063	-3.5	-75.5175	35.2431	NC	3135	1.5	-75.5828	35.2298	NC	3207	-0.3	-75.6178	35.2254	NC
3064	-3.5	-75.5176	35.2427	NC	3136	1.4	-75.5822	35.2298	NC	3208	-0.4	-75.6184	35.2253	NC
3065	-3.5	-75.5178	35.2422	NC	3137	1.3	-75.5817	35.2298	NC	3209	-0.1	-75.6189	35.2252	NC
3066	-3.4	-75.5179	35.2418	NC	3138	1.4	-75.5834	35.2297	NC	3210	-0.4	-75.6195	35.2251	NC
3067	-3.2	-75.5181	35.2413	NC	3139	1.2	-75.5952	35.2297	NC	3211	-0.5	-75.62	35.2249	NC
3068	-3.4	-75.5182	35.2409	NC	3140	1.5	-75.5845	35.2297	NC	3212	-0.3	-75.6206	35.2248	NC
3069	-3.2	-75.5184	35.2404	NC	3141	1.4	-75.5839	35.2297	NC	3213	-0.1	-75.6211	35.2247	NC
3070	-3.2	-75.5185	35.24	NC	3142	1.6	-75.5862	35.2296	NC	3214	-0.1	-75.6217	35.2246	NC
3071	-3.2	-75.5187	35.2395	NC	3143	1.7	-75.5856	35.2296	NC	3215	-0.1	-75.6223	35.2245	NC
3072	-3.1	-75.5188	35.2391	NC	3144	1.6	-75.5851	35.2296	NC	3216	-0.5	-75.6228	35.2244	NC
3073	-3.1	-75.5189	35.2386	NC	3145	1.1	-75.5958	35.2296	NC	3217	-0.6	-75.6234	35.2243	NC
3074	-3.1	-75.5191	35.2382	NC	3146	1.6	-75.5868	35.2296	NC	3218	-0.7	-75.6239	35.2242	NC
3075	-3.1	-75.5192	35.2377	NC	3147	-0.8	-75.5218	35.2296	NC	3219	-0.8	-75.6245	35.2241	NC
3076	-3.3	-75.5194	35.2372	NC	3148	1.2	-75.5885	35.2295	NC	3220	-0.5	-75.625	35.224	NC
3077	-3.4	-75.5195	35.2368	NC	3149	1.3	-75.5879	35.2295	NC	3221	3.4	-75.562	35.2239	NC
3078	-3.5	-75.5197	35.2363	NC	3150	1.6	-75.5873	35.2295	NC	3222	-0.3	-75.6256	35.2239	NC
3079	-3.4	-75.5198	35.2359	NC	3151	1.2	-75.5963	35.2295	NC	3223	-0.3	-75.6261	35.2238	NC
3080	-3.4	-75.52	35.2354	NC	3152	0.9	-75.589	35.2295	NC	3224	3	-75.5614	35.2238	NC
3081	-3.4	-75.5201	35.235	NC	3153	0.9	-75.5902	35.2294	NC	3225	-0.3	-75.6267	35.2237	NC
3082	-3.1	-75.5203	35.2345	NC	3154	1	-75.5896	35.2294	NC	3226	2.9	-75.5609	35.2236	NC
3083	-2.7	-75.5204	35.2341	NC	3155	1.2	-75.5969	35.2294	NC	3227	-0.4	-75.6272	35.2236	NC
3084	-2.5	-75.5205	35.2336	NC	3156	0.9	-75.5907	35.2294	NC	3228	-0.5	-75.6278	35.2235	NC
3085	-2	-75.5207	35.2332	NC	3157	0.7	-75.5924	35.2293	NC	3229	2.9	-75.5603	35.2235	NC
3086	-1.8	-75.5208	35.2327	NC	3158	0.7	-75.5919	35.2293	NC	3230	3.1	-75.5598	35.2234	NC
3087	-1.6	-75.521	35.2323	NC	3159	0.8	-75.5913	35.2293	NC	3231	-0.6	-75.6283	35.2234	NC
3088	-1.8	-75.5211	35.2318	NC	3160	1.4	-75.5974	35.2293	NC	3232	-0.7	-75.6289	35.2233	NC
3089	-1.9	-75.5213	35.2314	NC	3161	0.5	-75.593	35.2293	NC	3233	2.8	-75.5592	35.2233	NC
3090	1.4	-75.5585	35.231	NC	3162	0.7	-75.5941	35.2292	NC	3234	2.7	-75.5587	35.2232	NC
3091	1.4	-75.5579	35.231	NC	3163	0.6	-75.5936	35.2292	NC	3235	-0.7	-75.6294	35.2232	NC
3092	1.2	-75.5602	35.2309	NC	3164	1.5	-75.598	35.2292	NC	3236	-0.5	-75.63	35.223	NC
3093	1.3	-75.5596	35.2309	NC	3165	0.8	-75.5947	35.2292	NC	3237	2.7	-75.5581	35.223	NC
3094	1.2	-75.559	35.2309	NC	3166	0.8	-75.597	35.2291	NC	3238	2.7	-75.5576	35.2229	NC
3095	1.4	-75.5607	35.2309	NC	3167	0.8	-75.5964	35.2291	NC	3239	-0.5	-75.6305	35.2229	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3240	2.6	-75.557	35.2228	NC	3312	8	-75.536	35.2183	NC	3384	-0.6	-75.6774	35.2092	NC
3241	0.1	-75.6323	35.2228	NC	3313	9.1	-75.5355	35.2181	NC	3385	-0.7	-75.6779	35.209	NC
3242	-0.3	-75.6311	35.2228	NC	3314	-0.6	-75.6479	35.2181	NC	3386	-0.5	-75.6784	35.2089	NC
3243	2.5	-75.5565	35.2227	NC	3315	-0.9	-75.6484	35.218	NC	3387	-0.4	-75.6789	35.2087	NC
3244	-0.2	-75.6316	35.2227	NC	3316	10.1	-75.5349	35.218	NC	3388	-0.3	-75.6795	35.2085	NC
3245	0.2	-75.6328	35.2226	NC	3317	11.5	-75.5344	35.2179	NC	3389	-0.2	-75.68	35.2083	NC
3246	-0.1	-75.6322	35.2226	NC	3318	-1.1	-75.6489	35.2178	NC	3390	-0.5	-75.6805	35.2081	NC
3247	2.3	-75.5559	35.2226	NC	3319	12.8	-75.5338	35.2178	NC	3391	-0.4	-75.681	35.2079	NC
3248	0.2	-75.6334	35.2225	NC	3320	14.4	-75.5333	35.2177	NC	3392	-0.5	-75.6815	35.2077	NC
3249	-0.2	-75.6327	35.2225	NC	3321	-0.9	-75.6495	35.2177	NC	3393	-0.6	-75.6821	35.2076	NC
3250	2.3	-75.5554	35.2224	NC	3322	-0.7	-75.65	35.2175	NC	3394	-0.6	-75.6826	35.2074	NC
3251	-0.2	-75.6333	35.2224	NC	3323	16.3	-75.5327	35.2175	NC	3395	-0.5	-75.6831	35.2072	NC
3252	0	-75.6339	35.2223	NC	3324	18.1	-75.5322	35.2174	NC	3396	-0.5	-75.6836	35.207	NC
3253	2.2	-75.5548	35.2223	NC	3325	-0.7	-75.6505	35.2173	NC	3397	-0.6	-75.6842	35.2068	NC
3254	2.1	-75.5543	35.2222	NC	3326	19.7	-75.5316	35.2173	NC	3398	-0.5	-75.6847	35.2066	NC
3255	-0.1	-75.6344	35.2222	NC	3327	20.9	-75.5311	35.2172	NC	3399	-0.5	-75.6852	35.2064	NC
3256	2.1	-75.5537	35.2221	NC	3328	-0.7	-75.6511	35.2172	NC	3400	-0.3	-75.6857	35.2063	NC
3257	2.2	-75.5532	35.222	NC	3329	47.3	-75.5305	35.2171	NC	3401	-0.2	-75.6862	35.2061	NC
3258	-0.3	-75.635	35.222	NC	3330	-0.7	-75.6516	35.217	NC	3402	-0.1	-75.6868	35.2059	NC
3259	-0.4	-75.6355	35.2218	NC	3331	51.1	-75.53	35.2169	NC	3403	-0.2	-75.6873	35.2057	NC
3260	2.1	-75.5526	35.2218	NC	3332	-0.7	-75.6522	35.2169	NC	3404	-0.1	-75.6878	35.2055	NC
3261	2.2	-75.552	35.2217	NC	3333	54.6	-75.5294	35.2168	NC	3405	-0.1	-75.6883	35.2053	NC
3262	-0.6	-75.6361	35.2217	NC	3334	-0.9	-75.6527	35.2167	NC	3406	0	-75.6889	35.2051	NC
3263	2.3	-75.5515	35.2216	NC	3335	-0.9	-75.6532	35.2165	NC	3407	0.1	-75.6894	35.2049	NC
3264	2.4	-75.5509	35.2215	NC	3336	-0.9	-75.6538	35.2164	NC	3408	0.1	-75.6899	35.2048	NC
3265	-0.6	-75.6366	35.2215	NC	3337	-0.9	-75.6543	35.2162	NC	3409	0.1	-75.6904	35.2046	NC
3266	-0.7	-75.6371	35.2214	NC	3338	-1.2	-75.6548	35.2161	NC	3410	0.4	-75.6909	35.2044	NC
3267	1.8	-75.5504	35.2214	NC	3339	-1.4	-75.6554	35.2159	NC	3411	0.7	-75.6915	35.2042	NC
3268	1.4	-75.5498	35.2212	NC	3340	-1.2	-75.6559	35.2157	NC	3412	0.7	-75.692	35.204	NC
3269	-0.7	-75.6377	35.2212	NC	3341	-1.1	-75.6564	35.2156	NC	3413	0.9	-75.6925	35.2038	NC
3270	1.1	-75.5493	35.2211	NC	3342	-1.1	-75.657	35.2154	NC	3414	0.9	-75.693	35.2036	NC
3271	0.7	-75.5487	35.221	NC	3343	-1	-75.6575	35.2153	NC	3415	0.8	-75.6936	35.2035	NC
3272	-0.7	-75.6382	35.221	NC	3344	-1.1	-75.6581	35.2151	NC	3416	0.8	-75.6941	35.2033	NC
3273	-0.7	-75.6387	35.2209	NC	3345	-1	-75.6586	35.2149	NC	3417	0.9	-75.6946	35.2031	NC
3274	0.6	-75.5482	35.2209	NC	3346	-1	-75.6591	35.2148	NC	3418	0.9	-75.6951	35.2029	NC
3275	0.5	-75.5476	35.2208	NC	3347	-1.1	-75.6597	35.2146	NC	3419	1	-75.6956	35.2027	NC
3276	-0.5	-75.6393	35.2207	NC	3348	-1.4	-75.6602	35.2145	NC	3420	1	-75.6962	35.2025	NC
3277	-0.6	-75.6398	35.2206	NC	3349	-1.6	-75.6607	35.2143	NC	3421	0.9	-75.6967	35.2023	NC
3278	0.4	-75.5471	35.2206	NC	3350	-1.7	-75.6613	35.2141	NC	3422	0.9	-75.6972	35.2022	NC
3279	0.3	-75.5465	35.2205	NC	3351	-1.9	-75.6618	35.214	NC	3423	1	-75.6977	35.202	NC
3280	-0.7	-75.6403	35.2204	NC	3352	-1.8	-75.6624	35.2138	NC	3424	0.9	-75.6983	35.2018	NC
3281	0.5	-75.546	35.2204	NC	3353	-1.9	-75.6629	35.2136	NC	3425	0.9	-75.6988	35.2016	NC
3282	0.4	-75.5454	35.2203	NC	3354	-1.8	-75.6634	35.2135	NC	3426	1.1	-75.6993	35.2014	NC
3283	-0.6	-75.6409	35.2202	NC	3355	-1.6	-75.664	35.2133	NC	3427	1.5	-75.6998	35.2012	NC
3284	0.7	-75.5449	35.2202	NC	3356	-1.6	-75.6645	35.2132	NC	3428	1.5	-75.7004	35.201	NC
3285	0.9	-75.5443	35.2201	NC	3357	-1.7	-75.665	35.213	NC	3429	1.5	-75.7009	35.2009	NC
3286	-0.6	-75.6414	35.2201	NC	3358	-1.6	-75.6656	35.2128	NC	3430	1.6	-75.7014	35.2007	NC
3287	-0.7	-75.642	35.2199	NC	3359	-1.5	-75.6661	35.2127	NC	3431	1.5	-75.7019	35.2005	NC
3288	1.1	-75.5438	35.2199	NC	3360	-1.5	-75.6666	35.2125	NC	3432	1.3	-75.7024	35.2003	NC
3289	1.4	-75.5432	35.2198	NC	3361	-1.5	-75.6672	35.2124	NC	3433	1.2	-75.703	35.2001	NC
3290	-0.9	-75.6425	35.2197	NC	3362	-1.4	-75.669	35.2122	NC	3434	1.2	-75.7035	35.1999	NC
3291	1.5	-75.5427	35.2197	NC	3363	-1.7	-75.6677	35.2122	NC	3435	1.2	-75.704	35.1997	NC
3292	1.7	-75.5421	35.2196	NC	3364	-1.3	-75.6695	35.212	NC	3436	1.2	-75.7045	35.1996	NC
3293	-0.9	-75.643	35.2196	NC	3365	-1.7	-75.6683	35.212	NC	3437	1.4	-75.704	35.1994	NC
3294	1.9	-75.5416	35.2195	NC	3366	-1.5	-75.6688	35.2119	NC	3438	1.3	-75.7051	35.1994	NC
3295	-0.9	-75.6436	35.2194	NC	3367	-1.2	-75.67	35.2118	NC	3439	1.5	-75.7045	35.1992	NC
3296	2.3	-75.541	35.2193	NC	3368	-1.3	-75.6693	35.2117	NC	3440	1.7	-75.705	35.199	NC
3297	-0.8	-75.6441	35.2193	NC	3369	-1	-75.6706	35.2116	NC	3441	1.8	-75.7056	35.1988	NC
3298	2.6	-75.5405	35.2192	NC	3370	-1.4	-75.6699	35.2116	NC	3442	1.7	-75.7061	35.1985	NC
3299	3.1	-75.5399	35.2191	NC	3371	-1.1	-75.6711	35.2115	NC	3443	1.6	-75.7066	35.1983	NC
3300	-0.7	-75.6446	35.2191	NC	3372	-1.3	-75.6704	35.2114	NC	3444	1.3	-75.7071	35.1981	NC
3301	3.8	-75.5394	35.219	NC	3373	-1.2	-75.6716	35.2113	NC	3445	1.1	-75.7076	35.1979	NC
3302	4.3	-75.5388	35.2189	NC	3374	-1.2	-75.6721	35.2111	NC	3446	1	-75.7081	35.1977	NC
3303	-0.4	-75.6452	35.2189	NC	3375	-1.3	-75.6727	35.2109	NC	3447	0.9	-75.7087	35.1975	NC
3304	-0.5	-75.6457	35.2188	NC	3376	-1.2	-75.6732	35.2107	NC	3448	0.8	-75.7092	35.1973	NC
3305	5	-75.5382	35.2187	NC	3377	-1	-75.6737	35.2105	NC	3449	0.9	-75.7097	35.1971	NC
3306	5.8	-75.5377	35.2186	NC	3378	-1.1	-75.6742	35.2103	NC	3450	0.8	-75.7102	35.1968	NC
3307	-0.5	-75.6463	35.2186	NC	3379	-0.9	-75.6747	35.2102	NC	3451	0.7	-75.7107	35.1966	NC
3308	-0.4	-75.6468	35.2185	NC	3380	-0.9	-75.6753	35.21	NC	3452	0.8	-75.7112	35.1964	NC
3309	6.5	-75.5371	35.2185	NC	3381	-0.9	-75.6758	35.2098	NC	3453	0.6	-75.7118	35.1962	NC
3310	7.2	-75.5366	35.2184	NC	3382	-0.7	-75.6763	35.2096	NC	3454	0.3	-75.7123	35.196	NC
3311	-0.3	-75.6473	35.2183	NC	3383	-0.8	-75.6768	35.2094	NC	3455	0.1	-75.7128	35.1958	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3456	-0.5	-75.7133	35.1956	NC	3528	7.3	-75.7735	35.1788	NC	3600	-2.6	-75.8096	35.1659	NC
3457	-1.1	-75.7138	35.1954	NC	3529	6.4	-75.7741	35.1786	NC	3601	-2.3	-75.8101	35.1657	NC
3458	-1.3	-75.7143	35.1951	NC	3530	5.6	-75.7746	35.1784	NC	3602	-1.9	-75.8106	35.1655	NC
3459	-1.6	-75.7149	35.1949	NC	3531	5.6	-75.7751	35.1782	NC	3603	-2.2	-75.8111	35.1654	NC
3460	-1.5	-75.7154	35.1947	NC	3532	5.5	-75.7756	35.1781	NC	3604	-2.2	-75.8117	35.1652	NC
3461	-1.5	-75.7159	35.1945	NC	3533	5.1	-75.7761	35.1779	NC	3605	-2.6	-75.8122	35.165	NC
3462	-1.4	-75.7164	35.1943	NC	3534	4.7	-75.7767	35.1777	NC	3606	-3.4	-75.8127	35.1648	NC
3463	-1.4	-75.7169	35.1941	NC	3535	3.9	-75.7772	35.1775	NC	3607	-3.1	-75.8132	35.1646	NC
3464	-1.7	-75.7174	35.1939	NC	3536	3.7	-75.7777	35.1773	NC	3608	-3.1	-75.8137	35.1644	NC
3465	-2	-75.718	35.1937	NC	3537	2.7	-75.7782	35.1772	NC	3609	-3	-75.8142	35.1642	NC
3466	-2.7	-75.7185	35.1934	NC	3538	2	-75.7788	35.177	NC	3610	-3	-75.8148	35.164	NC
3467	-3	-75.719	35.1932	NC	3539	1.5	-75.7793	35.1768	NC	3611	-3	-75.8153	35.1638	NC
3468	-3.1	-75.7195	35.193	NC	3540	1.7	-75.7798	35.1766	NC	3612	-2.9	-75.8158	35.1636	NC
3469	-3.3	-75.72	35.1928	NC	3541	1.7	-75.7803	35.1764	NC	3613	-2.9	-75.8163	35.1635	NC
3470	-3.7	-75.7205	35.1926	NC	3542	1.9	-75.7808	35.1763	NC	3614	-3	-75.8168	35.1633	NC
3471	-4	-75.7211	35.1924	NC	3543	1.8	-75.7814	35.1761	NC	3615	-2.9	-75.8173	35.1631	NC
3472	-4.5	-75.7216	35.1922	NC	3544	1.5	-75.7819	35.1759	NC	3616	-2.7	-75.8179	35.1629	NC
3473	-5.3	-75.7221	35.192	NC	3545	1	-75.7824	35.1757	NC	3617	-2.9	-75.8184	35.1627	NC
3474	-5.8	-75.7226	35.1917	NC	3546	0.5	-75.7829	35.1755	NC	3618	-2.9	-75.8189	35.1625	NC
3475	-6.3	-75.7231	35.1915	NC	3547	0.1	-75.7835	35.1753	NC	3619	-2.6	-75.8194	35.1623	NC
3476	-6.3	-75.7236	35.1913	NC	3548	-0.5	-75.784	35.1752	NC	3620	-2.3	-75.8199	35.1621	NC
3477	-6.3	-75.7242	35.1911	NC	3549	-1	-75.7845	35.175	NC	3621	-2.4	-75.8204	35.1619	NC
3478	-5.3	-75.7247	35.1909	NC	3550	-1.4	-75.785	35.1748	NC	3622	-2.5	-75.821	35.1617	NC
3479	-4.4	-75.7252	35.1907	NC	3551	-1.7	-75.7855	35.1746	NC	3623	-2.7	-75.8215	35.1616	NC
3480	-4.1	-75.7257	35.1905	NC	3552	-2	-75.7861	35.1744	NC	3624	-2.8	-75.822	35.1614	NC
3481	-3.8	-75.7262	35.1903	NC	3553	-2	-75.7866	35.1743	NC	3625	-3	-75.8225	35.1612	NC
3482	-3.6	-75.7267	35.19	NC	3554	-2	-75.7871	35.1741	NC	3626	-3.2	-75.823	35.161	NC
3483	-3.5	-75.7273	35.1898	NC	3555	-1.7	-75.7876	35.1739	NC	3627	-3.4	-75.8235	35.1608	NC
3484	-3.6	-75.7278	35.1896	NC	3556	-1.3	-75.7882	35.1737	NC	3628	-3.5	-75.8241	35.1606	NC
3485	-3.9	-75.7283	35.1894	NC	3557	-1.6	-75.7887	35.1735	NC	3629	-3.1	-75.8246	35.1604	NC
3486	-4.1	-75.7288	35.1892	NC	3558	-1.7	-75.7892	35.1734	NC	3630	-2.8	-75.8251	35.1602	NC
3487	-4.2	-75.7293	35.189	NC	3559	-2.4	-75.7897	35.1732	NC	3631	-3.3	-75.8256	35.16	NC
3488	-4.2	-75.7298	35.1888	NC	3560	-3.3	-75.7902	35.173	NC	3632	-3.2	-75.8261	35.1598	NC
3489	-4.3	-75.7304	35.1886	NC	3561	-2.8	-75.7908	35.1728	NC	3633	-3.3	-75.8266	35.1597	NC
3490	-4.5	-75.7309	35.1883	NC	3562	-2.5	-75.7913	35.1726	NC	3634	-3	-75.8272	35.1595	NC
3491	-4.7	-75.7314	35.1881	NC	3563	-2.6	-75.7918	35.1725	NC	3635	-3	-75.8277	35.1593	NC
3492	-4.4	-75.7319	35.1879	NC	3564	-2.8	-75.7923	35.1723	NC	3636	-3.1	-75.8282	35.1591	NC
3493	-3.9	-75.7324	35.1877	NC	3565	-3.2	-75.7929	35.1721	NC	3637	-2.8	-75.8287	35.1589	NC
3494	-3.1	-75.7329	35.1875	NC	3566	-3.6	-75.7934	35.1719	NC	3638	-2.4	-75.8292	35.1587	NC
3495	-2.4	-75.7335	35.1873	NC	3567	-3.7	-75.7939	35.1717	NC	3639	-2	-75.8297	35.1585	NC
3496	-1.5	-75.734	35.1871	NC	3568	-4	-75.7944	35.1716	NC	3640	-1.9	-75.8303	35.1583	NC
3497	-0.5	-75.7345	35.1869	NC	3569	-4	-75.795	35.1714	NC	3641	-2.5	-75.8308	35.1581	NC
3498	1.2	-75.735	35.1866	NC	3570	-3.8	-75.7955	35.1712	NC	3642	-2.7	-75.8313	35.1579	NC
3499	2.8	-75.7355	35.1864	NC	3571	-4	-75.796	35.171	NC	3643	-2.4	-75.8318	35.1578	NC
3500	4.3	-75.736	35.1862	NC	3572	-4	-75.7965	35.1708	NC	3644	-2.4	-75.8323	35.1576	NC
3501	5.9	-75.7366	35.186	NC	3573	-4	-75.797	35.1707	NC	3645	-1.8	-75.8324	35.1575	NC
3502	7.5	-75.7371	35.1858	NC	3574	-3.9	-75.7976	35.1705	NC	3646	-2.3	-75.8328	35.1574	NC
3503	9	-75.7376	35.1856	NC	3575	-3.4	-75.7977	35.1703	NC	3647	-2.1	-75.8329	35.1573	NC
3504	10.7	-75.7381	35.1854	NC	3576	-3.7	-75.7981	35.1703	NC	3648	-2.3	-75.8334	35.1572	NC
3505	12.3	-75.7386	35.1852	NC	3577	-3.5	-75.7982	35.1701	NC	3649	-2.3	-75.8334	35.1571	NC
3506	10.5	-75.7391	35.1849	NC	3578	-3.7	-75.7986	35.1701	NC	3650	-2.3	-75.8339	35.1569	NC
3507	14.7	-75.7397	35.1847	NC	3579	-3.4	-75.7987	35.1699	NC	3651	-2.4	-75.8345	35.1567	NC
3508	-0.2	-75.7402	35.1845	NC	3580	-3.2	-75.7993	35.1697	NC	3652	-2.3	-75.835	35.1565	NC
3509	3.3	-75.7407	35.1843	NC	3581	-3.7	-75.7998	35.1695	NC	3653	-2.2	-75.8355	35.1563	NC
3510	NA	-75.7641	35.182	NC	3582	-4	-75.8003	35.1693	NC	3654	-2.4	-75.836	35.1561	NC
3511	61.7	-75.7646	35.1818	NC	3583	-3.5	-75.8008	35.1692	NC	3655	-2	-75.8365	35.156	NC
3512	36.6	-75.7652	35.1817	NC	3584	-2.9	-75.8013	35.169	NC	3656	-1.9	-75.837	35.1558	NC
3513	16.2	-75.7657	35.1815	NC	3585	-3.1	-75.8018	35.1688	NC	3657	-2.2	-75.8375	35.1556	NC
3514	15.4	-75.7662	35.1813	NC	3586	-3.3	-75.8024	35.1686	NC	3658	-2.2	-75.838	35.1554	NC
3515	14.6	-75.7667	35.1811	NC	3587	-3.8	-75.8029	35.1684	NC	3659	-2.3	-75.8386	35.1552	NC
3516	13.4	-75.7673	35.1809	NC	3588	-3.9	-75.8034	35.1682	NC	3660	-2.6	-75.8391	35.155	NC
3517	12.9	-75.7678	35.1808	NC	3589	-4	-75.8039	35.168	NC	3661	-2.7	-75.8396	35.1548	NC
3518	12.3	-75.7683	35.1806	NC	3590	-4	-75.8044	35.1678	NC	3662	-2.9	-75.8401	35.1546	NC
3519	11.6	-75.7688	35.1804	NC	3591	-4.1	-75.8049	35.1676	NC	3663	-2.9	-75.8406	35.1544	NC
3520	11	-75.7693	35.1802	NC	3592	-4.1	-75.8055	35.1674	NC	3664	-3.2	-75.8411	35.1542	NC
3521	11.1	-75.7699	35.18	NC	3593	-4.1	-75.806	35.1673	NC	3665	-2.3	-75.8416	35.154	NC
3522	11.3	-75.7704	35.1799	NC	3594	-4	-75.8065	35.1671	NC	3666	-1.8	-75.8421	35.1538	NC
3523	11.8	-75.7709	35.1797	NC	3595	-3.9	-75.807	35.1669	NC	3667	-1.9	-75.8427	35.1536	NC
3524	12.1	-75.7714	35.1795	NC	3596	-4	-75.8075	35.1667	NC	3668	-2	-75.8432	35.1534	NC
3525	10.4	-75.772	35.1793	NC	3597	-3.9	-75.808	35.1665	NC	3669	-1.9	-75.8437	35.1533	NC
3526	8.4	-75.7725	35.1791	NC	3598	-3.7	-75.8086	35.1663	NC	3670	-2	-75.8442	35.1531	NC
3527	7.9	-75.773	35.179	NC	3599	-3.2	-75.8091	35.1661	NC	3671	-2.1	-75.8447	35.1529	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3672	-2.4	-75.8452	35.1527	NC	3744	-0.2	-75.8803	35.1388	NC	3816	-0.2	-75.9145	35.1231	NC
3673	-2.5	-75.8457	35.1525	NC	3745	-0.6	-75.8808	35.1386	NC	3817	-0.1	-75.915	35.1229	NC
3674	-3	-75.8462	35.1523	NC	3746	-0.1	-75.8813	35.1384	NC	3818	-0.1	-75.9155	35.1226	NC
3675	-2.9	-75.8468	35.1521	NC	3747	-0.3	-75.8818	35.1382	NC	3819	-0.3	-75.9159	35.1224	NC
3676	-2.5	-75.8473	35.1519	NC	3748	-0.8	-75.8823	35.138	NC	3820	0	-75.9164	35.1221	NC
3677	-2.5	-75.8478	35.1517	NC	3749	-0.8	-75.8828	35.1378	NC	3821	-0.2	-75.9169	35.1219	NC
3678	-2.4	-75.8483	35.1515	NC	3750	-0.9	-75.8833	35.1375	NC	3822	-0.5	-75.9174	35.1217	NC
3679	-2.4	-75.8488	35.1513	NC	3751	-1.1	-75.8838	35.1373	NC	3823	-0.5	-75.9179	35.1214	NC
3680	-2.5	-75.8493	35.1511	NC	3752	-1.1	-75.8843	35.1371	NC	3824	-0.3	-75.9184	35.1212	NC
3681	-2.3	-75.8498	35.1509	NC	3753	-0.9	-75.8847	35.1369	NC	3825	-0.2	-75.9189	35.121	NC
3682	-2.2	-75.8503	35.1507	NC	3754	-0.9	-75.8852	35.1367	NC	3826	-0.2	-75.9194	35.1207	NC
3683	-1.7	-75.8509	35.1506	NC	3755	-0.5	-75.8857	35.1365	NC	3827	-0.4	-75.9198	35.1205	NC
3684	-2.2	-75.8514	35.1504	NC	3756	-0.1	-75.8862	35.1362	NC	3828	-0.5	-75.9203	35.1202	NC
3685	-1.9	-75.8519	35.1502	NC	3757	-0.4	-75.8867	35.136	NC	3829	-0.5	-75.9208	35.12	NC
3686	-1.5	-75.8524	35.15	NC	3758	-0.8	-75.8872	35.1358	NC	3830	-0.1	-75.9213	35.1198	NC
3687	-1.7	-75.8529	35.1498	NC	3759	-1.1	-75.8877	35.1356	NC	3831	0.2	-75.9218	35.1195	NC
3688	-1.6	-75.8534	35.1496	NC	3760	-1.1	-75.8882	35.1354	NC	3832	0.6	-75.9223	35.1193	NC
3689	-1.7	-75.8539	35.1494	NC	3761	-1.3	-75.8887	35.1352	NC	3833	0.5	-75.9228	35.1191	NC
3690	-1.5	-75.8544	35.1492	NC	3762	-1.3	-75.8892	35.1349	NC	3834	0.5	-75.9233	35.1188	NC
3691	-1.7	-75.855	35.149	NC	3763	-0.9	-75.8897	35.1347	NC	3835	0.8	-75.9238	35.1186	NC
3692	-1.8	-75.8555	35.1488	NC	3764	-0.4	-75.8902	35.1345	NC	3836	0.8	-75.9242	35.1183	NC
3693	-1.6	-75.856	35.1486	NC	3765	-0.1	-75.8907	35.1343	NC	3837	0.7	-75.9247	35.1181	NC
3694	-1.5	-75.8565	35.1484	NC	3766	0.2	-75.8912	35.1341	NC	3838	0.8	-75.9252	35.1179	NC
3695	-1.7	-75.857	35.1482	NC	3767	0.1	-75.8917	35.1339	NC	3839	0.5	-75.9257	35.1176	NC
3696	-2.2	-75.8575	35.148	NC	3768	0.1	-75.8922	35.1336	NC	3840	0.5	-75.9262	35.1174	NC
3697	-2	-75.858	35.1479	NC	3769	0	-75.8927	35.1334	NC	3841	0.4	-75.9267	35.1171	NC
3698	-2	-75.8585	35.1477	NC	3770	-0.2	-75.8932	35.1332	NC	3842	0.1	-75.9272	35.1169	NC
3699	-2	-75.8591	35.1475	NC	3771	-0.4	-75.8937	35.133	NC	3843	0.5	-75.9277	35.1167	NC
3700	-1.9	-75.8596	35.1473	NC	3772	-0.8	-75.8942	35.1328	NC	3844	1.2	-75.9282	35.1164	NC
3701	-1.9	-75.8601	35.1471	NC	3773	-0.9	-75.8947	35.1326	NC	3845	0.7	-75.9286	35.1162	NC
3702	-1.5	-75.8606	35.1469	NC	3774	-1.1	-75.8952	35.1323	NC	3846	0.5	-75.9291	35.116	NC
3703	-1.4	-75.8611	35.1467	NC	3775	-1.2	-75.8957	35.1321	NC	3847	0.6	-75.9296	35.1157	NC
3704	-0.9	-75.8616	35.1465	NC	3776	-0.9	-75.8962	35.1319	NC	3848	0.7	-75.9301	35.1155	NC
3705	-0.9	-75.8621	35.1463	NC	3777	-0.9	-75.8966	35.1317	NC	3849	0.8	-75.9306	35.1152	NC
3706	-0.7	-75.8626	35.1461	NC	3778	-0.5	-75.8971	35.1315	NC	3850	2	-75.9336	35.1151	NC
3707	-0.9	-75.8632	35.1459	NC	3779	-1	-75.8976	35.1313	NC	3851	1.1	-75.9311	35.115	NC
3708	-1	-75.8637	35.1457	NC	3780	-1	-75.8981	35.131	NC	3852	2.3	-75.9341	35.1148	NC
3709	-0.6	-75.8642	35.1455	NC	3781	-0.9	-75.8986	35.1308	NC	3853	1.1	-75.9316	35.1148	NC
3710	-0.8	-75.8647	35.1453	NC	3782	-1.4	-75.8991	35.1306	NC	3854	2.5	-75.9345	35.1145	NC
3711	-0.8	-75.8652	35.1452	NC	3783	-1.2	-75.8996	35.1304	NC	3855	1.3	-75.9321	35.1145	NC
3712	-0.8	-75.8657	35.145	NC	3784	-0.7	-75.9001	35.1302	NC	3856	2.9	-75.935	35.1143	NC
3713	-0.8	-75.8662	35.1448	NC	3785	0.6	-75.9003	35.13	NC	3857	1.5	-75.9326	35.1143	NC
3714	-1.6	-75.8669	35.1447	NC	3786	-0.6	-75.9006	35.13	NC	3858	1.8	-75.933	35.1141	NC
3715	-1	-75.8667	35.1446	NC	3787	0.5	-75.9008	35.1298	NC	3859	2.3	-75.9354	35.114	NC
3716	-1.3	-75.8674	35.1445	NC	3788	-0.1	-75.9011	35.1297	NC	3860	1.8	-75.9335	35.1138	NC
3717	-1.2	-75.8673	35.1444	NC	3789	0.5	-75.9013	35.1295	NC	3861	1.9	-75.9359	35.1137	NC
3718	-0.9	-75.8679	35.1443	NC	3790	0.3	-75.9018	35.1293	NC	3862	1.8	-75.934	35.1136	NC
3719	-1.5	-75.8678	35.1442	NC	3791	0	-75.9023	35.129	NC	3863	1.5	-75.9363	35.1134	NC
3720	-0.2	-75.8684	35.144	NC	3792	-0.1	-75.9027	35.1288	NC	3864	1.1	-75.9368	35.1132	NC
3721	-0.1	-75.8689	35.1438	NC	3793	-0.1	-75.9032	35.1286	NC	3865	1	-75.9373	35.1129	NC
3722	0.3	-75.8694	35.1436	NC	3794	-0.2	-75.9037	35.1283	NC	3866	1	-75.9377	35.1126	NC
3723	0	-75.8699	35.1434	NC	3795	-0.3	-75.9042	35.1281	NC	3867	1.3	-75.9382	35.1123	NC
3724	-0.5	-75.8704	35.1432	NC	3796	-0.3	-75.9047	35.1279	NC	3868	1.4	-75.9386	35.112	NC
3725	-0.6	-75.8709	35.143	NC	3797	0.3	-75.9052	35.1276	NC	3869	1.8	-75.9391	35.1118	NC
3726	-0.7	-75.8714	35.1427	NC	3798	0.9	-75.9057	35.1274	NC	3870	2.2	-75.9395	35.1115	NC
3727	-0.5	-75.8719	35.1425	NC	3799	0.8	-75.9062	35.1271	NC	3871	2.2	-75.94	35.1112	NC
3728	-0.8	-75.8724	35.1423	NC	3800	0.7	-75.9067	35.1269	NC	3872	2.1	-75.9404	35.1109	NC
3729	-0.9	-75.8728	35.1421	NC	3801	0.3	-75.9071	35.1267	NC	3873	1.9	-75.9409	35.1107	NC
3730	-0.6	-75.8733	35.1419	NC	3802	0	-75.9076	35.1264	NC	3874	2.2	-75.9414	35.1104	NC
3731	-0.6	-75.8738	35.1417	NC	3803	-0.2	-75.9081	35.1262	NC	3875	2	-75.9418	35.1101	NC
3732	-0.6	-75.8743	35.1414	NC	3804	-0.4	-75.9086	35.126	NC	3876	2	-75.9423	35.1098	NC
3733	-0.7	-75.8748	35.1412	NC	3805	-0.3	-75.9091	35.1257	NC	3877	2	-75.9427	35.1096	NC
3734	-0.9	-75.8753	35.141	NC	3806	-0.1	-75.9096	35.1255	NC	3878	1.8	-75.9432	35.1093	NC
3735	-1	-75.8758	35.1408	NC	3807	-0.4	-75.9101	35.1252	NC	3879	1.7	-75.9436	35.109	NC
3736	-1	-75.8763	35.1406	NC	3808	-0.5	-75.9106	35.125	NC	3880	1.6	-75.9441	35.1087	NC
3737	-1.1	-75.8768	35.1404	NC	3809	-0.5	-75.9111	35.1248	NC	3881	1.8	-75.9446	35.1084	NC
3738	-0.7	-75.8773	35.1401	NC	3810	-0.4	-75.9115	35.1245	NC	3882	2.1	-75.945	35.1082	NC
3739	-0.3	-75.8778	35.1399	NC	3811	-0.3	-75.912	35.1243	NC	3883	2.4	-75.9455	35.1079	NC
3740	0.2	-75.8783	35.1397	NC	3812	0	-75.9125	35.124	NC	3884	2.6	-75.9459	35.1076	NC
3741	-0.1	-75.8788	35.1395	NC	3813	-0.1	-75.913	35.1238	NC	3885	3.3	-75.9464	35.1073	NC
3742	-0.3	-75.8793	35.1393	NC	3814	-0.1	-75.9135	35.1236	NC	3886	3.9	-75.9468	35.1071	NC
3743	-0.8	-75.8798	35.1391	NC	3815	-0.2	-75.914	35.1233	NC	3887	3.9	-75.9473	35.1068	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
3888	4.1	-75.9477	35.1065	NC	3960	2.5	-75.9771	35.0852	NC	4032	12.6	-76.0064	35.0625	NC
3889	3.7	-75.9482	35.1062	NC	3961	2.7	-75.9775	35.0849	NC	4033	11.1	-76.0068	35.0622	NC
3890	3.4	-75.9487	35.1059	NC	3962	2.8	-75.9779	35.0845	NC	4034	9.7	-76.0073	35.0619	NC
3891	3.6	-75.9491	35.1057	NC	3963	2.5	-75.9782	35.0842	NC	4035	9.5	-76.0077	35.0616	NC
3892	3.6	-75.9496	35.1054	NC	3964	2	-75.9786	35.0838	NC	4036	9.4	-76.0082	35.0614	NC
3893	3.7	-75.95	35.1051	NC	3965	2	-75.979	35.0835	NC	4037	-31.9	-76.0087	35.0611	NC
3894	3.7	-75.9505	35.1048	NC	3966	1.6	-75.9794	35.0832	NC	4038	-32.1	-76.0091	35.0608	NC
3895	3.4	-75.9509	35.1046	NC	3967	1.1	-75.9798	35.0828	NC	4039	-31.3	-76.0096	35.0606	NC
3896	3.4	-75.9514	35.1043	NC	3968	0.5	-75.9802	35.0825	NC	4040	-30.7	-76.01	35.0603	NC
3897	3.1	-75.9519	35.104	NC	3969	0.4	-75.9806	35.0821	NC	4041	-16	-76.0317	35.0557	NC
3898	3	-75.9523	35.1037	NC	3970	0.4	-75.9809	35.0818	NC	4042	-13.6	-76.0322	35.0554	NC
3899	3.3	-75.9528	35.1034	NC	3971	-0.1	-75.9813	35.0815	NC	4043	-11.7	-76.0327	35.0552	NC
3900	3.5	-75.9532	35.1032	NC	3972	-0.7	-75.9817	35.0811	NC	4044	-10.7	-76.0332	35.055	NC
3901	3.4	-75.9537	35.1029	NC	3973	-0.6	-75.9821	35.0808	NC	4045	-25.4	-76.0337	35.0548	NC
3902	3.4	-75.9541	35.1026	NC	3974	-0.6	-75.9825	35.0804	NC	4046	-24.8	-76.0342	35.0546	NC
3903	3.5	-75.9546	35.1023	NC	3975	-1.4	-75.9829	35.0801	NC	4047	-23.5	-76.0347	35.0543	NC
3904	3.5	-75.955	35.1021	NC	3976	-1.6	-75.9832	35.0798	NC	4048	-22.6	-76.0352	35.0541	NC
3905	3.6	-75.9555	35.1018	NC	3977	-2.3	-75.9836	35.0794	NC	4049	-20.3	-76.0357	35.0539	NC
3906	3.4	-75.956	35.1015	NC	3978	-2.8	-75.984	35.0791	NC	4050	-19.1	-76.0362	35.0537	NC
3907	3.4	-75.9564	35.1012	NC	3979	-2.7	-75.9844	35.0787	NC	4051	-18.2	-76.0367	35.0535	NC
3908	3.5	-75.9569	35.1009	NC	3980	-2.7	-75.9848	35.0784	NC	4052	-16.8	-76.0372	35.0533	NC
3909	3.2	-75.9573	35.1007	NC	3981	-3.3	-75.9852	35.078	NC	4053	-15.8	-76.0377	35.053	NC
3910	3.2	-75.9578	35.1004	NC	3982	-3.8	-75.9856	35.0777	NC	4054	-13.7	-76.0382	35.0528	NC
3911	3.2	-75.9582	35.1001	NC	3983	-4.6	-75.9859	35.0774	NC	4055	-12.8	-76.0387	35.0526	NC
3912	3.3	-75.9587	35.0998	NC	3984	-5.2	-75.9863	35.077	NC	4056	-11.9	-76.0392	35.0524	NC
3913	3.2	-75.9592	35.0996	NC	3985	-5.7	-75.9867	35.0767	NC	4057	-11	-76.0397	35.0522	NC
3914	3.1	-75.9596	35.0993	NC	3986	-6.2	-75.9871	35.0763	NC	4058	-10.2	-76.0401	35.0519	NC
3915	3.5	-75.9601	35.099	NC	3987	-5.8	-75.9875	35.076	NC	4059	-9.7	-76.0406	35.0517	NC
3916	3.7	-75.9605	35.0987	NC	3988	-5.4	-75.9879	35.0757	NC	4060	-9.2	-76.0411	35.0515	NC
3917	3.7	-75.961	35.0985	NC	3989	-4.7	-75.9882	35.0753	NC	4061	-8.8	-76.0416	35.0513	NC
3918	3.7	-75.9614	35.0982	NC	3990	-4.4	-75.9886	35.075	NC	4062	-8.3	-76.0421	35.0511	NC
3919	3.7	-75.9619	35.0979	NC	3991	-4.2	-75.9876	35.0736	NC	4063	-8	-76.0426	35.0508	NC
3920	4.1	-75.9629	35.0978	NC	3992	-3.6	-75.9881	35.0733	NC	4064	-7.7	-76.0431	35.0506	NC
3921	3.7	-75.9623	35.0976	NC	3993	-3.3	-75.9885	35.0731	NC	4065	-7.8	-76.0436	35.0504	NC
3922	3.9	-75.9633	35.0975	NC	3994	-2.8	-75.989	35.0728	NC	4066	-7.8	-76.0441	35.0502	NC
3923	3.9	-75.9628	35.0973	NC	3995	-2.6	-75.9894	35.0725	NC	4067	-7.9	-76.0446	35.05	NC
3924	3.9	-75.9636	35.0971	NC	3996	-4.1	-75.9899	35.0722	NC	4068	-7.8	-76.0451	35.0498	NC
3925	3.9	-75.9633	35.0971	NC	3997	-4.7	-75.9903	35.072	NC	4069	-7.8	-76.0456	35.0495	NC
3926	3.7	-75.964	35.0968	NC	3998	-5.4	-75.9908	35.0717	NC	4070	-7.7	-76.0461	35.0493	NC
3927	4.1	-75.9644	35.0965	NC	3999	-4.8	-75.9913	35.0714	NC	4071	-7.8	-76.0466	35.0491	NC
3928	4.5	-75.9648	35.0961	NC	4000	-4.1	-75.9917	35.0712	NC	4072	-7.9	-76.0471	35.0489	NC
3929	3.7	-75.9652	35.0958	NC	4001	-5	-75.9922	35.0709	NC	4073	-7.9	-76.0476	35.0487	NC
3930	3.3	-75.9656	35.0954	NC	4002	-5.7	-75.9926	35.0706	NC	4074	-7.8	-76.0481	35.0484	NC
3931	3	-75.9659	35.0951	NC	4003	-6.4	-75.9931	35.0703	NC	4075	-7.5	-76.0486	35.0482	NC
3932	2.6	-75.9663	35.0948	NC	4004	-6.8	-75.9936	35.0701	NC	4076	-7.5	-76.0491	35.048	NC
3933	2.6	-75.9667	35.0944	NC	4005	-7.3	-75.994	35.0698	NC	4077	-7.6	-76.0496	35.0478	NC
3934	2.7	-75.9671	35.0941	NC	4006	-8	-75.9945	35.0695	NC	4078	-7.6	-76.0501	35.0476	NC
3935	3.2	-75.9675	35.0937	NC	4007	-7.9	-75.9949	35.0693	NC	4079	-7.7	-76.0506	35.0474	NC
3936	3.7	-75.9679	35.0934	NC	4008	-7.8	-75.9954	35.069	NC	4080	-7.6	-76.0511	35.0471	NC
3937	3.6	-75.9683	35.093	NC	4009	-8.1	-75.9958	35.0687	NC	4081	-7.6	-76.0516	35.0469	NC
3938	3.6	-75.9686	35.0927	NC	4010	-8.5	-75.9963	35.0684	NC	4082	-7.7	-76.0521	35.0467	NC
3939	3.2	-75.969	35.0924	NC	4011	-8.9	-75.9968	35.0682	NC	4083	-7.5	-76.0526	35.0465	NC
3940	3	-75.9694	35.092	NC	4012	-8.7	-75.9972	35.0679	NC	4084	-7.5	-76.0531	35.0463	NC
3941	3	-75.9698	35.0917	NC	4013	-9	-75.9977	35.0676	NC	4085	-7.5	-76.0536	35.046	NC
3942	2.9	-75.9702	35.0913	NC	4014	-10	-75.9981	35.0673	NC	4086	-7.4	-76.0541	35.0458	NC
3943	3.2	-75.9706	35.091	NC	4015	-10.2	-75.9986	35.0671	NC	4087	-7.5	-76.0546	35.0456	NC
3944	3.6	-75.9709	35.0907	NC	4016	-10.6	-75.999	35.0668	NC	4088	-7.4	-76.0551	35.0454	NC
3945	3	-75.9713	35.0903	NC	4017	-11.8	-75.9995	35.0665	NC	4089	-7.5	-76.0556	35.0452	NC
3946	2.6	-75.9717	35.09	NC	4018	-13	-76	35.0663	NC	4090	-7.5	-76.0561	35.045	NC
3947	3.5	-75.9721	35.0896	NC	4019	-12.4	-76.0004	35.066	NC	4091	-7.5	-76.0566	35.0447	NC
3948	4.4	-75.9725	35.0893	NC	4020	-12.8	-76.0009	35.0657	NC	4092	-8	-76.0547	35.0439	NC
3949	4.3	-75.9729	35.089	NC	4021	-15.7	-76.0013	35.0654	NC	4093	-7.7	-76.0551	35.0436	NC
3950	4.1	-75.9733	35.0886	NC	4022	-1.9	-76.0018	35.0652	NC	4094	-7.7	-76.0556	35.0434	NC
3951	3.6	-75.9736	35.0883	NC	4023	-2.2	-76.0022	35.0649	NC	4095	-7.9	-76.056	35.0431	NC
3952	2.9	-75.974	35.0879	NC	4024	-2.5	-76.0027	35.0646	NC	4096	-7.8	-76.0564	35.0428	NC
3953	2.8	-75.9744	35.0876	NC	4025	-3.1	-76.0032	35.0644	NC	4097	-7.9	-76.0569	35.0425	NC
3954	3	-75.9748	35.0873	NC	4026	-3.8	-76.0036	35.0641	NC	4098	-7.7	-76.0573	35.0422	NC
3955	2.7	-75.9752	35.0869	NC	4027	-4.4	-76.0041	35.0638	NC	4099	-7.6	-76.0578	35.0419	NC
3956	2.3	-75.9756	35.0866	NC	4028	-5	-76.0045	35.0635	NC	4100	-7.5	-76.0582	35.0416	NC
3957	2.9	-75.9759	35.0862	NC	4029	12.8	-76.005	35.0633	NC	4101	-7.4	-76.0586	35.0413	NC
3958	3.3	-75.9763	35.0859	NC	4030	12.3	-76.0055	35.063	NC	4102	-7.4	-76.0591	35.041	NC
3959	2.9	-75.9767	35.0855	NC	4031	12.4	-76.0059	35.0627	NC	4103	-7.2	-76.0595	35.0407	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4104	-7.3	-76.06	35.0405	NC	4176	-2.1	-76.0902	35.0204	NC	4248	-0.6	-76.1204	34.9992	NC
4105	-7.3	-76.0604	35.0402	NC	4177	-2	-76.0906	35.0201	NC	4249	-0.7	-76.1208	34.9989	NC
4106	-7.4	-76.0609	35.0399	NC	4178	-1.9	-76.091	35.0198	NC	4250	-0.8	-76.1213	34.9986	NC
4107	-7.2	-76.0613	35.0396	NC	4179	-1.8	-76.0914	35.0195	NC	4251	-0.9	-76.1217	34.9983	NC
4108	-7.1	-76.0617	35.0393	NC	4180	-1.8	-76.0919	35.0192	NC	4252	-1	-76.1221	34.998	NC
4109	-7	-76.0622	35.039	NC	4181	-1.9	-76.0923	35.0189	NC	4253	-0.9	-76.1225	34.9977	NC
4110	-7	-76.0626	35.0387	NC	4182	-1.8	-76.0927	35.0186	NC	4254	-0.7	-76.1229	34.9974	NC
4111	-6.9	-76.0631	35.0384	NC	4183	-1.9	-76.0931	35.0183	NC	4255	-0.5	-76.1233	34.997	NC
4112	-6.9	-76.0635	35.0381	NC	4184	-1.9	-76.0936	35.018	NC	4256	-0.3	-76.1237	34.9967	NC
4113	-6.8	-76.064	35.0378	NC	4185	-1.8	-76.094	35.0177	NC	4257	-0.2	-76.1241	34.9964	NC
4114	-6.8	-76.0644	35.0376	NC	4186	-1.6	-76.0944	35.0174	NC	4258	-0.1	-76.1246	34.9961	NC
4115	-6.9	-76.0648	35.0373	NC	4187	-1.5	-76.0949	35.0171	NC	4259	-0.2	-76.125	34.9958	NC
4116	-6.9	-76.0653	35.037	NC	4188	-1.6	-76.0953	35.0168	NC	4260	-0.2	-76.1254	34.9955	NC
4117	-6.9	-76.0657	35.0367	NC	4189	-1.5	-76.0957	35.0165	NC	4261	-0.3	-76.1258	34.9952	NC
4118	-6.7	-76.0662	35.0364	NC	4190	-1.4	-76.0961	35.0162	NC	4262	-0.4	-76.1262	34.9948	NC
4119	-6.5	-76.0666	35.0361	NC	4191	-1.3	-76.0966	35.0159	NC	4263	-0.5	-76.1266	34.9945	NC
4120	-6.3	-76.0671	35.0358	NC	4192	-1.2	-76.097	35.0156	NC	4264	-0.7	-76.127	34.9942	NC
4121	-6.1	-76.0675	35.0355	NC	4193	-1	-76.0974	35.0153	NC	4265	-0.7	-76.1274	34.9939	NC
4122	-6.1	-76.0679	35.0352	NC	4194	-1	-76.0979	35.015	NC	4266	-0.7	-76.1279	34.9936	NC
4123	-5.9	-76.0684	35.0349	NC	4195	-1.1	-76.0983	35.0147	NC	4267	-0.8	-76.1283	34.9933	NC
4124	-5.9	-76.0688	35.0347	NC	4196	-1.1	-76.0987	35.0144	NC	4268	-0.7	-76.1287	34.993	NC
4125	-6	-76.0693	35.0344	NC	4197	-1.2	-76.0991	35.0141	NC	4269	-0.7	-76.1291	34.9927	NC
4126	-5.8	-76.0697	35.0341	NC	4198	-1.1	-76.0996	35.0138	NC	4270	-0.6	-76.1295	34.9923	NC
4127	-5.7	-76.0701	35.0338	NC	4199	-1.3	-76.1	35.0135	NC	4271	-0.6	-76.1299	34.992	NC
4128	-5.6	-76.0706	35.0335	NC	4200	-1.2	-76.1004	35.0132	NC	4272	-0.5	-76.1303	34.9917	NC
4129	-5.6	-76.071	35.0332	NC	4201	-1.1	-76.1009	35.0129	NC	4273	-0.5	-76.1307	34.9914	NC
4130	-5.6	-76.0715	35.0329	NC	4202	-1.1	-76.1013	35.0126	NC	4274	-0.7	-76.1312	34.9911	NC
4131	-5.6	-76.0719	35.0326	NC	4203	-1	-76.1017	35.0123	NC	4275	-0.8	-76.1316	34.9908	NC
4132	-5.4	-76.0724	35.0323	NC	4204	-0.8	-76.1021	35.012	NC	4276	-0.8	-76.132	34.9905	NC
4133	-5.3	-76.0728	35.032	NC	4205	-0.6	-76.1026	35.0117	NC	4277	-0.8	-76.1324	34.9901	NC
4134	-5.2	-76.0732	35.0318	NC	4206	-0.6	-76.103	35.0114	NC	4278	-0.8	-76.1328	34.9898	NC
4135	-5.1	-76.0737	35.0315	NC	4207	-0.7	-76.1034	35.0111	NC	4279	-0.8	-76.1332	34.9895	NC
4136	-4.9	-76.0741	35.0312	NC	4208	-0.6	-76.1039	35.0108	NC	4280	-0.9	-76.1336	34.9892	NC
4137	-4.7	-76.0746	35.0309	NC	4209	-0.4	-76.1043	35.0105	NC	4281	-0.9	-76.134	34.9889	NC
4138	-4.6	-76.075	35.0306	NC	4210	-0.5	-76.1047	35.0102	NC	4282	-0.8	-76.1345	34.9886	NC
4139	-4.7	-76.0755	35.0303	NC	4211	-0.4	-76.1051	35.0099	NC	4283	-0.9	-76.1349	34.9883	NC
4140	-4.6	-76.0759	35.03	NC	4212	-0.3	-76.1056	35.0096	NC	4284	-0.6	-76.1353	34.9879	NC
4141	-4.6	-76.0763	35.0297	NC	4213	-0.2	-76.106	35.0093	NC	4285	-0.8	-76.1357	34.9876	NC
4142	-4.6	-76.0768	35.0294	NC	4214	-0.3	-76.1064	35.009	NC	4286	-0.8	-76.1361	34.9873	NC
4143	-4.6	-76.0772	35.0291	NC	4215	-0.3	-76.1068	35.0087	NC	4287	-1	-76.1365	34.987	NC
4144	-4.5	-76.0777	35.0289	NC	4216	-0.2	-76.1073	35.0084	NC	4288	-0.9	-76.1369	34.9867	NC
4145	-4.4	-76.0781	35.0286	NC	4217	-0.1	-76.1077	35.0081	NC	4289	-0.7	-76.1373	34.9864	NC
4146	-4.5	-76.0786	35.0283	NC	4218	-0.3	-76.1081	35.0078	NC	4290	-0.6	-76.1378	34.9861	NC
4147	-4.5	-76.079	35.028	NC	4219	-0.3	-76.1086	35.0075	NC	4291	-0.6	-76.1382	34.9857	NC
4148	-4.5	-76.0794	35.0277	NC	4220	-0.1	-76.109	35.0072	NC	4292	-0.7	-76.1386	34.9854	NC
4149	-4.5	-76.0799	35.0274	NC	4221	0	-76.1094	35.0069	NC	4293	-0.6	-76.139	34.9851	NC
4150	-4.6	-76.0803	35.0271	NC	4222	0.2	-76.1098	35.0066	NC	4294	-0.5	-76.1394	34.9848	NC
4151	-4.5	-76.0808	35.0268	NC	4223	0.4	-76.1103	35.0063	NC	4295	-0.5	-76.1398	34.9845	NC
4152	-4.5	-76.0812	35.0265	NC	4224	0.5	-76.1107	35.006	NC	4296	-0.5	-76.1402	34.9842	NC
4153	-4.2	-76.0816	35.0262	NC	4225	0.6	-76.1111	35.0057	NC	4297	-0.3	-76.1406	34.9839	NC
4154	-4.1	-76.0821	35.026	NC	4226	0.5	-76.1116	35.0054	NC	4298	-0.5	-76.1411	34.9835	NC
4155	-4.1	-76.0825	35.0257	NC	4227	0.4	-76.112	35.0051	NC	4299	-0.9	-76.1416	34.9833	NC
4156	-3.9	-76.083	35.0254	NC	4228	0.4	-76.1124	35.0048	NC	4300	-0.3	-76.1415	34.9832	NC
4157	-3.7	-76.0833	35.0252	NC	4229	0.5	-76.1128	35.0045	NC	4301	-0.9	-76.142	34.983	NC
4158	-3.8	-76.0834	35.0251	NC	4230	1.5	-76.1138	35.0043	NC	4302	-0.2	-76.1419	34.9829	NC
4159	-3.7	-76.0837	35.0249	NC	4231	0.5	-76.1133	35.0042	NC	4303	-1	-76.1424	34.9827	NC
4160	-3.8	-76.0839	35.0248	NC	4232	2.2	-76.1142	35.004	NC	4304	-0.3	-76.1423	34.9826	NC
4161	-3.5	-76.0842	35.0246	NC	4233	0.8	-76.1137	35.0039	NC	4305	-1.1	-76.1429	34.9824	NC
4162	-3.8	-76.0843	35.0245	NC	4234	-1.6	-76.1147	35.0036	NC	4306	-1.2	-76.1433	34.982	NC
4163	-3.3	-76.0846	35.0243	NC	4235	-2.4	-76.1151	35.0033	NC	4307	-1.2	-76.1437	34.9817	NC
4164	-3.2	-76.085	35.024	NC	4236	-2.1	-76.1155	35.003	NC	4308	-1.4	-76.1441	34.9814	NC
4165	-3.1	-76.0854	35.0237	NC	4237	-2	-76.1159	35.0027	NC	4309	-1.4	-76.1445	34.9811	NC
4166	-2.9	-76.0859	35.0234	NC	4238	-1.5	-76.1163	35.0024	NC	4310	-1.4	-76.1449	34.9808	NC
4167	-2.6	-76.0863	35.0231	NC	4239	1.1	-76.1167	35.0021	NC	4311	-1.5	-76.1454	34.9805	NC
4168	-2.6	-76.0867	35.0228	NC	4240	0.1	-76.1171	35.0018	NC	4312	-1.4	-76.1458	34.9802	NC
4169	-2.6	-76.0872	35.0225	NC	4241	-0.9	-76.1175	35.0014	NC	4313	-1.4	-76.1462	34.9798	NC
4170	-2.7	-76.0876	35.0222	NC	4242	-1	-76.118	35.0011	NC	4314	-1.4	-76.1466	34.9795	NC
4171	-2.7	-76.088	35.0219	NC	4243	-1	-76.1184	35.0008	NC	4315	-1.5	-76.147	34.9792	NC
4172	-2.5	-76.0884	35.0216	NC	4244	-1	-76.1188	35.0005	NC	4316	-1.7	-76.1474	34.9789	NC
4173	-2.2	-76.0889	35.0213	NC	4245	-1	-76.1192	35.0002	NC	4317	-1.9	-76.1479	34.9786	NC
4174	-2.2	-76.0893	35.021	NC	4246	-0.9	-76.1196	34.9999	NC	4318	-1.9	-76.1483	34.9783	NC
4175	-2.1	-76.0897	35.0207	NC	4247	-0.7	-76.12	34.9996	NC	4319	-2	-76.1487	34.978	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4320	-1.6	-76.1491	34.9776	NC	4392	-0.9	-76.1776	34.9564	NC	4464	-1.7	-76.2052	34.9338	NC
4321	-1.2	-76.1495	34.9773	NC	4393	-0.9	-76.178	34.9561	NC	4465	-1.8	-76.2056	34.9335	NC
4322	-1.2	-76.1499	34.977	NC	4394	-0.9	-76.1784	34.9557	NC	4466	-1.9	-76.206	34.9332	NC
4323	-1	-76.1504	34.9767	NC	4395	-1	-76.1788	34.9554	NC	4467	-1.9	-76.2064	34.9328	NC
4324	-0.9	-76.1508	34.9764	NC	4396	-0.9	-76.1792	34.9551	NC	4468	-1.9	-76.2068	34.9325	NC
4325	-0.7	-76.1512	34.9761	NC	4397	-0.8	-76.1796	34.9548	NC	4469	-2.1	-76.2072	34.9322	NC
4326	-0.4	-76.1516	34.9758	NC	4398	-0.9	-76.18	34.9544	NC	4470	-2.2	-76.2076	34.9318	NC
4327	-0.1	-76.152	34.9754	NC	4399	-1	-76.1804	34.9541	NC	4471	-2.3	-76.208	34.9315	NC
4328	-3.3	-76.1524	34.9751	NC	4400	-0.9	-76.1808	34.9538	NC	4472	-2.1	-76.2084	34.9312	NC
4329	-3.4	-76.1529	34.9748	NC	4401	-1.1	-76.1812	34.9534	NC	4473	-1.5	-76.2087	34.9308	NC
4330	-3.3	-76.1533	34.9745	NC	4402	-1.1	-76.1816	34.9531	NC	4474	-1.8	-76.2091	34.9305	NC
4331	-3.3	-76.1537	34.9742	NC	4403	-1.1	-76.182	34.9528	NC	4475	-2	-76.2095	34.9302	NC
4332	-3.2	-76.1541	34.9739	NC	4404	-1.1	-76.1824	34.9525	NC	4476	-2.3	-76.2099	34.9298	NC
4333	-3	-76.1545	34.9736	NC	4405	-1.1	-76.1828	34.9521	NC	4477	-2.5	-76.2103	34.9295	NC
4334	-3	-76.1549	34.9732	NC	4406	-0.9	-76.1832	34.9518	NC	4478	-2.4	-76.2107	34.9292	NC
4335	1.1	-76.1554	34.9729	NC	4407	-0.7	-76.1836	34.9515	NC	4479	-2.4	-76.2111	34.9288	NC
4336	0.6	-76.1558	34.9726	NC	4408	-0.9	-76.184	34.9511	NC	4480	-2.1	-76.2115	34.9285	NC
4337	0.1	-76.1562	34.9723	NC	4409	-1.1	-76.1844	34.9508	NC	4481	-1.8	-76.2119	34.9282	NC
4338	0.1	-76.1566	34.972	NC	4410	-1.1	-76.1848	34.9505	NC	4482	-1.8	-76.2123	34.9278	NC
4339	0.2	-76.157	34.9717	NC	4411	-1.1	-76.1852	34.9502	NC	4483	-1.9	-76.2127	34.9275	NC
4340	0.2	-76.1574	34.9714	NC	4412	-1	-76.1856	34.9498	NC	4484	-1.5	-76.2131	34.9272	NC
4341	0.1	-76.1579	34.9711	NC	4413	-1	-76.186	34.9495	NC	4485	-1.2	-76.2135	34.9268	NC
4342	0.1	-76.1583	34.9707	NC	4414	-1	-76.1864	34.9492	NC	4486	-1.3	-76.2139	34.9265	NC
4343	-0.1	-76.1587	34.9704	NC	4415	-1	-76.1868	34.9488	NC	4487	-1.5	-76.2143	34.9262	NC
4344	-0.2	-76.1591	34.9701	NC	4416	-1	-76.1872	34.9485	NC	4488	-1.6	-76.2147	34.9258	NC
4345	-0.3	-76.1595	34.9698	NC	4417	-0.9	-76.1876	34.9482	NC	4489	-1.8	-76.2151	34.9255	NC
4346	-0.4	-76.1599	34.9695	NC	4418	-1	-76.188	34.9479	NC	4490	-1.6	-76.2155	34.9252	NC
4347	-0.4	-76.1604	34.9692	NC	4419	-0.9	-76.1884	34.9475	NC	4491	-1.3	-76.2158	34.9248	NC
4348	-0.5	-76.1608	34.9689	NC	4420	-1.1	-76.1888	34.9472	NC	4492	-1.1	-76.2162	34.9245	NC
4349	-0.5	-76.1612	34.9685	NC	4421	-1.1	-76.1892	34.9469	NC	4493	-0.7	-76.2166	34.9242	NC
4350	-0.6	-76.1616	34.9682	NC	4422	-1.1	-76.1896	34.9465	NC	4494	-1.3	-76.217	34.9238	NC
4351	-0.5	-76.162	34.9679	NC	4423	-1	-76.19	34.9462	NC	4495	-1.9	-76.2174	34.9235	NC
4352	-0.5	-76.1624	34.9676	NC	4424	-1.2	-76.1904	34.9459	NC	4496	-1.9	-76.2178	34.9232	NC
4353	-0.6	-76.1629	34.9673	NC	4425	-1.4	-76.1908	34.9456	NC	4497	-1.8	-76.2182	34.9228	NC
4354	-0.3	-76.1633	34.967	NC	4426	-1.2	-76.1912	34.9452	NC	4498	-1	-76.2186	34.9225	NC
4355	0	-76.1637	34.9667	NC	4427	-1.2	-76.1916	34.9449	NC	4499	-0.2	-76.219	34.9222	NC
4356	-0.1	-76.1641	34.9663	NC	4428	-1.3	-76.192	34.9446	NC	4500	-0.9	-76.2194	34.9219	NC
4357	-0.1	-76.1645	34.966	NC	4429	-1.4	-76.1924	34.9443	NC	4501	-1.4	-76.2198	34.9215	NC
4358	-0.1	-76.1649	34.9657	NC	4430	-1.4	-76.1928	34.9439	NC	4502	-1.5	-76.2202	34.9212	NC
4359	-0.1	-76.1654	34.9654	NC	4431	-1.2	-76.1932	34.9436	NC	4503	-1.8	-76.2206	34.9209	NC
4360	-0.1	-76.1658	34.9651	NC	4432	-1.2	-76.1936	34.9433	NC	4504	-1.8	-76.221	34.9205	NC
4361	-0.2	-76.1662	34.9648	NC	4433	-1.2	-76.194	34.9429	NC	4505	-1.6	-76.2214	34.9202	NC
4362	-0.1	-76.1666	34.9645	NC	4434	-1.3	-76.1944	34.9426	NC	4506	-1.7	-76.2218	34.9199	NC
4363	-0.1	-76.167	34.9641	NC	4435	-1.3	-76.1948	34.9423	NC	4507	-1.8	-76.2222	34.9195	NC
4364	-0.1	-76.1674	34.9638	NC	4436	-1.3	-76.1952	34.942	NC	4508	-1.6	-76.2226	34.9192	NC
4365	-0.1	-76.1679	34.9635	NC	4437	-1.2	-76.1956	34.9416	NC	4509	-1.4	-76.2229	34.9189	NC
4366	-0.2	-76.1683	34.9632	NC	4438	-1.3	-76.196	34.9413	NC	4510	-1.5	-76.2233	34.9185	NC
4367	-0.2	-76.1687	34.9629	NC	4439	-1.3	-76.1964	34.941	NC	4511	-1.4	-76.2237	34.9182	NC
4368	-0.2	-76.1691	34.9626	NC	4440	-1.4	-76.1968	34.9406	NC	4512	-1.3	-76.2241	34.9179	NC
4369	-0.3	-76.1704	34.9623	NC	4441	-1.5	-76.1972	34.9403	NC	4513	-1.1	-76.2245	34.9175	NC
4370	-0.3	-76.1695	34.9623	NC	4442	-1.5	-76.1976	34.94	NC	4514	-1.5	-76.2249	34.9172	NC
4371	-0.4	-76.1708	34.962	NC	4443	-0.9	-76.1981	34.9398	NC	4515	-2	-76.2253	34.9169	NC
4372	-0.3	-76.1699	34.9619	NC	4444	-1.4	-76.198	34.9397	NC	4516	-1.5	-76.2257	34.9165	NC
4373	-0.5	-76.1712	34.9616	NC	4445	-1	-76.1985	34.9395	NC	4517	-1.8	-76.2253	34.9164	NC
4374	-0.4	-76.1704	34.9616	NC	4446	-1.1	-76.1984	34.9393	NC	4518	-1.1	-76.2261	34.9162	NC
4375	-0.6	-76.1716	34.9613	NC	4447	-1.1	-76.1989	34.9391	NC	4519	-1.9	-76.2257	34.9161	NC
4376	-0.4	-76.1708	34.9613	NC	4448	-1	-76.1988	34.939	NC	4520	-2	-76.2261	34.9158	NC
4377	-0.8	-76.172	34.961	NC	4449	-1.1	-76.1993	34.9388	NC	4521	-1.9	-76.2266	34.9155	NC
4378	-0.4	-76.1712	34.961	NC	4450	-1.3	-76.1997	34.9385	NC	4522	-1.9	-76.227	34.9152	NC
4379	-0.9	-76.1724	34.9607	NC	4451	-1.3	-76.2001	34.9381	NC	4523	-1.6	-76.2274	34.9148	NC
4380	-0.9	-76.1728	34.9603	NC	4452	-1.4	-76.2005	34.9378	NC	4524	-1.6	-76.2278	34.9145	NC
4381	-0.9	-76.1732	34.96	NC	4453	-1.3	-76.2009	34.9375	NC	4525	-1.6	-76.2282	34.9142	NC
4382	-0.9	-76.1736	34.9597	NC	4454	-1.4	-76.2013	34.9371	NC	4526	-1.7	-76.2286	34.9139	NC
4383	-1	-76.174	34.9593	NC	4455	-1.5	-76.2016	34.9368	NC	4527	-1.6	-76.2291	34.9136	NC
4384	-0.9	-76.1744	34.959	NC	4456	-1.4	-76.202	34.9365	NC	4528	-1.5	-76.2295	34.9133	NC
4385	-0.9	-76.1748	34.9587	NC	4457	-1.5	-76.2024	34.9361	NC	4529	-1.1	-76.2299	34.913	NC
4386	-0.9	-76.1752	34.9584	NC	4458	-1.5	-76.2028	34.9358	NC	4530	-1	-76.2303	34.9127	NC
4387	-0.8	-76.1756	34.958	NC	4459	-1.3	-76.2032	34.9355	NC	4531	-1	-76.2307	34.9124	NC
4388	-0.9	-76.176	34.9577	NC	4460	-1.6	-76.2036	34.9351	NC	4532	-0.9	-76.2311	34.912	NC
4389	-1	-76.1764	34.9574	NC	4461	-1.7	-76.204	34.9348	NC	4533	-0.9	-76.2316	34.9117	NC
4390	-1	-76.1768	34.957	NC	4462	-1.7	-76.2044	34.9345	NC	4534	-1	-76.232	34.9114	NC
4391	-0.9	-76.1772	34.9567	NC	4463	-1.7	-76.2048	34.9341	NC	4535	-1.1	-76.2324	34.9111	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4536	-1.3	-76.2328	34.9108	NC	4608	-0.6	-76.2614	34.8898	NC	4680	-1	-76.2893	34.8681	NC
4537	-1.5	-76.2332	34.9105	NC	4609	-0.4	-76.2618	34.8895	NC	4681	-1	-76.2897	34.8678	NC
4538	-1.4	-76.2336	34.9102	NC	4610	-0.3	-76.2622	34.8891	NC	4682	-1	-76.2901	34.8674	NC
4539	-1.3	-76.2341	34.9099	NC	4611	-0.2	-76.2626	34.8888	NC	4683	-1	-76.2905	34.8671	NC
4540	-1.2	-76.2345	34.9096	NC	4612	0	-76.263	34.8885	NC	4684	-1.1	-76.2909	34.8668	NC
4541	-1.1	-76.2349	34.9092	NC	4613	0.2	-76.2634	34.8882	NC	4685	-1.1	-76.2912	34.8664	NC
4542	-1.2	-76.2353	34.9089	NC	4614	0.2	-76.2638	34.8879	NC	4686	-1.3	-76.2916	34.8661	NC
4543	-1.4	-76.2357	34.9086	NC	4615	0.2	-76.2642	34.8875	NC	4687	-1.2	-76.292	34.8657	NC
4544	-1.3	-76.2361	34.9083	NC	4616	0.2	-76.2646	34.8872	NC	4688	-1.4	-76.2924	34.8654	NC
4545	-1.3	-76.2366	34.908	NC	4617	0.2	-76.265	34.8869	NC	4689	-1.5	-76.2928	34.8651	NC
4546	-1.4	-76.237	34.9077	NC	4618	0.2	-76.2654	34.8866	NC	4690	-1.5	-76.2932	34.8647	NC
4547	-1.4	-76.2374	34.9074	NC	4619	0.2	-76.2658	34.8863	NC	4691	-1.5	-76.2936	34.8644	NC
4548	-1.2	-76.2378	34.9071	NC	4620	0.2	-76.2663	34.886	NC	4692	-1.7	-76.294	34.8641	NC
4549	-0.9	-76.2382	34.9068	NC	4621	0.2	-76.2667	34.8856	NC	4693	-1.9	-76.2944	34.8637	NC
4550	-1.1	-76.2386	34.9064	NC	4622	0.3	-76.2671	34.8853	NC	4694	-2.1	-76.2947	34.8634	NC
4551	-1.3	-76.2391	34.9061	NC	4623	0.3	-76.2675	34.885	NC	4695	-2.2	-76.2951	34.863	NC
4552	-1.5	-76.2395	34.9058	NC	4624	0.3	-76.2679	34.8847	NC	4696	-2.4	-76.2955	34.8627	NC
4553	-1.6	-76.2399	34.9055	NC	4625	0.3	-76.2683	34.8844	NC	4697	-2.6	-76.2959	34.8624	NC
4554	-1.5	-76.2403	34.9052	NC	4626	0.4	-76.2687	34.884	NC	4698	-2.6	-76.2963	34.862	NC
4555	-1.5	-76.2407	34.9049	NC	4627	0.4	-76.2691	34.8837	NC	4699	-2.5	-76.2967	34.8617	NC
4556	-1.2	-76.2411	34.9046	NC	4628	0.4	-76.2695	34.8834	NC	4700	-2.6	-76.2971	34.8614	NC
4557	-0.8	-76.2416	34.9043	NC	4629	0.5	-76.2699	34.8831	NC	4701	-2.7	-76.2975	34.861	NC
4558	-0.8	-76.242	34.9039	NC	4630	0.8	-76.2703	34.8828	NC	4702	-2.8	-76.2978	34.8607	NC
4559	-0.7	-76.2424	34.9036	NC	4631	1.1	-76.2707	34.8824	NC	4703	-2.8	-76.2982	34.8603	NC
4560	-0.7	-76.2428	34.9033	NC	4632	1.5	-76.2712	34.8821	NC	4704	-2.7	-76.2986	34.86	NC
4561	-0.8	-76.2432	34.903	NC	4633	1.9	-76.2716	34.8818	NC	4705	-2.7	-76.299	34.8597	NC
4562	-1.1	-76.2436	34.9027	NC	4634	2.5	-76.272	34.8815	NC	4706	-2.9	-76.2994	34.8593	NC
4563	-1.3	-76.2441	34.9024	NC	4635	3.1	-76.2724	34.8812	NC	4707	-2.9	-76.2998	34.859	NC
4564	-1.5	-76.2445	34.9021	NC	4636	1.8	-76.2728	34.8809	NC	4708	-2.9	-76.3002	34.8587	NC
4565	-1.7	-76.2449	34.9018	NC	4637	3.5	-76.2732	34.8805	NC	4709	-2.9	-76.3006	34.8583	NC
4566	-1.8	-76.2453	34.9015	NC	4638	6.6	-76.2736	34.8802	NC	4710	-3	-76.301	34.858	NC
4567	-1.8	-76.2457	34.9011	NC	4639	9.6	-76.274	34.8799	NC	4711	-3	-76.3013	34.8576	NC
4568	-1.8	-76.2461	34.9008	NC	4640	3.3	-76.2744	34.8796	NC	4712	-3	-76.3017	34.8573	NC
4569	-1.7	-76.2466	34.9005	NC	4641	1.8	-76.2748	34.8793	NC	4713	-3.2	-76.3021	34.857	NC
4570	-1.7	-76.247	34.9002	NC	4642	-1	-76.2752	34.8789	NC	4714	-3.2	-76.3025	34.8566	NC
4571	-1.7	-76.2474	34.8999	NC	4643	-3.6	-76.2756	34.8786	NC	4715	-2.8	-76.3029	34.8563	NC
4572	-1.6	-76.2478	34.8996	NC	4644	-3.5	-76.2761	34.8783	NC	4716	-2.5	-76.3033	34.8559	NC
4573	-1.6	-76.2482	34.8993	NC	4645	-3.2	-76.2765	34.878	NC	4717	-2.4	-76.3037	34.8556	NC
4574	-1.5	-76.2486	34.899	NC	4646	-4.1	-76.2769	34.8777	NC	4718	-2.3	-76.3041	34.8553	NC
4575	-1.4	-76.2491	34.8987	NC	4647	9.2	-76.2773	34.8774	NC	4719	-2.2	-76.3045	34.8549	NC
4576	-1.4	-76.2495	34.8983	NC	4648	5.8	-76.2777	34.877	NC	4720	-1.9	-76.3048	34.8546	NC
4577	-1.3	-76.2499	34.898	NC	4649	2.2	-76.2781	34.8767	NC	4721	-1.9	-76.3052	34.8543	NC
4578	-1.2	-76.2503	34.8977	NC	4650	1.3	-76.2785	34.8764	NC	4722	-2.1	-76.3056	34.8539	NC
4579	-1.3	-76.2507	34.8974	NC	4651	0.4	-76.2789	34.8761	NC	4723	-2.4	-76.306	34.8536	NC
4580	-1.3	-76.2511	34.8971	NC	4652	0.2	-76.2793	34.8758	NC	4724	-2.8	-76.3064	34.8532	NC
4581	-1	-76.2516	34.8968	NC	4653	0	-76.2797	34.8754	NC	4725	-3.1	-76.3068	34.8529	NC
4582	-1.2	-76.252	34.8965	NC	4654	0	-76.2801	34.8751	NC	4726	-3.5	-76.3072	34.8526	NC
4583	-1.3	-76.2524	34.8962	NC	4655	-0.1	-76.2805	34.8748	NC	4727	-3.9	-76.3076	34.8522	NC
4584	-1.3	-76.2528	34.8959	NC	4656	-0.1	-76.281	34.8745	NC	4728	-4.6	-76.308	34.8519	NC
4585	-0.8	-76.254	34.8955	NC	4657	-0.1	-76.2823	34.8742	NC	4729	-5.4	-76.3083	34.8516	NC
4586	-1.4	-76.2532	34.8955	NC	4658	0	-76.2814	34.8742	NC	4730	-7.2	-76.3088	34.8513	NC
4587	-0.9	-76.2544	34.8952	NC	4659	0	-76.2827	34.8739	NC	4731	-6	-76.3087	34.8512	NC
4588	-1.5	-76.2536	34.8952	NC	4660	0	-76.2818	34.8739	NC	4732	-8.4	-76.3092	34.851	NC
4589	-0.9	-76.2548	34.8949	NC	4661	0.1	-76.2831	34.8735	NC	4733	-6.9	-76.3091	34.8509	NC
4590	-1.4	-76.2541	34.8949	NC	4662	0	-76.2822	34.8735	NC	4734	-9.1	-76.3096	34.8506	NC
4591	-1.4	-76.2545	34.8946	NC	4663	0.1	-76.2835	34.8732	NC	4735	-8	-76.3095	34.8505	NC
4592	-0.8	-76.2552	34.8945	NC	4664	0	-76.2826	34.8732	NC	4736	-9.6	-76.31	34.8503	NC
4593	-1.5	-76.2549	34.8943	NC	4665	0	-76.283	34.8729	NC	4737	-9	-76.3099	34.8502	NC
4594	-1.1	-76.2556	34.8942	NC	4666	0.1	-76.2839	34.8728	NC	4738	-10.2	-76.3103	34.8499	NC
4595	-1.4	-76.256	34.8939	NC	4667	0	-76.2842	34.8725	NC	4739	-11	-76.3107	34.8496	NC
4596	-1.3	-76.2565	34.8936	NC	4668	-0.1	-76.2846	34.8722	NC	4740	-11.7	-76.3111	34.8493	NC
4597	-1.2	-76.2569	34.8933	NC	4669	-0.1	-76.285	34.8718	NC	4741	-12.5	-76.3115	34.8489	NC
4598	-1.2	-76.2573	34.893	NC	4670	-0.3	-76.2854	34.8715	NC	4742	-14.2	-76.3119	34.8486	NC
4599	-1.2	-76.2577	34.8926	NC	4671	-0.3	-76.2858	34.8712	NC	4743	-2.1	-76.3123	34.8482	NC
4600	-1.1	-76.2581	34.8923	NC	4672	-0.4	-76.2862	34.8708	NC	4744	-2.3	-76.3127	34.8479	NC
4601	-1.1	-76.2585	34.892	NC	4673	-0.4	-76.2866	34.8705	NC	4745	-2.5	-76.3131	34.8476	NC
4602	-1.2	-76.2589	34.8917	NC	4674	-0.6	-76.287	34.8701	NC	4746	-2.4	-76.3134	34.8472	NC
4603	-1.3	-76.2593	34.8914	NC	4675	-0.7	-76.2874	34.8698	NC	4747	-18.5	-76.3138	34.8469	NC
4604	-1.1	-76.2597	34.891	NC	4676	-0.8	-76.2877	34.8695	NC	4748	-16.1	-76.3142	34.8465	NC
4605	-1	-76.2601	34.8907	NC	4677	-0.9	-76.2881	34.8691	NC	4749	-14.9	-76.3146	34.8462	NC
4606	-0.8	-76.2605	34.8904	NC	4678	-0.8	-76.2885	34.8688	NC	4750	-13.9	-76.315	34.8458	NC
4607	-0.6	-76.2609	34.8901	NC	4679	-0.7	-76.2889	34.8685	NC	4751	-12.7	-76.3154	34.8455	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4752	-11.8	-76.3158	34.8452	NC	4824	-2.7	-76.3422	34.8216	NC	4896	-0.5	-76.368	34.7976	NC
4753	-11	-76.3162	34.8448	NC	4825	-2.6	-76.3426	34.8213	NC	4897	-0.5	-76.3684	34.7973	NC
4754	-10.7	-76.3165	34.8445	NC	4826	-2.5	-76.3429	34.8209	NC	4898	-0.5	-76.3687	34.7969	NC
4755	-10.4	-76.3169	34.8441	NC	4827	-2.4	-76.3433	34.8206	NC	4899	-0.4	-76.3691	34.7966	NC
4756	-9.9	-76.3173	34.8438	NC	4828	-2.4	-76.3437	34.8203	NC	4900	-0.6	-76.3695	34.7962	NC
4757	-9.2	-76.3177	34.8435	NC	4829	-2	-76.3441	34.8199	NC	4901	-0.6	-76.3698	34.7959	NC
4758	-8.5	-76.3181	34.8431	NC	4830	-2.1	-76.3444	34.8196	NC	4902	-0.6	-76.3702	34.7955	NC
4759	-7.7	-76.3185	34.8428	NC	4831	-2	-76.3448	34.8192	NC	4903	-0.5	-76.3706	34.7952	NC
4760	-7	-76.3189	34.8424	NC	4832	-1.9	-76.3452	34.8189	NC	4904	-0.7	-76.371	34.7948	NC
4761	-6.8	-76.3193	34.8421	NC	4833	-1.8	-76.3456	34.8185	NC	4905	-0.8	-76.3713	34.7945	NC
4762	-6.5	-76.3196	34.8418	NC	4834	-1.9	-76.3459	34.8182	NC	4906	-0.8	-76.3717	34.7941	NC
4763	-6.2	-76.32	34.8414	NC	4835	-1.8	-76.3463	34.8178	NC	4907	-0.8	-76.3721	34.7938	NC
4764	-6	-76.3204	34.8411	NC	4836	-1.7	-76.3467	34.8175	NC	4908	-0.9	-76.3724	34.7934	NC
4765	-5.7	-76.3208	34.8407	NC	4837	-1.5	-76.3471	34.8172	NC	4909	-0.7	-76.3728	34.7931	NC
4766	-5.8	-76.3212	34.8404	NC	4838	-1.5	-76.3474	34.8168	NC	4910	-0.7	-76.3732	34.7927	NC
4767	-5.8	-76.3216	34.8401	NC	4839	-1.4	-76.3478	34.8165	NC	4911	-0.6	-76.3735	34.7924	NC
4768	-5.8	-76.322	34.8397	NC	4840	-1.4	-76.3482	34.8161	NC	4912	-0.8	-76.3739	34.792	NC
4769	-5.8	-76.3224	34.8394	NC	4841	-1.5	-76.3486	34.8158	NC	4913	-0.9	-76.3743	34.7917	NC
4770	-5.8	-76.3227	34.839	NC	4842	-1.5	-76.3489	34.8154	NC	4914	-0.7	-76.3747	34.7913	NC
4771	-5.8	-76.3231	34.8387	NC	4843	-1.6	-76.3493	34.8151	NC	4915	-0.5	-76.375	34.791	NC
4772	-5.7	-76.3235	34.8383	NC	4844	-1.6	-76.3497	34.8148	NC	4916	-0.5	-76.3754	34.7906	NC
4773	-5.5	-76.3239	34.838	NC	4845	-1.7	-76.3501	34.8144	NC	4917	-0.3	-76.3758	34.7903	NC
4774	-5.6	-76.3243	34.8377	NC	4846	-1.6	-76.3504	34.8141	NC	4918	-0.5	-76.3761	34.7899	NC
4775	-5.7	-76.3247	34.8373	NC	4847	-1.7	-76.3508	34.8137	NC	4919	-0.5	-76.3765	34.7896	NC
4776	-5.7	-76.3251	34.837	NC	4848	-1.5	-76.3512	34.8134	NC	4920	-0.3	-76.3769	34.7892	NC
4777	-5.7	-76.3255	34.8366	NC	4849	-1.3	-76.3516	34.813	NC	4921	-0.3	-76.3773	34.7889	NC
4778	-5.7	-76.3258	34.8363	NC	4850	-1.2	-76.3519	34.8127	NC	4922	-0.4	-76.3776	34.7885	NC
4779	-5.7	-76.3262	34.836	NC	4851	-1.1	-76.3523	34.8123	NC	4923	-0.3	-76.378	34.7882	NC
4780	-5.6	-76.3266	34.8356	NC	4852	-1.2	-76.3527	34.812	NC	4924	-0.3	-76.3784	34.7878	NC
4781	-5.3	-76.327	34.8353	NC	4853	-1.2	-76.3531	34.8117	NC	4925	-0.3	-76.3787	34.7875	NC
4782	-5.1	-76.3274	34.8349	NC	4854	-0.6	-76.3534	34.8113	NC	4926	-0.5	-76.3791	34.7871	NC
4783	-4.9	-76.3278	34.8346	NC	4855	-0.2	-76.3538	34.811	NC	4927	-0.3	-76.3795	34.7868	NC
4784	-5.2	-76.3282	34.8343	NC	4856	-0.2	-76.3542	34.8106	NC	4928	-0.5	-76.3798	34.7864	NC
4785	-5.3	-76.3286	34.8339	NC	4857	-0.3	-76.3546	34.8103	NC	4929	-0.3	-76.3802	34.7861	NC
4786	-5.2	-76.3289	34.8336	NC	4858	-0.1	-76.3549	34.8099	NC	4930	-0.2	-76.3806	34.7857	NC
4787	-5.1	-76.3293	34.8332	NC	4859	0	-76.3553	34.8096	NC	4931	-0.1	-76.381	34.7854	NC
4788	-5.2	-76.3297	34.8329	NC	4860	-0.2	-76.3557	34.8093	NC	4932	-0.3	-76.3813	34.785	NC
4789	-5.1	-76.3301	34.8326	NC	4861	-0.4	-76.3561	34.8089	NC	4933	-0.3	-76.3817	34.7847	NC
4790	-5.1	-76.3305	34.8322	NC	4862	-0.3	-76.3564	34.8086	NC	4934	-0.3	-76.3821	34.7843	NC
4791	-5.1	-76.3309	34.8319	NC	4863	-0.1	-76.3568	34.8082	NC	4935	-0.4	-76.3824	34.784	NC
4792	-5.2	-76.3313	34.8315	NC	4864	-0.1	-76.3572	34.8079	NC	4936	-0.4	-76.3828	34.7836	NC
4793	-5.2	-76.3317	34.8312	NC	4865	-0.2	-76.3576	34.8075	NC	4937	-0.6	-76.3832	34.7833	NC
4794	-5.2	-76.332	34.8308	NC	4866	-0.4	-76.3579	34.8072	NC	4938	-0.5	-76.3835	34.7829	NC
4795	-5.2	-76.3324	34.8305	NC	4867	-0.6	-76.3583	34.8068	NC	4939	-0.4	-76.3839	34.7826	NC
4796	-5	-76.3328	34.8302	NC	4868	-0.5	-76.3587	34.8065	NC	4940	-0.3	-76.3839	34.7824	NC
4797	-4.8	-76.3332	34.8298	NC	4869	-0.5	-76.3591	34.8062	NC	4941	-0.5	-76.3843	34.7822	NC
4798	-4.7	-76.3336	34.8295	NC	4870	-0.4	-76.3594	34.8058	NC	4942	-0.5	-76.3842	34.7821	NC
4799	-4.6	-76.334	34.8291	NC	4871	-0.2	-76.3598	34.8055	NC	4943	-0.7	-76.3847	34.7819	NC
4800	-4.5	-76.3344	34.8288	NC	4872	0.1	-76.3598	34.8053	NC	4944	-0.6	-76.3845	34.7817	NC
4801	-4.3	-76.3348	34.8285	NC	4873	0	-76.3602	34.8051	NC	4945	-0.9	-76.3849	34.7813	NC
4802	-4.3	-76.3351	34.8281	NC	4874	0.3	-76.3602	34.805	NC	4946	-0.7	-76.3852	34.7809	NC
4803	-3.4	-76.3354	34.8278	NC	4875	0.3	-76.3606	34.8048	NC	4947	-0.4	-76.3856	34.7806	NC
4804	-4.2	-76.3355	34.8278	NC	4876	0.3	-76.3606	34.8046	NC	4948	-0.3	-76.3859	34.7802	NC
4805	-3.5	-76.3358	34.8275	NC	4877	0.3	-76.361	34.8043	NC	4949	-0.2	-76.3862	34.7798	NC
4806	-4.1	-76.3359	34.8274	NC	4878	0.2	-76.3613	34.8039	NC	4950	-0.1	-76.3866	34.7795	NC
4807	-3.4	-76.3362	34.8271	NC	4879	-0.1	-76.3617	34.8036	NC	4951	0	-76.3869	34.7791	NC
4808	-4.1	-76.3363	34.8271	NC	4880	0	-76.3621	34.8032	NC	4952	-0.3	-76.3873	34.7787	NC
4809	-3.5	-76.3366	34.8268	NC	4881	0	-76.3624	34.8029	NC	4953	-0.6	-76.3876	34.7784	NC
4810	-3.6	-76.3369	34.8264	NC	4882	0	-76.3628	34.8025	NC	4954	-0.5	-76.3879	34.778	NC
4811	-3.6	-76.3373	34.8261	NC	4883	-0.2	-76.3632	34.8022	NC	4955	-0.1	-76.3883	34.7776	NC
4812	-3.3	-76.3377	34.8258	NC	4884	-0.2	-76.3635	34.8018	NC	4956	-0.2	-76.3886	34.7773	NC
4813	-3.1	-76.3381	34.8254	NC	4885	-0.2	-76.3639	34.8015	NC	4957	-0.2	-76.3889	34.7769	NC
4814	-3	-76.3384	34.8251	NC	4886	-0.1	-76.3643	34.8011	NC	4958	-0.4	-76.3893	34.7765	NC
4815	-3	-76.3388	34.8247	NC	4887	-0.1	-76.3647	34.8008	NC	4959	-0.6	-76.3896	34.7762	NC
4816	-3	-76.3392	34.8244	NC	4888	-0.1	-76.365	34.8004	NC	4960	-0.8	-76.39	34.7758	NC
4817	-3	-76.3396	34.824	NC	4889	0	-76.3654	34.8001	NC	4961	-0.7	-76.3903	34.7754	NC
4818	-2.8	-76.3399	34.8237	NC	4890	0	-76.3658	34.7997	NC	4962	-0.7	-76.3906	34.775	NC
4819	-2.6	-76.3403	34.8233	NC	4891	-0.1	-76.3661	34.7994	NC	4963	-0.7	-76.391	34.7747	NC
4820	-2.5	-76.3407	34.823	NC	4892	-0.5	-76.3665	34.799	NC	4964	-0.7	-76.3913	34.7743	NC
4821	-2.7	-76.3411	34.8227	NC	4893	-0.7	-76.3669	34.7987	NC	4965	-1	-76.3917	34.7739	NC
4822	-2.6	-76.3414	34.8223	NC	4894	-0.6	-76.3672	34.7983	NC	4966	-1.1	-76.392	34.7736	NC
4823	-2.6	-76.3418	34.822	NC	4895	-0.5	-76.3676	34.798	NC	4967	-1.1	-76.3923	34.7732	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
4968	-1.1	-76.3927	34.7728	NC	5040	-0.3	-76.4147	34.7487	NC	5112	-1	-76.4379	34.723	NC
4969	-1.2	-76.393	34.7725	NC	5041	-0.2	-76.4151	34.7483	NC	5113	-1	-76.4383	34.7227	NC
4970	-1.1	-76.3934	34.7721	NC	5042	-0.2	-76.4154	34.7479	NC	5114	-1.1	-76.4386	34.7223	NC
4971	-1	-76.3937	34.7717	NC	5043	-0.2	-76.4157	34.7476	NC	5115	-1.2	-76.4389	34.7219	NC
4972	-0.9	-76.394	34.7714	NC	5044	-0.3	-76.4161	34.7472	NC	5116	-1.2	-76.4393	34.7216	NC
4973	-0.9	-76.3944	34.771	NC	5045	-0.4	-76.4164	34.7468	NC	5117	-1.3	-76.4396	34.7212	NC
4974	-1	-76.3947	34.7706	NC	5046	-0.3	-76.4168	34.7464	NC	5118	-1.2	-76.4399	34.7208	NC
4975	-0.9	-76.3951	34.7702	NC	5047	-0.4	-76.4171	34.7461	NC	5119	-1	-76.4403	34.7204	NC
4976	-0.6	-76.3954	34.7699	NC	5048	-0.3	-76.4174	34.7457	NC	5120	-0.7	-76.4406	34.7201	NC
4977	-0.7	-76.3957	34.7695	NC	5049	0.1	-76.4178	34.7453	NC	5121	-0.8	-76.4409	34.7197	NC
4978	-0.5	-76.3961	34.7691	NC	5050	0.4	-76.4181	34.745	NC	5122	-0.8	-76.4413	34.7193	NC
4979	-0.5	-76.3964	34.7688	NC	5051	0.4	-76.4184	34.7446	NC	5123	-0.8	-76.4416	34.719	NC
4980	-0.2	-76.3968	34.7684	NC	5052	0.2	-76.4188	34.7442	NC	5124	-0.4	-76.442	34.7186	NC
4981	-0.1	-76.3971	34.768	NC	5053	0.2	-76.4191	34.7439	NC	5125	-0.7	-76.4423	34.7182	NC
4982	0	-76.3974	34.7677	NC	5054	0	-76.4194	34.7435	NC	5126	-0.7	-76.4426	34.7178	NC
4983	0.4	-76.3978	34.7673	NC	5055	0	-76.4198	34.7431	NC	5127	-0.6	-76.443	34.7175	NC
4984	0.5	-76.3981	34.7669	NC	5056	0.1	-76.4201	34.7428	NC	5128	-0.5	-76.4433	34.7171	NC
4985	0.6	-76.3985	34.7666	NC	5057	0.2	-76.4204	34.7424	NC	5129	-0.8	-76.4436	34.7167	NC
4986	0.6	-76.3988	34.7662	NC	5058	0.1	-76.4208	34.742	NC	5130	-0.5	-76.444	34.7164	NC
4987	0.7	-76.3991	34.7658	NC	5059	0.1	-76.4211	34.7416	NC	5131	-0.4	-76.4443	34.716	NC
4988	0.6	-76.3995	34.7654	NC	5060	0	-76.4214	34.7413	NC	5132	-0.4	-76.4446	34.7156	NC
4989	0.5	-76.3998	34.7651	NC	5061	-0.3	-76.4218	34.7409	NC	5133	-0.3	-76.445	34.7153	NC
4990	0.4	-76.4002	34.7647	NC	5062	-0.5	-76.4221	34.7405	NC	5134	-0.2	-76.4453	34.7149	NC
4991	0.4	-76.4005	34.7643	NC	5063	-0.5	-76.4224	34.7402	NC	5135	-0.3	-76.4456	34.7145	NC
4992	0.1	-76.4008	34.764	NC	5064	-0.5	-76.4228	34.7398	NC	5136	-0.5	-76.446	34.7141	NC
4993	0.1	-76.4012	34.7636	NC	5065	-0.2	-76.4231	34.7394	NC	5137	-0.5	-76.4463	34.7138	NC
4994	0	-76.4015	34.7632	NC	5066	-0.1	-76.4234	34.7391	NC	5138	-0.3	-76.4466	34.7134	NC
4995	0	-76.4018	34.7629	NC	5067	0.1	-76.4238	34.7387	NC	5139	0.1	-76.447	34.713	NC
4996	0.1	-76.4022	34.7625	NC	5068	0	-76.4241	34.7383	NC	5140	0.3	-76.4473	34.7127	NC
4997	0	-76.4025	34.7621	NC	5069	0	-76.4244	34.738	NC	5141	0.1	-76.4477	34.7123	NC
4998	0	-76.4029	34.7618	NC	5070	0	-76.4248	34.7376	NC	5142	0.1	-76.448	34.7119	NC
4999	-0.1	-76.4032	34.7614	NC	5071	-0.3	-76.4251	34.7372	NC	5143	0.1	-76.4483	34.7116	NC
5000	0	-76.4035	34.761	NC	5072	-0.5	-76.4254	34.7369	NC	5144	0.1	-76.4487	34.7112	NC
5001	0	-76.4039	34.7607	NC	5073	-0.5	-76.4258	34.7365	NC	5145	0	-76.4485	34.711	NC
5002	0.2	-76.4042	34.7603	NC	5074	-0.7	-76.4261	34.7361	NC	5146	0	-76.449	34.7108	NC
5003	0.3	-76.4046	34.7599	NC	5075	-0.5	-76.4264	34.7357	NC	5147	0.2	-76.4489	34.7107	NC
5004	-0.4	-76.4047	34.7597	NC	5076	-0.4	-76.4268	34.7354	NC	5148	0	-76.4493	34.7104	NC
5005	0.4	-76.4049	34.7595	NC	5077	-0.3	-76.4269	34.7353	NC	5149	0.1	-76.4492	34.7103	NC
5006	-0.4	-76.4051	34.7594	NC	5078	-0.4	-76.4271	34.735	NC	5150	0.1	-76.4495	34.7099	NC
5007	0.4	-76.4052	34.7592	NC	5079	-0.3	-76.4272	34.7349	NC	5151	0.2	-76.4498	34.7095	NC
5008	-0.3	-76.4054	34.759	NC	5080	-0.5	-76.4274	34.7346	NC	5152	0.2	-76.4501	34.7091	NC
5009	0.3	-76.4056	34.7588	NC	5081	-0.4	-76.4275	34.7345	NC	5153	0.2	-76.4504	34.7087	NC
5010	-0.4	-76.4057	34.7586	NC	5082	-0.6	-76.4279	34.7341	NC	5154	0.2	-76.4508	34.7084	NC
5011	0.4	-76.4059	34.7584	NC	5083	-0.3	-76.4282	34.7338	NC	5155	0	-76.4511	34.708	NC
5012	-0.3	-76.4061	34.7583	NC	5084	-0.1	-76.4285	34.7334	NC	5156	-0.1	-76.4514	34.7076	NC
5013	0.5	-76.4063	34.7581	NC	5085	-0.3	-76.4289	34.733	NC	5157	-0.2	-76.4517	34.7072	NC
5014	-0.2	-76.4064	34.7579	NC	5086	-0.5	-76.4292	34.7327	NC	5158	-0.4	-76.452	34.7068	NC
5015	0.7	-76.4066	34.7577	NC	5087	-0.6	-76.4296	34.7323	NC	5159	-0.3	-76.4524	34.7065	NC
5016	-0.1	-76.4067	34.7575	NC	5088	-0.7	-76.4299	34.7319	NC	5160	-0.2	-76.4527	34.7061	NC
5017	-0.3	-76.4071	34.7571	NC	5089	-0.9	-76.4302	34.7316	NC	5161	-0.3	-76.453	34.7057	NC
5018	-0.7	-76.4074	34.7568	NC	5090	-0.7	-76.4306	34.7312	NC	5162	-0.4	-76.4533	34.7053	NC
5019	-0.5	-76.4077	34.7564	NC	5091	-0.9	-76.4309	34.7308	NC	5163	-0.3	-76.4536	34.7049	NC
5020	-0.3	-76.4081	34.756	NC	5092	-0.9	-76.4312	34.7304	NC	5164	-0.3	-76.4539	34.7045	NC
5021	-0.3	-76.4084	34.7557	NC	5093	-0.9	-76.4316	34.7301	NC	5165	-0.4	-76.4543	34.7042	NC
5022	-0.3	-76.4087	34.7553	NC	5094	-1	-76.4319	34.7297	NC	5166	-0.6	-76.4546	34.7038	NC
5023	-0.5	-76.4091	34.7549	NC	5095	-1	-76.4322	34.7293	NC	5167	-0.5	-76.4549	34.7034	NC
5024	-0.7	-76.4094	34.7546	NC	5096	-0.9	-76.4326	34.729	NC	5168	-0.5	-76.4552	34.703	NC
5025	-0.4	-76.4097	34.7542	NC	5097	-0.9	-76.4329	34.7286	NC	5169	-0.2	-76.4555	34.7026	NC
5026	-0.1	-76.4101	34.7538	NC	5098	-1	-76.4332	34.7282	NC	5170	0	-76.4559	34.7023	NC
5027	0	-76.4104	34.7535	NC	5099	-1.1	-76.4336	34.7279	NC	5171	0.2	-76.4562	34.7019	NC
5028	0	-76.4107	34.7531	NC	5100	-1.2	-76.4339	34.7275	NC	5172	0.3	-76.4565	34.7015	NC
5029	-0.2	-76.4111	34.7527	NC	5101	-1.1	-76.4342	34.7271	NC	5173	0.2	-76.4568	34.7011	NC
5030	-0.4	-76.4114	34.7524	NC	5102	-1	-76.4346	34.7267	NC	5174	0.2	-76.4571	34.7007	NC
5031	-0.4	-76.4117	34.752	NC	5103	-1	-76.4349	34.7264	NC	5175	0.2	-76.4574	34.7003	NC
5032	-0.3	-76.4121	34.7516	NC	5104	-1.1	-76.4353	34.726	NC	5176	0.1	-76.4578	34.7	NC
5033	-0.3	-76.4124	34.7512	NC	5105	-1.1	-76.4356	34.7256	NC	5177	-0.1	-76.4581	34.6996	NC
5034	-0.5	-76.4127	34.7509	NC	5106	-1.1	-76.4359	34.7253	NC	5178	0	-76.4584	34.6992	NC
5035	-0.3	-76.4131	34.7505	NC	5107	-1	-76.4363	34.7249	NC	5179	-0.7	-76.5881	34.699	NC
5036	-0.1	-76.4134	34.7501	NC	5108	-1	-76.4366	34.7245	NC	5180	-0.1	-76.4587	34.6988	NC
5037	-0.2	-76.4137	34.7498	NC	5109	-1	-76.4369	34.7241	NC	5181	-0.4	-76.5875	34.6988	NC
5038	-0.4	-76.4141	34.7494	NC	5110	-1	-76.4373	34.7238	NC	5182	0	-76.587	34.6987	NC
5039	-0.4	-76.4144	34.749	NC	5111	-1	-76.4376	34.7234	NC	5183	-0.3	-76.5865	34.6985	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
5184	-0.5	-76.5859	34.6984	NC	5256	-0.4	-76.5586	34.691	NC	5328	1.5	-76.7326	34.6892	NC
5185	-0.2	-76.459	34.6984	NC	5257	-0.2	-76.5582	34.6909	NC	5329	1.5	-76.7321	34.6892	NC
5186	-0.7	-76.5854	34.6982	NC	5258	-0.4	-76.5581	34.6908	NC	5330	0	-76.763	34.6892	NC
5187	-0.9	-76.5849	34.6981	NC	5259	0	-76.5577	34.6908	NC	5331	-0.1	-76.7625	34.6892	NC
5188	-0.2	-76.4594	34.6981	NC	5260	0	-76.4654	34.6908	NC	5332	0	-76.7619	34.6892	NC
5189	-0.9	-76.5843	34.6979	NC	5261	-0.2	-76.5576	34.6907	NC	5333	0.1	-76.7614	34.6892	NC
5190	-0.9	-76.5838	34.6978	NC	5262	-0.5	-76.5571	34.6906	NC	5334	0.1	-76.7608	34.6892	NC
5191	-0.2	-76.4597	34.6977	NC	5263	-0.9	-76.5566	34.6904	NC	5335	-0.6	-76.7664	34.6891	NC
5192	-0.8	-76.5833	34.6977	NC	5264	0.1	-76.4657	34.6904	NC	5336	-0.6	-76.7658	34.6891	NC
5193	-0.7	-76.5827	34.6975	NC	5265	-0.7	-76.5561	34.6902	NC	5337	-0.4	-76.7653	34.6891	NC
5194	-0.7	-76.5822	34.6974	NC	5266	-0.5	-76.5556	34.6901	NC	5338	-0.2	-76.7647	34.6891	NC
5195	-0.1	-76.46	34.6973	NC	5267	0.2	-76.466	34.69	NC	5339	0	-76.7642	34.6891	NC
5196	-0.5	-76.5817	34.6972	NC	5268	-0.5	-76.555	34.6899	NC	5340	0	-76.7636	34.6891	NC
5197	-0.5	-76.5811	34.6971	NC	5269	-0.4	-76.5545	34.6897	NC	5341	1.3	-76.7315	34.6891	NC
5198	-0.5	-76.5806	34.6969	NC	5270	-0.2	-76.4664	34.6897	NC	5342	1.3	-76.731	34.6891	NC
5199	-0.2	-76.4603	34.6969	NC	5271	-0.4	-76.554	34.6895	NC	5343	-0.8	-76.7703	34.6891	NC
5200	-0.4	-76.58	34.6968	NC	5272	2	-76.7349	34.6894	NC	5344	-0.7	-76.7697	34.6891	NC
5201	-0.4	-76.5795	34.6966	NC	5273	-0.4	-76.5535	34.6894	NC	5345	-1.2	-76.7709	34.6891	NC
5202	0	-76.4606	34.6965	NC	5274	1.8	-76.7343	34.6894	NC	5346	-1.1	-76.7703	34.6891	NC
5203	-0.5	-76.579	34.6965	NC	5275	1.5	-76.7423	34.6893	NC	5347	-1	-76.7697	34.6891	NC
5204	-0.7	-76.5784	34.6963	NC	5276	1.7	-76.7418	34.6893	NC	5348	-1	-76.7692	34.6891	NC
5205	0.1	-76.461	34.6962	NC	5277	1.8	-76.7412	34.6893	NC	5349	-1	-76.7686	34.6891	NC
5206	-0.4	-76.5779	34.6962	NC	5278	2	-76.7407	34.6893	NC	5350	-0.8	-76.7681	34.6891	NC
5207	-0.2	-76.5774	34.6961	NC	5279	2.1	-76.7401	34.6893	NC	5351	-0.7	-76.7675	34.6891	NC
5208	-0.2	-76.5768	34.6959	NC	5280	2.3	-76.7396	34.6893	NC	5352	-0.7	-76.7669	34.6891	NC
5209	-0.2	-76.5763	34.6958	NC	5281	2.3	-76.739	34.6893	NC	5353	-0.8	-76.7714	34.689	NC
5210	0.2	-76.4613	34.6958	NC	5282	2.2	-76.7384	34.6893	NC	5354	-0.9	-76.7708	34.689	NC
5211	-0.2	-76.5758	34.6956	NC	5283	2.2	-76.7379	34.6893	NC	5355	1.2	-76.7304	34.689	NC
5212	-0.2	-76.5752	34.6955	NC	5284	-0.5	-76.4667	34.6893	NC	5356	-0.5	-76.5524	34.689	NC
5213	0.4	-76.4616	34.6954	NC	5285	2.2	-76.7373	34.6893	NC	5357	1.2	-76.7299	34.689	NC
5214	-0.2	-76.5747	34.6953	NC	5286	2.2	-76.7368	34.6893	NC	5358	1	-76.7293	34.6889	NC
5215	-0.2	-76.5742	34.6952	NC	5287	2.3	-76.7362	34.6893	NC	5359	1.1	-76.7288	34.6889	NC
5216	0.4	-76.4619	34.695	NC	5288	2.2	-76.7356	34.6893	NC	5360	-0.4	-76.467	34.6889	NC
5217	-0.1	-76.5736	34.695	NC	5289	2.2	-76.7351	34.6893	NC	5361	-0.8	-76.7731	34.6889	NC
5218	0	-76.5731	34.6949	NC	5290	2.2	-76.7345	34.6893	NC	5362	-0.7	-76.7725	34.6889	NC
5219	-0.3	-76.5726	34.6948	NC	5291	2.3	-76.734	34.6893	NC	5363	-0.8	-76.7719	34.6889	NC
5220	-0.5	-76.572	34.6946	NC	5292	2.4	-76.7334	34.6893	NC	5364	-0.8	-76.7736	34.6888	NC
5221	0.3	-76.4622	34.6946	NC	5293	1.7	-76.7338	34.6893	NC	5365	1.3	-76.7282	34.6888	NC
5222	-0.5	-76.5715	34.6945	NC	5294	1.6	-76.7332	34.6893	NC	5366	1.4	-76.7276	34.6888	NC
5223	-0.5	-76.571	34.6943	NC	5295	1.5	-76.7429	34.6893	NC	5367	-0.9	-76.7747	34.6888	NC
5224	0.2	-76.4625	34.6942	NC	5296	0.2	-76.7602	34.6892	NC	5368	-0.5	-76.5519	34.6888	NC
5225	-0.5	-76.5704	34.6942	NC	5297	0.2	-76.7597	34.6892	NC	5369	-0.8	-76.7742	34.6888	NC
5226	-0.4	-76.5699	34.694	NC	5298	0.2	-76.7591	34.6892	NC	5370	-0.5	-76.5514	34.6887	NC
5227	-0.3	-76.5693	34.6939	NC	5299	0.3	-76.7586	34.6892	NC	5371	1.4	-76.7265	34.6887	NC
5228	0.2	-76.4629	34.6939	NC	5300	0.3	-76.758	34.6892	NC	5372	-0.8	-76.7759	34.6887	NC
5229	-0.2	-76.5688	34.6937	NC	5301	0.2	-76.7574	34.6892	NC	5373	-0.9	-76.7753	34.6887	NC
5230	-0.2	-76.5683	34.6936	NC	5302	0.2	-76.7569	34.6892	NC	5374	1.4	-76.7271	34.6887	NC
5231	0.2	-76.4632	34.6935	NC	5303	0.3	-76.7563	34.6892	NC	5375	-1	-76.7764	34.6886	NC
5232	-0.2	-76.5677	34.6934	NC	5304	0.3	-76.7558	34.6892	NC	5376	1.3	-76.726	34.6886	NC
5233	-0.2	-76.5672	34.6933	NC	5305	0.2	-76.7552	34.6892	NC	5377	1.4	-76.7254	34.6886	NC
5234	-0.2	-76.5667	34.6932	NC	5306	0.1	-76.7546	34.6892	NC	5378	-1	-76.7775	34.6886	NC
5235	0.3	-76.4635	34.6931	NC	5307	0.1	-76.7541	34.6892	NC	5379	-1.2	-76.777	34.6886	NC
5236	-0.3	-76.5661	34.693	NC	5308	0.1	-76.7535	34.6892	NC	5380	1.4	-76.7249	34.6885	NC
5237	-0.4	-76.5656	34.6929	NC	5309	0.1	-76.753	34.6892	NC	5381	1.4	-76.7243	34.6885	NC
5238	0.3	-76.4638	34.6927	NC	5310	0.1	-76.7524	34.6892	NC	5382	-0.9	-76.7792	34.6885	NC
5239	-0.3	-76.5651	34.6927	NC	5311	0	-76.7519	34.6892	NC	5383	-1	-76.7786	34.6885	NC
5240	-0.2	-76.5645	34.6926	NC	5312	0	-76.7513	34.6892	NC	5384	-1	-76.7781	34.6885	NC
5241	-0.5	-76.564	34.6924	NC	5313	0.1	-76.7507	34.6892	NC	5385	-0.3	-76.4673	34.6885	NC
5242	-0.7	-76.5635	34.6923	NC	5314	0.2	-76.7502	34.6892	NC	5386	-0.4	-76.5509	34.6885	NC
5243	0.3	-76.4641	34.6923	NC	5315	0.3	-76.7496	34.6892	NC	5387	1.4	-76.7232	34.6884	NC
5244	-0.3	-76.5629	34.6921	NC	5316	0.3	-76.7491	34.6892	NC	5388	-0.8	-76.7803	34.6884	NC
5245	0.2	-76.5624	34.692	NC	5317	0.3	-76.7485	34.6892	NC	5389	-0.8	-76.7798	34.6884	NC
5246	0.1	-76.4645	34.692	NC	5318	0.4	-76.7479	34.6892	NC	5390	1.4	-76.7237	34.6884	NC
5247	0.3	-76.5619	34.6919	NC	5319	0.5	-76.7474	34.6892	NC	5391	-0.4	-76.5503	34.6883	NC
5248	0.4	-76.5613	34.6917	NC	5320	0.5	-76.7468	34.6892	NC	5392	-0.6	-76.782	34.6883	NC
5249	-0.1	-76.4648	34.6916	NC	5321	-0.5	-76.553	34.6892	NC	5393	-0.5	-76.7814	34.6883	NC
5250	0	-76.5608	34.6916	NC	5322	0.7	-76.7463	34.6892	NC	5394	-0.7	-76.7809	34.6883	NC
5251	-0.4	-76.5602	34.6914	NC	5323	0.8	-76.7457	34.6892	NC	5395	1.5	-76.7226	34.6883	NC
5252	-0.4	-76.5597	34.6913	NC	5324	0.9	-76.7451	34.6892	NC	5396	1.6	-76.7221	34.6883	NC
5253	-0.1	-76.4651	34.6912	NC	5325	1	-76.7446	34.6892	NC	5397	-0.5	-76.7826	34.6882	NC
5254	-0.4	-76.5592	34.6911	NC	5326	1.1	-76.744	34.6892	NC	5398	1.6	-76.7215	34.6882	NC
5255	-0.4	-76.5587	34.6911	NC	5327	1.3	-76.7435	34.6892	NC	5399	1.7	-76.721	34.6882	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
5400	-0.5	-76.7831	34.6882	NC	5472	1.6	-76.7065	34.6869	NC	5544	-1.4	-76.6873	34.6857	NC
5401	1.7	-76.7204	34.6881	NC	5473	-0.4	-76.8027	34.6869	NC	5545	-1.5	-76.6867	34.6857	NC
5402	-0.3	-76.4676	34.6881	NC	5474	1.1	-76.7054	34.6868	NC	5546	9	-76.6684	34.6857	NC
5403	-0.4	-76.5498	34.6881	NC	5475	-0.4	-76.8038	34.6868	NC	5547	-0.7	-76.5425	34.6857	NC
5404	1.7	-76.7199	34.6881	NC	5476	-0.4	-76.8032	34.6868	NC	5548	-1.5	-76.8152	34.6857	NC
5405	-0.5	-76.7848	34.6881	NC	5477	7.9	-76.6702	34.6868	NC	5549	-1.5	-76.8146	34.6857	NC
5406	-0.4	-76.7842	34.6881	NC	5478	1.4	-76.7059	34.6868	NC	5550	-1.3	-76.689	34.6857	NC
5407	-0.4	-76.7837	34.6881	NC	5479	0.4	-76.7043	34.6867	NC	5551	-1.4	-76.6884	34.6857	NC
5408	-0.6	-76.7865	34.688	NC	5480	-0.6	-76.8055	34.6867	NC	5552	-1.5	-76.6878	34.6857	NC
5409	-0.5	-76.7859	34.688	NC	5481	-0.5	-76.8049	34.6867	NC	5553	-1.2	-76.6901	34.6856	NC
5410	-0.4	-76.5493	34.688	NC	5482	-0.5	-76.8044	34.6867	NC	5554	-1.3	-76.6895	34.6856	NC
5411	-0.4	-76.7854	34.688	NC	5483	-0.5	-76.5456	34.6867	NC	5555	-1.4	-76.8157	34.6856	NC
5412	1.8	-76.7193	34.688	NC	5484	0.8	-76.7048	34.6867	NC	5556	-1.6	-76.6917	34.6856	NC
5413	1.8	-76.7187	34.688	NC	5485	-0.7	-76.8066	34.6866	NC	5557	-1.3	-76.6912	34.6856	NC
5414	-0.6	-76.7876	34.6879	NC	5486	-0.7	-76.806	34.6866	NC	5558	-1.2	-76.6906	34.6856	NC
5415	-0.6	-76.787	34.6879	NC	5487	0	-76.7037	34.6866	NC	5559	-1.4	-76.8168	34.6855	NC
5416	1.8	-76.7182	34.6879	NC	5488	-0.2	-76.7032	34.6866	NC	5560	-1.5	-76.8163	34.6855	NC
5417	1.9	-76.7176	34.6879	NC	5489	-0.7	-76.8072	34.6866	NC	5561	-1.9	-76.6945	34.6855	NC
5418	2	-76.7171	34.6878	NC	5490	-0.3	-76.4689	34.6866	NC	5562	-1.9	-76.694	34.6855	NC
5419	2.1	-76.7165	34.6878	NC	5491	-0.9	-76.5451	34.6866	NC	5563	-0.5	-76.4699	34.6855	NC
5420	-0.4	-76.7893	34.6878	NC	5492	-0.8	-76.8077	34.6865	NC	5564	-1.9	-76.6934	34.6855	NC
5421	-0.3	-76.468	34.6878	NC	5493	-0.5	-76.7026	34.6865	NC	5565	-1.8	-76.6929	34.6855	NC
5422	-0.4	-76.5488	34.6878	NC	5494	-0.8	-76.7021	34.6865	NC	5566	0.6	-76.4699	34.6855	NC
5423	-0.5	-76.7887	34.6878	NC	5495	12.2	-76.6697	34.6865	NC	5567	-0.7	-76.542	34.6855	NC
5424	-0.6	-76.7882	34.6878	NC	5496	-1.4	-76.8074	34.6865	NC	5568	-1.8	-76.6923	34.6855	NC
5425	-0.5	-76.7909	34.6877	NC	5497	-0.9	-76.8083	34.6865	NC	5569	-1.2	-76.8174	34.6854	NC
5426	-0.5	-76.7904	34.6877	NC	5498	-1.4	-76.808	34.6864	NC	5570	-2	-76.6967	34.6854	NC
5427	-0.4	-76.7898	34.6877	NC	5499	-0.9	-76.5446	34.6864	NC	5571	-2	-76.6962	34.6854	NC
5428	2.1	-76.716	34.6877	NC	5500	-1.1	-76.7015	34.6864	NC	5572	-1.9	-76.6956	34.6854	NC
5429	2.1	-76.7154	34.6877	NC	5501	-1.3	-76.7009	34.6864	NC	5573	-1.9	-76.6951	34.6854	NC
5430	-0.4	-76.7915	34.6876	NC	5502	-1.6	-76.8085	34.6864	NC	5574	7.3	-76.668	34.6854	NC
5431	-0.5	-76.5482	34.6876	NC	5503	-1.8	-76.6998	34.6863	NC	5575	-1.2	-76.8179	34.6853	NC
5432	2.1	-76.7148	34.6876	NC	5504	-1.7	-76.8096	34.6863	NC	5576	-1.2	-76.8185	34.6853	NC
5433	2	-76.7143	34.6876	NC	5505	-1.7	-76.8091	34.6863	NC	5577	-0.5	-76.5415	34.6853	NC
5434	-0.4	-76.7921	34.6876	NC	5506	-1.5	-76.7004	34.6863	NC	5578	-1.2	-76.8196	34.6852	NC
5435	-0.4	-76.7926	34.6875	NC	5507	-1.9	-76.6993	34.6862	NC	5579	-1.1	-76.8191	34.6852	NC
5436	2.1	-76.7137	34.6875	NC	5508	-1.9	-76.6987	34.6862	NC	5580	-0.4	-76.5409	34.6852	NC
5437	2.2	-76.7132	34.6875	NC	5509	-0.2	-76.4692	34.6862	NC	5581	-0.5	-76.4703	34.6852	NC
5438	-0.3	-76.7937	34.6875	NC	5510	-0.9	-76.5441	34.6862	NC	5582	0.7	-76.4702	34.6851	NC
5439	-0.4	-76.7932	34.6875	NC	5511	10.9	-76.6693	34.6862	NC	5583	-1	-76.8202	34.6851	NC
5440	-0.3	-76.7943	34.6874	NC	5512	-1.6	-76.8102	34.6862	NC	5584	6	-76.6675	34.6851	NC
5441	2.2	-76.7126	34.6874	NC	5513	3.7	-76.6773	34.6861	NC	5585	-0.9	-76.8207	34.685	NC
5442	2.3	-76.7121	34.6874	NC	5514	-0.1	-76.6767	34.6861	NC	5586	-0.6	-76.5404	34.685	NC
5443	-0.2	-76.4683	34.6874	NC	5515	-1.5	-76.8107	34.6861	NC	5587	-0.7	-76.8213	34.685	NC
5444	-0.7	-76.5477	34.6874	NC	5516	-1.9	-76.6982	34.6861	NC	5588	-0.7	-76.8224	34.6849	NC
5445	-0.3	-76.7954	34.6874	NC	5517	-1.9	-76.6976	34.6861	NC	5589	-0.7	-76.8218	34.6849	NC
5446	-0.3	-76.7949	34.6874	NC	5518	-1.6	-76.8113	34.6861	NC	5590	-0.9	-76.5399	34.6848	NC
5447	2.4	-76.711	34.6873	NC	5519	1.9	-76.6784	34.6861	NC	5591	-0.7	-76.8229	34.6848	NC
5448	-0.5	-76.7965	34.6873	NC	5520	2.3	-76.6778	34.6861	NC	5592	-0.4	-76.4706	34.6848	NC
5449	-0.4	-76.796	34.6873	NC	5521	-1.6	-76.8118	34.686	NC	5593	5.5	-76.6671	34.6848	NC
5450	-0.9	-76.5472	34.6873	NC	5522	-0.8	-76.5435	34.686	NC	5594	-0.7	-76.8235	34.6847	NC
5451	2.4	-76.7115	34.6873	NC	5523	-1.4	-76.6812	34.686	NC	5595	-0.6	-76.824	34.6847	NC
5452	-0.5	-76.7971	34.6872	NC	5524	-0.9	-76.6806	34.686	NC	5596	0.7	-76.4705	34.6847	NC
5453	2.3	-76.7104	34.6872	NC	5525	-0.4	-76.6801	34.686	NC	5597	-0.8	-76.5394	34.6846	NC
5454	2	-76.7098	34.6872	NC	5526	0.5	-76.6795	34.686	NC	5598	-0.5	-76.8246	34.6846	NC
5455	-0.4	-76.7982	34.6872	NC	5527	1.2	-76.6789	34.686	NC	5599	-0.6	-76.8252	34.6846	NC
5456	-0.5	-76.7977	34.6872	NC	5528	10.6	-76.6688	34.686	NC	5600	14.6	-76.6666	34.6845	NC
5457	1.7	-76.7087	34.6871	NC	5529	-1.6	-76.8124	34.686	NC	5601	-0.7	-76.5388	34.6845	NC
5458	-0.5	-76.5467	34.6871	NC	5530	-2.1	-76.6828	34.6859	NC	5602	-0.6	-76.8257	34.6845	NC
5459	-0.6	-76.7993	34.6871	NC	5531	-0.7	-76.543	34.6859	NC	5603	-0.6	-76.8268	34.6844	NC
5460	-0.5	-76.7988	34.6871	NC	5532	-2.1	-76.6823	34.6859	NC	5604	-0.4	-76.4709	34.6844	NC
5461	1.7	-76.7093	34.6871	NC	5533	-1.8	-76.6817	34.6859	NC	5605	-0.7	-76.8263	34.6844	NC
5462	1.8	-76.7076	34.687	NC	5534	-1.6	-76.8129	34.6859	NC	5606	14.9	-76.6662	34.6843	NC
5463	-0.2	-76.4686	34.687	NC	5535	-2	-76.684	34.6859	NC	5607	-0.5	-76.8279	34.6843	NC
5464	-0.6	-76.801	34.687	NC	5536	-2	-76.6834	34.6859	NC	5608	-0.5	-76.8274	34.6843	NC
5465	-0.6	-76.8005	34.687	NC	5537	-1.6	-76.6862	34.6858	NC	5609	-0.5	-76.5383	34.6843	NC
5466	-0.6	-76.7999	34.687	NC	5538	0.2	-76.4695	34.6858	NC	5610	-0.5	-76.8285	34.6842	NC
5467	1.9	-76.7082	34.687	NC	5539	-1.7	-76.6856	34.6858	NC	5611	-0.4	-76.5378	34.6841	NC
5468	-0.5	-76.8021	34.6869	NC	5540	-1.7	-76.6851	34.6858	NC	5612	-0.4	-76.8296	34.6841	NC
5469	-0.5	-76.8016	34.6869	NC	5541	-1.8	-76.6845	34.6858	NC	5613	-0.4	-76.829	34.6841	NC
5470	-0.2	-76.5462	34.6869	NC	5542	-1.7	-76.8135	34.6858	NC	5614	-0.4	-76.4712	34.684	NC
5471	1.9	-76.7071	34.6869	NC	5543	-1.6	-76.8141	34.6858	NC	5615	-0.1	-76.8307	34.684	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
5616	-0.3	-76.8302	34.684	NC	5688	-1.3	-76.8522	34.6815	NC	5760	9.8	-76.6568	34.6783	NC
5617	14.8	-76.6657	34.684	NC	5689	13.2	-76.6617	34.6814	NC	5761	-0.5	-76.8794	34.6783	NC
5618	0	-76.8313	34.6839	NC	5690	-1.2	-76.8533	34.6814	NC	5762	-0.3	-76.476	34.6783	NC
5619	-0.2	-76.5373	34.6839	NC	5691	-2.5	-76.5294	34.6813	NC	5763	-0.5	-76.88	34.6782	NC
5620	0	-76.8324	34.6838	NC	5692	-1.2	-76.8544	34.6813	NC	5764	-0.4	-76.8805	34.6782	NC
5621	0.1	-76.8318	34.6838	NC	5693	-1.2	-76.8539	34.6813	NC	5765	-0.4	-76.8811	34.6781	NC
5622	0	-76.5368	34.6838	NC	5694	-0.4	-76.4734	34.6813	NC	5766	-0.3	-76.8822	34.678	NC
5623	14.3	-76.6653	34.6837	NC	5695	-1.2	-76.855	34.6812	NC	5767	-0.4	-76.8816	34.678	NC
5624	0	-76.8335	34.6837	NC	5696	-1.2	-76.8561	34.6811	NC	5768	9.3	-76.6564	34.678	NC
5625	0	-76.8329	34.6837	NC	5697	-1.6	-76.5289	34.6811	NC	5769	-0.3	-76.8827	34.6779	NC
5626	-0.1	-76.5362	34.6836	NC	5698	-1.2	-76.8555	34.6811	NC	5770	-0.2	-76.8826	34.6779	NC
5627	0.1	-76.834	34.6836	NC	5699	12.1	-76.6613	34.6811	NC	5771	-0.4	-76.4763	34.6779	NC
5628	-0.4	-76.4715	34.6836	NC	5700	-0.5	-76.5284	34.681	NC	5772	-0.4	-76.8833	34.6778	NC
5629	0.1	-76.8351	34.6835	NC	5701	-1.1	-76.8567	34.681	NC	5773	-0.3	-76.8832	34.6778	NC
5630	0.1	-76.8346	34.6835	NC	5702	-0.5	-76.4737	34.681	NC	5774	-0.3	-76.8837	34.6777	NC
5631	-0.2	-76.5357	34.6834	NC	5703	-1.1	-76.8572	34.6809	NC	5775	8.7	-76.6559	34.6777	NC
5632	0.2	-76.8363	34.6834	NC	5704	11.1	-76.6608	34.6809	NC	5776	-0.3	-76.8843	34.6777	NC
5633	0.1	-76.8357	34.6834	NC	5705	-1.1	-76.8578	34.6809	NC	5777	-0.3	-76.8848	34.6776	NC
5634	13.9	-76.6648	34.6834	NC	5706	-1.2	-76.8583	34.6808	NC	5778	-0.1	-76.8854	34.6775	NC
5635	0.1	-76.8368	34.6833	NC	5707	-0.1	-76.5279	34.6808	NC	5779	8.4	-76.6555	34.6775	NC
5636	-0.4	-76.4718	34.6832	NC	5708	-1.1	-76.8589	34.6807	NC	5780	-0.3	-76.4766	34.6775	NC
5637	0.1	-76.5352	34.6832	NC	5709	-1.1	-76.8594	34.6807	NC	5781	-0.2	-76.8865	34.6774	NC
5638	0	-76.8379	34.6832	NC	5710	0	-76.5273	34.6806	NC	5782	-0.2	-76.8859	34.6774	NC
5639	0	-76.8374	34.6832	NC	5711	19.9	-76.6604	34.6806	NC	5783	-0.3	-76.887	34.6773	NC
5640	0.4	-76.5347	34.6831	NC	5712	-1.1	-76.86	34.6806	NC	5784	-0.3	-76.8876	34.6772	NC
5641	12.1	-76.6644	34.6831	NC	5713	-0.6	-76.4741	34.6806	NC	5785	-0.3	-76.8881	34.6771	NC
5642	0	-76.8385	34.6831	NC	5714	-1	-76.8611	34.6805	NC	5786	-0.4	-76.4769	34.6771	NC
5643	-0.1	-76.8396	34.683	NC	5715	-1.1	-76.8605	34.6805	NC	5787	-0.3	-76.8892	34.677	NC
5644	-0.1	-76.839	34.683	NC	5716	-1.1	-76.8616	34.6804	NC	5788	-0.4	-76.8887	34.677	NC
5645	-0.1	-76.8407	34.6829	NC	5717	-1.3	-76.8628	34.6803	NC	5789	10.5	-76.6544	34.677	NC
5646	-0.1	-76.8401	34.6829	NC	5718	-1.2	-76.8622	34.6803	NC	5790	9.7	-76.6539	34.6769	NC
5647	-0.3	-76.4722	34.6829	NC	5719	18.5	-76.6599	34.6803	NC	5791	-0.3	-76.8898	34.6769	NC
5648	0.2	-76.5341	34.6829	NC	5720	-0.4	-76.4744	34.6802	NC	5792	8.8	-76.6533	34.6768	NC
5649	10.4	-76.6639	34.6828	NC	5721	-1.4	-76.8633	34.6802	NC	5793	-0.4	-76.8903	34.6768	NC
5650	-0.1	-76.8413	34.6828	NC	5722	-1.3	-76.8639	34.6801	NC	5794	-0.4	-76.4772	34.6768	NC
5651	-0.3	-76.8418	34.6827	NC	5723	-1.1	-76.8644	34.6801	NC	5795	8.5	-76.6528	34.6767	NC
5652	-0.3	-76.8424	34.6827	NC	5724	-1	-76.8655	34.68	NC	5796	-0.4	-76.8915	34.6767	NC
5653	0	-76.5336	34.6827	NC	5725	-1	-76.865	34.68	NC	5797	-0.5	-76.8909	34.6767	NC
5654	-0.4	-76.8429	34.6826	NC	5726	17.2	-76.6595	34.68	NC	5798	-0.4	-76.892	34.6766	NC
5655	9.3	-76.6635	34.6826	NC	5727	-0.9	-76.8661	34.6799	NC	5799	8.2	-76.6522	34.6765	NC
5656	-0.4	-76.8435	34.6826	NC	5728	-0.8	-76.8666	34.6798	NC	5800	-0.5	-76.8926	34.6765	NC
5657	-0.1	-76.5331	34.6825	NC	5729	-0.8	-76.8672	34.6798	NC	5801	7.7	-76.6517	34.6764	NC
5658	-0.4	-76.844	34.6825	NC	5730	-0.2	-76.4747	34.6798	NC	5802	-0.4	-76.8937	34.6764	NC
5659	-0.4	-76.4725	34.6825	NC	5731	-0.7	-76.8678	34.6797	NC	5803	-0.4	-76.8931	34.6764	NC
5660	-0.4	-76.8451	34.6824	NC	5732	15.1	-76.6591	34.6797	NC	5804	-0.5	-76.4775	34.6764	NC
5661	-0.4	-76.8446	34.6824	NC	5733	-0.8	-76.8689	34.6796	NC	5805	-0.3	-76.8942	34.6763	NC
5662	-0.2	-76.5326	34.6824	NC	5734	-0.7	-76.8683	34.6796	NC	5806	7.1	-76.6512	34.6763	NC
5663	-1.2	-76.845	34.6824	NC	5735	-0.7	-76.8694	34.6795	NC	5807	6.6	-76.6506	34.6762	NC
5664	-1.1	-76.8456	34.6823	NC	5736	12.2	-76.6586	34.6794	NC	5808	-0.4	-76.8948	34.6762	NC
5665	-0.3	-76.8457	34.6823	NC	5737	-0.6	-76.8705	34.6794	NC	5809	-0.4	-76.8953	34.6761	NC
5666	17.9	-76.6631	34.6823	NC	5738	-0.6	-76.87	34.6794	NC	5810	6.1	-76.6501	34.6761	NC
5667	-1	-76.8461	34.6823	NC	5739	-0.1	-76.475	34.6794	NC	5811	-0.3	-76.8964	34.676	NC
5668	-1	-76.8467	34.6822	NC	5740	-0.6	-76.8711	34.6793	NC	5812	-0.4	-76.8959	34.676	NC
5669	-0.2	-76.5321	34.6822	NC	5741	-0.7	-76.8716	34.6792	NC	5813	5.8	-76.6495	34.676	NC
5670	-1.1	-76.8472	34.6821	NC	5742	11.7	-76.6582	34.6792	NC	5814	-0.6	-76.4779	34.676	NC
5671	-1.2	-76.8478	34.6821	NC	5743	-0.6	-76.8722	34.6792	NC	5815	5.4	-76.649	34.6759	NC
5672	-0.7	-76.4728	34.6821	NC	5744	-0.7	-76.8727	34.6791	NC	5816	-0.3	-76.897	34.6759	NC
5673	-0.2	-76.5315	34.682	NC	5745	-0.7	-76.8739	34.679	NC	5817	-0.3	-76.8975	34.6758	NC
5674	-1.2	-76.8483	34.682	NC	5746	-0.6	-76.8733	34.679	NC	5818	-0.4	-76.8981	34.6757	NC
5675	15.9	-76.6626	34.682	NC	5747	-0.1	-76.4753	34.679	NC	5819	5	-76.6485	34.6757	NC
5676	-1.3	-76.8489	34.6819	NC	5748	11	-76.6577	34.6789	NC	5820	-0.3	-76.8987	34.6757	NC
5677	-1.4	-76.8494	34.6819	NC	5749	-0.8	-76.8744	34.6789	NC	5821	-0.3	-76.8992	34.6756	NC
5678	-1.4	-76.85	34.6818	NC	5750	-0.8	-76.875	34.6788	NC	5822	4.8	-76.6479	34.6756	NC
5679	-0.4	-76.531	34.6818	NC	5751	-0.8	-76.8755	34.6788	NC	5823	-0.6	-76.4782	34.6756	NC
5680	-0.5	-76.5305	34.6817	NC	5752	-0.8	-76.8761	34.6787	NC	5824	4.5	-76.6474	34.6755	NC
5681	-1.3	-76.8505	34.6817	NC	5753	-0.2	-76.4756	34.6787	NC	5825	-0.3	-76.8998	34.6755	NC
5682	14	-76.6622	34.6817	NC	5754	-0.8	-76.8772	34.6786	NC	5826	-0.3	-76.9003	34.6754	NC
5683	-1.3	-76.8511	34.6817	NC	5755	-0.8	-76.8766	34.6786	NC	5827	4	-76.6468	34.6754	NC
5684	-0.5	-76.4731	34.6817	NC	5756	10.4	-76.6573	34.6786	NC	5828	3.5	-76.6463	34.6753	NC
5685	-1.3	-76.8517	34.6816	NC	5757	-0.7	-76.8777	34.6785	NC	5829	-0.3	-76.9014	34.6753	NC
5686	-1.5	-76.53	34.6815	NC	5758	-0.7	-76.8783	34.6784	NC	5830	-0.1	-76.9009	34.6753	NC
5687	-1.2	-76.8528	34.6815	NC	5759	-0.6	-76.8789	34.6784	NC	5831	3.1	-76.6457	34.6752	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
5832	-0.5	-76.902	34.6752	NC	5904	-1	-76.6317	34.6722	NC	5976	-2	-76.6188	34.6692	NC
5833	-0.7	-76.4785	34.6752	NC	5905	-0.1	-76.9223	34.6722	NC	5977	-0.7	-76.9427	34.6692	NC
5834	-0.4	-76.9025	34.6751	NC	5906	0	-76.481	34.6722	NC	5978	-0.7	-76.9432	34.6691	NC
5835	2.3	-76.6452	34.6751	NC	5907	0	-76.9229	34.6721	NC	5979	0.6	-76.4836	34.6691	NC
5836	-0.5	-76.9036	34.675	NC	5908	-1	-76.6311	34.6721	NC	5980	-2	-76.6183	34.669	NC
5837	-0.5	-76.9031	34.675	NC	5909	-1.1	-76.6306	34.672	NC	5981	-0.7	-76.9438	34.669	NC
5838	1.6	-76.6447	34.6749	NC	5910	0	-76.9234	34.672	NC	5982	-0.6	-76.9443	34.6689	NC
5839	-0.4	-76.9042	34.6749	NC	5911	0	-76.924	34.6719	NC	5983	-2	-76.6178	34.6689	NC
5840	1.2	-76.6441	34.6748	NC	5912	-1.2	-76.6301	34.6719	NC	5984	-0.6	-76.9449	34.6688	NC
5841	-0.3	-76.9047	34.6748	NC	5913	0	-76.9251	34.6718	NC	5985	-2	-76.6173	34.6687	NC
5842	-0.7	-76.4788	34.6748	NC	5914	0	-76.9245	34.6718	NC	5986	-0.6	-76.946	34.6687	NC
5843	-0.3	-76.9053	34.6747	NC	5915	-1.4	-76.6295	34.6718	NC	5987	-0.6	-76.9454	34.6687	NC
5844	0.8	-76.6436	34.6747	NC	5916	0	-76.4813	34.6718	NC	5988	0.6	-76.4839	34.6687	NC
5845	-0.2	-76.9064	34.6746	NC	5917	0.1	-76.9256	34.6717	NC	5989	-0.6	-76.9465	34.6686	NC
5846	-0.3	-76.9058	34.6746	NC	5918	-1.6	-76.629	34.6716	NC	5990	-2	-76.6167	34.6685	NC
5847	0.4	-76.643	34.6746	NC	5919	0.2	-76.9262	34.6716	NC	5991	-0.6	-76.9471	34.6685	NC
5848	0.1	-76.6425	34.6745	NC	5920	0.3	-76.9267	34.6715	NC	5992	-0.5	-76.9476	34.6684	NC
5849	-0.3	-76.907	34.6745	NC	5921	-1.8	-76.6284	34.6715	NC	5993	0.6	-76.4842	34.6684	NC
5850	-0.8	-76.4791	34.6745	NC	5922	-1.8	-76.6279	34.6714	NC	5994	-1.9	-76.6162	34.6683	NC
5851	-0.3	-76.9075	34.6744	NC	5923	0.3	-76.9278	34.6714	NC	5995	-0.5	-76.9487	34.6683	NC
5852	0.1	-76.642	34.6744	NC	5924	0.4	-76.9273	34.6714	NC	5996	-0.4	-76.9482	34.6683	NC
5853	0.1	-76.6414	34.6743	NC	5925	0.1	-76.4817	34.6714	NC	5997	-0.4	-76.9493	34.6682	NC
5854	-0.3	-76.9086	34.6743	NC	5926	-1.9	-76.6274	34.6713	NC	5998	-1.9	-76.6157	34.6682	NC
5855	-0.3	-76.9081	34.6743	NC	5927	0.3	-76.9284	34.6713	NC	5999	-0.4	-76.9498	34.6681	NC
5856	-0.3	-76.9092	34.6742	NC	5928	0.2	-76.9289	34.6712	NC	6000	-0.4	-76.9504	34.668	NC
5857	0.1	-76.6409	34.6741	NC	5929	-2	-76.6268	34.6712	NC	6001	-2	-76.6152	34.668	NC
5858	-0.3	-76.9097	34.6741	NC	5930	-2.1	-76.6263	34.6711	NC	6002	0.6	-76.4845	34.668	NC
5859	-0.9	-76.4794	34.6741	NC	5931	0.2	-76.9295	34.6711	NC	6003	-0.4	-76.9509	34.6679	NC
5860	-0.4	-76.9103	34.674	NC	5932	-2.1	-76.6257	34.671	NC	6004	-0.5	-76.9515	34.6678	NC
5861	0	-76.6403	34.674	NC	5933	0.2	-76.93	34.671	NC	6005	-1.9	-76.6146	34.6678	NC
5862	-0.4	-76.9108	34.6739	NC	5934	0.3	-76.482	34.671	NC	6006	-0.5	-76.952	34.6678	NC
5863	-0.4	-76.6398	34.6739	NC	5935	0.3	-76.9306	34.6709	NC	6007	-0.5	-76.9526	34.6677	NC
5864	-0.3	-76.9114	34.6739	NC	5936	0.1	-76.9311	34.6709	NC	6008	-1.9	-76.6141	34.6677	NC
5865	-0.4	-76.9119	34.6738	NC	5937	0	-76.9317	34.6708	NC	6009	-0.5	-76.9531	34.6676	NC
5866	-0.6	-76.6393	34.6738	NC	5938	-2.1	-76.6252	34.6708	NC	6010	0.5	-76.4848	34.6676	NC
5867	-0.4	-76.9125	34.6737	NC	5939	0.1	-76.9322	34.6707	NC	6011	-0.5	-76.9537	34.6675	NC
5868	-0.6	-76.6387	34.6737	NC	5940	-2.1	-76.6247	34.6707	NC	6012	-1.8	-76.6136	34.6675	NC
5869	-0.8	-76.4798	34.6737	NC	5941	0.3	-76.4823	34.6707	NC	6013	-0.5	-76.9548	34.6674	NC
5870	-0.5	-76.9136	34.6736	NC	5942	-2.1	-76.6241	34.6706	NC	6014	-0.5	-76.9542	34.6674	NC
5871	-0.5	-76.913	34.6736	NC	5943	0	-76.9328	34.6706	NC	6015	-1.9	-76.6131	34.6673	NC
5872	-0.7	-76.6382	34.6736	NC	5944	-0.1	-76.9333	34.6705	NC	6016	-0.4	-76.9553	34.6673	NC
5873	-0.6	-76.9142	34.6735	NC	5945	-2.1	-76.6236	34.6705	NC	6017	-1.8	-76.6125	34.6672	NC
5874	-0.8	-76.6376	34.6735	NC	5946	-0.2	-76.9339	34.6705	NC	6018	-0.4	-76.9559	34.6672	NC
5875	-0.5	-76.9147	34.6734	NC	5947	-2.2	-76.623	34.6704	NC	6019	0.6	-76.4851	34.6672	NC
5876	-0.5	-76.9158	34.6733	NC	5948	-0.2	-76.9344	34.6704	NC	6020	-0.3	-76.9564	34.6671	NC
5877	-0.4	-76.9153	34.6733	NC	5949	-2.3	-76.6225	34.6703	NC	6021	0.4	-76.9573	34.667	NC
5878	-0.9	-76.6371	34.6733	NC	5950	-0.1	-76.935	34.6703	NC	6022	-0.3	-76.957	34.667	NC
5879	-0.5	-76.4801	34.6733	NC	5951	0.4	-76.4826	34.6703	NC	6023	-1.9	-76.612	34.667	NC
5880	-0.9	-76.6366	34.6732	NC	5952	0	-76.9355	34.6702	NC	6024	0.6	-76.9578	34.6669	NC
5881	-0.4	-76.9164	34.6732	NC	5953	-2.3	-76.6219	34.6702	NC	6025	-0.3	-76.9581	34.6669	NC
5882	-0.5	-76.9169	34.6731	NC	5954	0	-76.9361	34.6701	NC	6026	-0.2	-76.9575	34.6669	NC
5883	-0.9	-76.636	34.6731	NC	5955	-2.4	-76.6214	34.67	NC	6027	0.6	-76.9584	34.6668	NC
5884	-0.9	-76.6355	34.673	NC	5956	-0.2	-76.9372	34.67	NC	6028	-2	-76.6115	34.6668	NC
5885	-0.5	-76.9175	34.673	NC	5957	-0.1	-76.9366	34.67	NC	6029	0.5	-76.4855	34.6668	NC
5886	-0.5	-76.918	34.6729	NC	5958	-2.4	-76.6209	34.6699	NC	6030	-2.1	-76.611	34.6667	NC
5887	-0.9	-76.6349	34.6729	NC	5959	-0.3	-76.9377	34.6699	NC	6031	0.6	-76.9589	34.6667	NC
5888	-0.5	-76.9186	34.6729	NC	5960	0.5	-76.4829	34.6699	NC	6032	0.8	-76.9595	34.6666	NC
5889	-0.3	-76.4804	34.6729	NC	5961	-0.5	-76.9383	34.6698	NC	6033	-2.2	-76.6104	34.6665	NC
5890	-0.4	-76.9191	34.6728	NC	5962	-2.4	-76.6203	34.6698	NC	6034	0.7	-76.96	34.6665	NC
5891	-0.9	-76.6344	34.6728	NC	5963	-2.4	-76.6198	34.6697	NC	6035	0.4	-76.4858	34.6665	NC
5892	-1	-76.6338	34.6727	NC	5964	-0.4	-76.9388	34.6697	NC	6036	0.6	-76.9606	34.6664	NC
5893	-0.4	-76.9197	34.6727	NC	5965	-0.5	-76.9399	34.6696	NC	6037	0.4	-76.9611	34.6663	NC
5894	-0.4	-76.9208	34.6726	NC	5966	-0.4	-76.9394	34.6696	NC	6038	-2.1	-76.6099	34.6663	NC
5895	-0.4	-76.9202	34.6726	NC	5967	-2.5	-76.6192	34.6696	NC	6039	-2.2	-76.6094	34.6662	NC
5896	-1	-76.6333	34.6726	NC	5968	-0.5	-76.9405	34.6695	NC	6040	0.3	-76.9617	34.6662	NC
5897	-0.1	-76.4807	34.6726	NC	5969	-2.5	-76.6187	34.6695	NC	6041	0.3	-76.9622	34.6661	NC
5898	0	-76.9201	34.6725	NC	5970	0.6	-76.4832	34.6695	NC	6042	0.3	-76.4861	34.6661	NC
5899	0	-76.9207	34.6724	NC	5971	-2	-76.6194	34.6694	NC	6043	-2.4	-76.6089	34.666	NC
5900	-1	-76.6328	34.6724	NC	5972	-0.6	-76.941	34.6694	NC	6044	0.2	-76.9628	34.666	NC
5901	-0.1	-76.9212	34.6723	NC	5973	-2.6	-76.6182	34.6694	NC	6045	0.1	-76.9633	34.6659	NC
5902	-1	-76.6322	34.6723	NC	5974	-0.7	-76.9416	34.6693	NC	6046	0.1	-76.9638	34.6658	NC
5903	-0.1	-76.9218	34.6723	NC	5975	-0.8	-76.9421	34.6692	NC	6047	-2.3	-76.6083	34.6658	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
6048	0.1	-76.9644	34.6657	NC	6120	-2.6	-76.5963	34.6619	NC	6192	-1	-77.0036	34.6583	NC
6049	0.3	-76.4864	34.6657	NC	6121	-0.3	-76.4896	34.6619	NC	6193	0.3	-76.4915	34.6583	NC
6050	0.1	-76.9649	34.6656	NC	6122	-0.2	-76.9867	34.6618	NC	6194	-1	-77.0042	34.6582	NC
6051	-2.2	-76.6078	34.6656	NC	6123	-0.1	-76.9862	34.6618	NC	6195	-1	-77.0047	34.6581	NC
6052	-2.2	-76.6073	34.6655	NC	6124	-2.6	-76.5958	34.6618	NC	6196	-1	-77.0052	34.658	NC
6053	0	-76.9655	34.6655	NC	6125	-0.1	-76.9873	34.6617	NC	6197	-3.3	-76.5842	34.658	NC
6054	0.1	-76.966	34.6654	NC	6126	-0.1	-76.9878	34.6616	NC	6198	0.4	-76.4917	34.6579	NC
6055	0.2	-76.9671	34.6653	NC	6127	-2.7	-76.5953	34.6616	NC	6199	-0.9	-77.0058	34.6578	NC
6056	0.2	-76.9666	34.6653	NC	6128	-0.2	-76.9884	34.6615	NC	6200	-3.4	-76.5837	34.6578	NC
6057	-2.1	-76.6068	34.6653	NC	6129	-0.3	-76.4899	34.6615	NC	6201	-0.9	-77.0063	34.6577	NC
6058	0.3	-76.4867	34.6653	NC	6130	-0.2	-76.9889	34.6614	NC	6202	-3.4	-76.5833	34.6576	NC
6059	0.3	-76.9677	34.6652	NC	6131	-2.8	-76.5947	34.6614	NC	6203	-0.8	-77.0069	34.6576	NC
6060	0.3	-76.9682	34.6651	NC	6132	-0.1	-76.9895	34.6613	NC	6204	-0.9	-77.0074	34.6575	NC
6061	-2.1	-76.6063	34.6651	NC	6133	-2.9	-76.5942	34.6612	NC	6205	0.3	-76.492	34.6575	NC
6062	-2	-76.6057	34.665	NC	6134	-0.4	-76.99	34.6612	NC	6206	-3.4	-76.5828	34.6574	NC
6063	0.3	-76.9687	34.665	NC	6135	-3	-76.5937	34.6611	NC	6207	-0.7	-77.008	34.6574	NC
6064	0.3	-76.9693	34.6649	NC	6136	-0.4	-76.9905	34.6611	NC	6208	-0.6	-77.0085	34.6573	NC
6065	0.4	-76.487	34.6649	NC	6137	-0.4	-76.4902	34.6611	NC	6209	-3.4	-76.5823	34.6571	NC
6066	-2.1	-76.6052	34.6648	NC	6138	-0.4	-76.9911	34.661	NC	6210	-0.6	-77.009	34.6571	NC
6067	0.2	-76.9698	34.6648	NC	6139	-0.3	-76.9916	34.6609	NC	6211	0.3	-76.4923	34.6571	NC
6068	0.2	-76.9704	34.6647	NC	6140	-3	-76.5932	34.6609	NC	6212	-0.6	-77.0096	34.657	NC
6069	0.2	-76.9709	34.6646	NC	6141	0	-76.4899	34.6608	NC	6213	-0.5	-77.0101	34.6569	NC
6070	-2.1	-76.6047	34.6646	NC	6142	-0.2	-76.9922	34.6608	NC	6214	-3.5	-76.5818	34.6569	NC
6071	0.2	-76.9715	34.6645	NC	6143	-3.2	-76.5926	34.6607	NC	6215	-0.6	-77.0107	34.6568	NC
6072	-2.2	-76.6042	34.6645	NC	6144	-0.2	-76.9927	34.6607	NC	6216	-0.6	-77.0112	34.6567	NC
6073	0.5	-76.4874	34.6645	NC	6145	-0.4	-76.4905	34.6607	NC	6217	-3.7	-76.5813	34.6567	NC
6074	0.1	-76.972	34.6644	NC	6146	-0.3	-76.9933	34.6606	NC	6218	0.4	-76.4925	34.6567	NC
6075	-2.2	-76.6036	34.6643	NC	6147	-3.3	-76.5921	34.6606	NC	6219	-0.6	-77.0118	34.6566	NC
6076	0.1	-76.9726	34.6643	NC	6148	-0.4	-76.9938	34.6605	NC	6220	-3.8	-76.5808	34.6565	NC
6077	0.1	-76.9731	34.6642	NC	6149	0.3	-76.4902	34.6604	NC	6221	-0.6	-77.0123	34.6564	NC
6078	0.3	-76.4877	34.6642	NC	6150	-0.6	-76.9944	34.6604	NC	6222	-0.7	-77.0128	34.6563	NC
6079	-2.3	-76.6031	34.6641	NC	6151	-3.3	-76.5916	34.6604	NC	6223	0.5	-76.4928	34.6563	NC
6080	0.1	-76.9737	34.6641	NC	6152	-0.6	-76.9949	34.6603	NC	6224	-3.9	-76.5803	34.6562	NC
6081	0	-76.9742	34.664	NC	6153	-0.8	-76.9944	34.6603	NC	6225	-0.7	-77.0134	34.6562	NC
6082	-2.3	-76.6026	34.664	NC	6154	-0.2	-76.4908	34.6603	NC	6226	-0.6	-77.0139	34.6561	NC
6083	0	-76.9747	34.6639	NC	6155	-0.8	-76.9949	34.6602	NC	6227	-0.4	-77.0145	34.656	NC
6084	0.1	-76.9753	34.6638	NC	6156	-3.3	-76.5911	34.6602	NC	6228	-3.9	-76.5798	34.656	NC
6085	-2.3	-76.6021	34.6638	NC	6157	-3.2	-76.5905	34.6601	NC	6229	-0.4	-77.015	34.6559	NC
6086	0.2	-76.488	34.6638	NC	6158	-0.9	-76.9955	34.6601	NC	6230	-3.8	-76.5793	34.6558	NC
6087	0.2	-76.9758	34.6637	NC	6159	0.4	-76.4904	34.66	NC	6231	0.5	-76.493	34.6558	NC
6088	-2.3	-76.6015	34.6636	NC	6160	0.2	-76.4912	34.66	NC	6232	-0.4	-77.0155	34.6557	NC
6089	0.2	-76.9764	34.6636	NC	6161	-0.9	-76.996	34.6599	NC	6233	-3.7	-76.5788	34.6556	NC
6090	0.1	-76.9769	34.6635	NC	6162	-3.2	-76.59	34.6599	NC	6234	-0.5	-77.0161	34.6556	NC
6091	-2.4	-76.601	34.6634	NC	6163	-1	-76.9966	34.6598	NC	6235	-0.6	-77.0166	34.6555	NC
6092	0.1	-76.9775	34.6634	NC	6164	-3.3	-76.5895	34.6597	NC	6236	-0.6	-77.0172	34.6554	NC
6093	0.1	-76.4883	34.6634	NC	6165	-1.1	-76.9971	34.6597	NC	6237	0.5	-76.4933	34.6554	NC
6094	0	-76.978	34.6633	NC	6166	-1.1	-76.9977	34.6596	NC	6238	-3.6	-76.5783	34.6553	NC
6095	-2.5	-76.6005	34.6633	NC	6167	-3.4	-76.589	34.6596	NC	6239	-0.5	-77.0177	34.6553	NC
6096	0	-76.9786	34.6632	NC	6168	-1.1	-76.9982	34.6595	NC	6240	-0.5	-77.0183	34.6552	NC
6097	-2.6	-76.6	34.6631	NC	6169	0.4	-76.4907	34.6595	NC	6241	-3.5	-76.5778	34.6551	NC
6098	-0.2	-76.9791	34.6631	NC	6170	-1.1	-76.9987	34.6594	NC	6242	-0.4	-77.0188	34.655	NC
6099	-0.2	-76.9796	34.663	NC	6171	-3.5	-76.5884	34.6594	NC	6243	0.4	-76.4935	34.655	NC
6100	0	-76.4886	34.663	NC	6172	-3.6	-76.5879	34.6592	NC	6244	-0.4	-77.0193	34.6549	NC
6101	-2.6	-76.5994	34.6629	NC	6173	-1.1	-76.9993	34.6592	NC	6245	-3.2	-76.5773	34.6549	NC
6102	-0.2	-76.9802	34.6629	NC	6174	-3.5	-76.5874	34.6591	NC	6246	-0.5	-77.0199	34.6548	NC
6103	-0.2	-76.9807	34.6628	NC	6175	-1	-76.9998	34.6591	NC	6247	-3.3	-76.5768	34.6547	NC
6104	-2.6	-76.5989	34.6628	NC	6176	0.5	-76.491	34.6591	NC	6248	-0.4	-77.0204	34.6547	NC
6105	-0.2	-76.9813	34.6627	NC	6177	-0.9	-77.0004	34.659	NC	6249	-0.5	-77.021	34.6546	NC
6106	-0.1	-76.9818	34.6626	NC	6178	-3.6	-76.5862	34.6589	NC	6250	0.3	-76.4938	34.6546	NC
6107	-2.6	-76.5984	34.6626	NC	6179	-3.5	-76.5869	34.6589	NC	6251	-0.4	-77.0215	34.6545	NC
6108	-0.2	-76.4889	34.6626	NC	6180	-0.9	-77.0009	34.6589	NC	6252	-3.3	-76.5764	34.6544	NC
6109	-0.1	-76.9824	34.6625	NC	6181	-0.9	-77.0014	34.6588	NC	6253	-0.3	-77.0221	34.6543	NC
6110	-2.6	-76.5979	34.6624	NC	6182	-0.9	-77.002	34.6587	NC	6254	-3.5	-76.5759	34.6542	NC
6111	-0.1	-76.9829	34.6624	NC	6183	-3.6	-76.5863	34.6587	NC	6255	-0.3	-77.0226	34.6542	NC
6112	-2.6	-76.5973	34.6623	NC	6184	-3.6	-76.5857	34.6587	NC	6256	0.3	-76.4941	34.6542	NC
6113	-0.1	-76.9835	34.6623	NC	6185	0.3	-76.4912	34.6587	NC	6257	-0.2	-77.0231	34.6541	NC
6114	-0.2	-76.4893	34.6623	NC	6186	-3.6	-76.5852	34.6585	NC	6258	-0.2	-77.0237	34.654	NC
6115	-0.2	-76.984	34.6622	NC	6187	-3.8	-76.5858	34.6585	NC	6259	-3.5	-76.5754	34.654	NC
6116	-0.3	-76.9846	34.6621	NC	6188	-0.9	-77.0025	34.6585	NC	6260	-0.2	-77.0242	34.6539	NC
6117	-2.6	-76.5968	34.6621	NC	6189	-3.8	-76.5853	34.6584	NC	6261	-0.2	-77.0248	34.6538	NC
6118	-0.3	-76.9851	34.662	NC	6190	-0.9	-77.0031	34.6584	NC	6262	-3.5	-76.5749	34.6538	NC
6119	-0.2	-76.9856	34.6619	NC	6191	-3.5	-76.5847	34.6583	NC	6263	0.2	-76.4943	34.6538	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
6264	-0.2	-77.0253	34.6536	NC	6336	0.7	-76.4974	34.6489	NC	6408	1.5	-76.5005	34.6439	NC
6265	-3.6	-76.5744	34.6535	NC	6337	-0.1	-77.0454	34.6488	NC	6409	-1.9	-76.5554	34.6438	NC
6266	-0.2	-77.0259	34.6535	NC	6338	-2.9	-76.564	34.6488	NC	6410	-0.3	-77.0652	34.6438	NC
6267	-0.2	-77.0264	34.6534	NC	6339	-0.1	-77.0459	34.6487	NC	6411	-0.4	-77.0657	34.6437	NC
6268	0.3	-76.4946	34.6534	NC	6340	-2.8	-76.5635	34.6486	NC	6412	-0.4	-77.0662	34.6436	NC
6269	-3.6	-76.5739	34.6533	NC	6341	-0.1	-77.0464	34.6486	NC	6413	-1.9	-76.555	34.6435	NC
6270	-0.2	-77.0269	34.6533	NC	6342	-2.7	-76.563	34.6484	NC	6414	1.4	-76.5008	34.6435	NC
6271	-0.2	-77.0275	34.6532	NC	6343	0	-77.047	34.6484	NC	6415	-0.4	-77.0668	34.6434	NC
6272	-0.3	-77.028	34.6531	NC	6344	0.7	-76.4977	34.6484	NC	6416	-0.4	-77.0673	34.6433	NC
6273	-3.6	-76.5734	34.6531	NC	6345	0	-77.0475	34.6483	NC	6417	-2	-76.5547	34.6432	NC
6274	0.2	-76.4948	34.653	NC	6346	0.1	-77.048	34.6482	NC	6418	-1.3	-77.067	34.6432	NC
6275	-0.2	-77.0286	34.6529	NC	6347	-2.6	-76.5626	34.6481	NC	6419	-0.4	-77.0678	34.6432	NC
6276	-3.6	-76.5729	34.6529	NC	6348	0.1	-77.0486	34.648	NC	6420	1.4	-76.5011	34.6431	NC
6277	-0.3	-77.0291	34.6528	NC	6349	0.9	-76.498	34.648	NC	6421	-1.3	-77.0675	34.643	NC
6278	-0.2	-77.0296	34.6527	NC	6350	0	-77.0491	34.6479	NC	6422	-1.2	-77.0681	34.6429	NC
6279	-0.2	-77.0302	34.6526	NC	6351	-2.6	-76.5621	34.6479	NC	6423	-1.9	-76.5543	34.6428	NC
6280	-3.6	-76.5724	34.6526	NC	6352	0	-77.0496	34.6478	NC	6424	-1.2	-77.0686	34.6427	NC
6281	0.2	-76.4951	34.6526	NC	6353	-2.6	-76.5616	34.6477	NC	6425	1.3	-76.5013	34.6427	NC
6282	0.1	-77.0309	34.6525	NC	6354	-0.1	-77.0502	34.6476	NC	6426	-1.1	-77.0691	34.6426	NC
6283	-0.1	-77.0307	34.6525	NC	6355	1.2	-76.4982	34.6476	NC	6427	-2	-76.5539	34.6425	NC
6284	-3.5	-76.5719	34.6524	NC	6356	-2.3	-76.5611	34.6475	NC	6428	-1.1	-77.0696	34.6424	NC
6285	0.1	-77.0314	34.6524	NC	6357	0	-77.0507	34.6475	NC	6429	-1.1	-77.0702	34.6423	NC
6286	0.1	-77.0313	34.6524	NC	6358	-0.1	-77.0512	34.6474	NC	6430	1.4	-76.5016	34.6423	NC
6287	0.1	-77.0318	34.6522	NC	6359	-2.1	-76.5606	34.6472	NC	6431	-1	-77.0707	34.6421	NC
6288	-3.4	-76.5714	34.6522	NC	6360	0	-77.0518	34.6472	NC	6432	-1.9	-76.5535	34.6421	NC
6289	0.2	-77.032	34.6522	NC	6361	1.3	-76.4985	34.6472	NC	6433	-1	-77.0712	34.642	NC
6290	0.2	-77.0325	34.6521	NC	6362	0	-77.0523	34.6471	NC	6434	1.2	-76.5018	34.6419	NC
6291	0.3	-76.4954	34.6521	NC	6363	0.1	-77.0528	34.647	NC	6435	-1	-77.0718	34.6418	NC
6292	0.2	-77.033	34.652	NC	6364	-2.1	-76.5601	34.647	NC	6436	-1.9	-76.5532	34.6418	NC
6293	-3.4	-76.5709	34.652	NC	6365	0	-77.0534	34.6468	NC	6437	-1	-77.0723	34.6417	NC
6294	0.2	-77.0336	34.6518	NC	6366	-2	-76.5596	34.6468	NC	6438	-1.8	-76.5528	34.6415	NC
6295	0.1	-77.0341	34.6517	NC	6367	1.2	-76.4987	34.6468	NC	6439	-1.1	-77.0728	34.6415	NC
6296	-3.5	-76.5704	34.6517	NC	6368	0	-77.0539	34.6467	NC	6440	-1.2	-77.0733	34.6414	NC
6297	0.3	-76.4956	34.6517	NC	6369	-2	-76.5591	34.6466	NC	6441	1.2	-76.5021	34.6414	NC
6298	0.1	-77.0346	34.6516	NC	6370	0.1	-77.0544	34.6466	NC	6442	-1.2	-77.0739	34.6412	NC
6299	-3.4	-76.5699	34.6515	NC	6371	0.3	-77.055	34.6464	NC	6443	-1.6	-76.5524	34.6411	NC
6300	0.1	-77.0352	34.6514	NC	6372	1.3	-76.499	34.6464	NC	6444	-1.4	-77.0744	34.6411	NC
6301	-3.3	-76.5695	34.6513	NC	6373	-2	-76.5586	34.6463	NC	6445	1.1	-76.5024	34.641	NC
6302	0	-77.0357	34.6513	NC	6374	0.3	-77.0555	34.6463	NC	6446	-1.5	-77.0749	34.6409	NC
6303	0.3	-76.4959	34.6513	NC	6375	0.3	-77.0561	34.6461	NC	6447	-1.5	-76.552	34.6408	NC
6304	-0.1	-77.0363	34.6511	NC	6376	-1.8	-76.5581	34.6461	NC	6448	-1.6	-77.0755	34.6408	NC
6305	-3.3	-76.569	34.6511	NC	6377	0.3	-77.0566	34.646	NC	6449	-1.7	-77.076	34.6406	NC
6306	-0.3	-77.0368	34.651	NC	6378	1.3	-76.4992	34.646	NC	6450	1.1	-76.5026	34.6406	NC
6307	-0.3	-77.0373	34.6509	NC	6379	0.4	-77.0571	34.6459	NC	6451	-1.6	-77.0765	34.6405	NC
6308	0.3	-76.4961	34.6509	NC	6380	-1.7	-76.5576	34.6459	NC	6452	-1.4	-76.5516	34.6404	NC
6309	-3.2	-76.5685	34.6508	NC	6381	-1.6	-76.5571	34.6457	NC	6453	-1.5	-77.077	34.6403	NC
6310	-0.3	-77.0379	34.6507	NC	6382	0.2	-77.0577	34.6457	NC	6454	-1.6	-77.0776	34.6402	NC
6311	-3.1	-76.568	34.6506	NC	6383	0.2	-77.0582	34.6456	NC	6455	1	-76.5029	34.6402	NC
6312	-0.2	-77.0384	34.6506	NC	6384	1.3	-76.4995	34.6456	NC	6456	-1.3	-76.5513	34.6401	NC
6313	-0.1	-77.0389	34.6505	NC	6385	0.1	-77.0587	34.6455	NC	6457	-1.7	-77.0781	34.64	NC
6314	0.5	-76.4964	34.6505	NC	6386	-1.7	-76.5566	34.6454	NC	6458	-1.7	-77.0786	34.6399	NC
6315	-3.1	-76.5675	34.6504	NC	6387	0	-77.0593	34.6453	NC	6459	0.8	-76.5031	34.6398	NC
6316	0	-77.0395	34.6503	NC	6388	0	-77.0598	34.6452	NC	6460	-1.1	-76.5509	34.6397	NC
6317	0	-77.04	34.6502	NC	6389	-1.7	-76.5561	34.6452	NC	6461	-1.8	-77.0791	34.6397	NC
6318	-3	-76.567	34.6502	NC	6390	-0.1	-77.0603	34.6451	NC	6462	-1.7	-77.0797	34.6395	NC
6319	0	-77.0405	34.6501	NC	6391	1.4	-76.4998	34.6451	NC	6463	-1	-76.5505	34.6394	NC
6320	0.5	-76.4967	34.6501	NC	6392	-1.7	-76.5557	34.645	NC	6464	-1.6	-77.0802	34.6394	NC
6321	-0.1	-77.0411	34.6499	NC	6393	-0.1	-77.0609	34.6449	NC	6465	0.8	-76.5034	34.6394	NC
6322	-2.8	-76.5665	34.6499	NC	6394	-1.7	-76.5552	34.6448	NC	6466	-1.6	-77.0807	34.6392	NC
6323	-0.1	-77.0416	34.6498	NC	6395	0	-77.0614	34.6448	NC	6467	-1.7	-77.0813	34.6391	NC
6324	-0.1	-77.0421	34.6497	NC	6396	-0.1	-77.0619	34.6447	NC	6468	-0.8	-76.5501	34.6391	NC
6325	-2.8	-76.566	34.6497	NC	6397	1.5	-76.5	34.6447	NC	6469	0.9	-76.5037	34.639	NC
6326	0.6	-76.4969	34.6497	NC	6398	-1.6	-76.5547	34.6445	NC	6470	-1.8	-77.0818	34.6389	NC
6327	-2.7	-76.5655	34.6495	NC	6399	-0.1	-77.0625	34.6445	NC	6471	-1.8	-77.0823	34.6388	NC
6328	-0.1	-77.0427	34.6495	NC	6400	-2.2	-76.5562	34.6445	NC	6472	-0.6	-76.5497	34.6387	NC
6329	-0.1	-77.0432	34.6494	NC	6401	-0.1	-77.063	34.6444	NC	6473	-1.8	-77.0828	34.6386	NC
6330	-2.8	-76.565	34.6493	NC	6402	-0.2	-77.0635	34.6443	NC	6474	0.9	-76.5039	34.6386	NC
6331	-0.2	-77.0437	34.6493	NC	6403	-1.8	-76.5542	34.6443	NC	6475	-1.8	-77.0834	34.6385	NC
6332	0.5	-76.4972	34.6493	NC	6404	1.5	-76.5003	34.6443	NC	6476	-0.4	-76.5494	34.6384	NC
6333	-0.2	-77.0443	34.6491	NC	6405	-2.2	-76.5558	34.6442	NC	6477	-1.6	-77.0839	34.6383	NC
6334	-0.1	-77.0448	34.649	NC	6406	-0.3	-77.0641	34.6441	NC	6478	-1.4	-77.0844	34.6382	NC
6335	-2.9	-76.5645	34.649	NC	6407	-0.3	-77.0646	34.644	NC	6479	1.3	-76.5042	34.6382	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
6480	-1.2	-77.085	34.638	NC	6552	0.4	-77.1133	34.6311	NC	6624	1.6	-77.1365	34.6261	NC
6481	-0.2	-76.549	34.638	NC	6553	-12.3	-77.1138	34.631	NC	6625	-2.4	-76.5357	34.626	NC
6482	-1	-77.0855	34.6379	NC	6554	-22.6	-77.1143	34.6309	NC	6626	1.7	-77.1371	34.626	NC
6483	-1	-77.086	34.6377	NC	6555	1.2	-76.5088	34.6309	NC	6627	1.5	-76.5116	34.6259	NC
6484	0.1	-76.5486	34.6377	NC	6556	3.3	-76.541	34.6308	NC	6628	-8.7	-76.5625	34.6258	NC
6485	1.3	-76.5044	34.6377	NC	6557	-20.1	-77.1149	34.6308	NC	6629	-3.3	-76.5353	34.6257	NC
6486	-0.9	-77.0865	34.6376	NC	6558	-15.2	-77.1154	34.6307	NC	6630	1.5	-76.5118	34.6255	NC
6487	-0.9	-77.0871	34.6374	NC	6559	-8.2	-77.116	34.6306	NC	6631	-4.9	-76.535	34.6254	NC
6488	-0.8	-77.0876	34.6373	NC	6560	3.5	-76.5407	34.6305	NC	6632	-8.1	-76.5624	34.6254	NC
6489	0.3	-76.5482	34.6373	NC	6561	1.3	-76.509	34.6305	NC	6633	-6.2	-76.5346	34.625	NC
6490	1.2	-76.5047	34.6373	NC	6562	-0.7	-77.1165	34.6304	NC	6634	1.7	-77.1343	34.625	NC
6491	-0.8	-77.0881	34.6371	NC	6563	4.9	-77.117	34.6303	NC	6635	1.6	-76.5121	34.625	NC
6492	0.5	-76.5478	34.637	NC	6564	10.5	-77.1176	34.6302	NC	6636	-4.2	-76.5622	34.6249	NC
6493	-0.8	-77.0887	34.637	NC	6565	3.9	-76.5403	34.6302	NC	6637	1.7	-77.1348	34.6248	NC
6494	1.2	-76.5049	34.6369	NC	6566	11.4	-77.1181	34.6301	NC	6638	1.8	-77.1353	34.6246	NC
6495	-0.7	-77.0892	34.6368	NC	6567	1.4	-76.5092	34.6301	NC	6639	1.5	-76.5123	34.6246	NC
6496	0.7	-76.5475	34.6367	NC	6568	11.7	-77.1187	34.63	NC	6640	-3.5	-76.5621	34.6245	NC
6497	-0.5	-77.0897	34.6367	NC	6569	12.3	-77.1192	34.6299	NC	6641	1.7	-77.1358	34.6244	NC
6498	-0.5	-77.0902	34.6365	NC	6570	3.9	-76.5399	34.6298	NC	6642	1.6	-77.1363	34.6242	NC
6499	1.1	-76.5052	34.6365	NC	6571	13.4	-77.1197	34.6297	NC	6643	1.5	-76.5125	34.6242	NC
6500	-0.3	-77.0908	34.6364	NC	6572	1.4	-76.5095	34.6297	NC	6644	1.7	-77.1368	34.624	NC
6501	1	-76.5471	34.6363	NC	6573	12.5	-77.1203	34.6296	NC	6645	-1	-76.5619	34.624	NC
6502	-0.3	-77.0913	34.6362	NC	6574	11.6	-77.1208	34.6295	NC	6646	1.8	-77.1374	34.6238	NC
6503	-0.2	-77.0918	34.6361	NC	6575	3.7	-76.5395	34.6295	NC	6647	1.3	-76.5128	34.6238	NC
6504	1.1	-76.5055	34.6361	NC	6576	10.7	-77.1214	34.6294	NC	6648	1.8	-77.1379	34.6236	NC
6505	1.2	-76.5467	34.636	NC	6577	9.5	-77.1219	34.6293	NC	6649	10.7	-76.5617	34.6236	NC
6506	0.1	-77.0924	34.6359	NC	6578	8.1	-77.1225	34.6292	NC	6650	1.7	-77.1384	34.6234	NC
6507	0.4	-77.0929	34.6357	NC	6579	1.4	-76.5097	34.6292	NC	6651	1	-76.513	34.6233	NC
6508	1.1	-76.5057	34.6357	NC	6580	1.7	-76.5391	34.6291	NC	6652	1.7	-77.1389	34.6232	NC
6509	1.5	-76.5463	34.6356	NC	6581	6.7	-77.123	34.629	NC	6653	8.9	-76.5616	34.6231	NC
6510	0.6	-77.0934	34.6356	NC	6582	5.7	-77.1235	34.6289	NC	6654	1.6	-77.1394	34.623	NC
6511	1	-77.0939	34.6354	NC	6583	4.6	-77.1241	34.6288	NC	6655	1.2	-76.5132	34.6229	NC
6512	1.6	-76.546	34.6353	NC	6584	0.7	-76.5388	34.6288	NC	6656	1.6	-77.1399	34.6228	NC
6513	0.8	-77.0945	34.6353	NC	6585	1.3	-76.5099	34.6288	NC	6657	7	-76.5614	34.6227	NC
6514	1.2	-76.506	34.6353	NC	6586	3.8	-77.1246	34.6287	NC	6658	1.8	-77.1404	34.6226	NC
6515	0.6	-77.095	34.6351	NC	6587	3	-77.1252	34.6286	NC	6659	1.4	-76.5135	34.6225	NC
6516	0.3	-77.0955	34.635	NC	6588	2.4	-77.1257	34.6285	NC	6660	1.8	-77.1409	34.6224	NC
6517	1.7	-76.5456	34.6349	NC	6589	0.4	-76.5384	34.6284	NC	6661	6.2	-76.5612	34.6223	NC
6518	1.2	-76.5062	34.6349	NC	6590	1.2	-76.5102	34.6284	NC	6662	1.8	-77.1414	34.6222	NC
6519	-0.1	-77.096	34.6348	NC	6591	2	-77.1262	34.6283	NC	6663	1.4	-76.5137	34.6221	NC
6520	-0.5	-77.0966	34.6347	NC	6592	1.5	-77.1268	34.6282	NC	6664	1.8	-77.1419	34.622	NC
6521	2.1	-76.5452	34.6346	NC	6593	0	-76.538	34.6281	NC	6665	1.8	-77.1424	34.6218	NC
6522	-2.5	-77.0971	34.6345	NC	6594	1.1	-77.1273	34.6281	NC	6666	3.1	-76.5611	34.6218	NC
6523	1.1	-76.5065	34.6345	NC	6595	1	-77.1279	34.628	NC	6667	1.3	-76.5139	34.6217	NC
6524	-12.4	-77.0976	34.6344	NC	6596	1.2	-76.5104	34.628	NC	6668	1.8	-77.1429	34.6216	NC
6525	2.5	-76.5448	34.6343	NC	6597	0.8	-77.1284	34.6279	NC	6669	1.7	-77.1435	34.6214	NC
6526	-14.9	-77.0982	34.6342	NC	6598	-0.6	-76.5376	34.6278	NC	6670	1.9	-76.5609	34.6214	NC
6527	-16.4	-77.0987	34.6341	NC	6599	0.7	-77.1289	34.6278	NC	6671	1.7	-77.144	34.6212	NC
6528	1.2	-76.5068	34.634	NC	6600	0.6	-77.1295	34.6276	NC	6672	1.2	-76.5142	34.6212	NC
6529	2.9	-76.5444	34.6339	NC	6601	1.2	-76.5106	34.6276	NC	6673	1.7	-77.1445	34.621	NC
6530	-18.3	-77.0992	34.6339	NC	6602	0.3	-77.13	34.6275	NC	6674	0.2	-76.5608	34.6209	NC
6531	1.5	-76.5071	34.6339	NC	6603	-1.1	-76.5372	34.6274	NC	6675	1.7	-77.145	34.6208	NC
6532	-19.1	-77.0997	34.6338	NC	6604	0	-77.1306	34.6274	NC	6676	1.2	-76.5144	34.6208	NC
6533	-19.4	-77.1003	34.6336	NC	6605	0.2	-77.1311	34.6273	NC	6677	1.7	-77.1455	34.6206	NC
6534	3	-76.5441	34.6336	NC	6606	0.1	-77.1316	34.6272	NC	6678	-0.1	-76.5606	34.6205	NC
6535	1.3	-76.5073	34.6335	NC	6607	-1.5	-76.5369	34.6271	NC	6679	1.7	-77.146	34.6204	NC
6536	3.2	-76.5437	34.6332	NC	6608	-13.9	-76.563	34.6271	NC	6680	1	-76.5146	34.6204	NC
6537	1.2	-76.5076	34.633	NC	6609	0.4	-77.1322	34.6271	NC	6681	1.7	-77.1465	34.6202	NC
6538	3.5	-76.5433	34.6329	NC	6610	1.3	-76.5109	34.6271	NC	6682	-0.1	-76.5604	34.62	NC
6539	3.7	-76.5429	34.6326	NC	6611	0.7	-77.1327	34.6269	NC	6683	1.8	-77.147	34.62	NC
6540	1	-76.5078	34.6326	NC	6612	1	-77.1333	34.6268	NC	6684	1.1	-76.5149	34.62	NC
6541	4	-76.5425	34.6322	NC	6613	-9.9	-76.5629	34.6267	NC	6685	1.7	-77.1475	34.6198	NC
6542	1.1	-76.5081	34.6322	NC	6614	-1.8	-76.5365	34.6267	NC	6686	1.1	-76.5603	34.6196	NC
6543	4.2	-76.5422	34.6319	NC	6615	1.2	-77.1338	34.6267	NC	6687	1.7	-77.148	34.6196	NC
6544	0.9	-76.5083	34.6318	NC	6616	1.3	-76.5111	34.6267	NC	6688	1.1	-76.5151	34.6196	NC
6545	9.8	-77.1111	34.6316	NC	6617	1.3	-77.1344	34.6266	NC	6689	1.7	-77.1485	34.6194	NC
6546	4.3	-76.5418	34.6315	NC	6618	1.4	-77.1349	34.6265	NC	6690	1.6	-77.149	34.6192	NC
6547	7.5	-77.1116	34.6315	NC	6619	1.5	-77.1354	34.6264	NC	6691	2.1	-76.5601	34.6192	NC
6548	6.5	-77.1122	34.6314	NC	6620	-2	-76.5361	34.6264	NC	6692	1	-76.5153	34.6191	NC
6549	3	-77.1127	34.6313	NC	6621	-7.7	-76.5627	34.6263	NC	6693	1.6	-77.1496	34.619	NC
6550	1	-76.5085	34.6313	NC	6622	1.4	-76.5113	34.6263	NC	6694	1.6	-77.1501	34.6188	NC
6551	4	-76.5414	34.6312	NC	6623	1.6	-77.136	34.6262	NC	6695	2.5	-76.56	34.6187	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
6696	0.9	-76.5156	34.6187	NC	6768	-0.8	-76.52	34.6107	NC	6840	-1.3	-77.1912	34.6031	NC
6697	1.5	-77.1506	34.6186	NC	6769	-0.7	-76.5569	34.6103	NC	6841	-1.3	-77.1917	34.6029	NC
6698	1.5	-77.1511	34.6184	NC	6770	-0.8	-76.5203	34.6103	NC	6842	-2	-76.5217	34.6028	NC
6699	3.3	-76.5598	34.6183	NC	6771	-0.8	-76.5205	34.6099	NC	6843	-3.7	-76.5541	34.6027	NC
6700	0.9	-76.5158	34.6183	NC	6772	-0.7	-76.5567	34.6098	NC	6844	-1.5	-77.1922	34.6027	NC
6701	1.5	-77.1516	34.6182	NC	6773	-0.8	-77.1728	34.6097	NC	6845	-1.5	-77.1927	34.6025	NC
6702	1.5	-77.1521	34.618	NC	6774	-0.3	-77.1733	34.6096	NC	6846	-1.6	-77.1933	34.6024	NC
6703	1.4	-77.1526	34.6179	NC	6775	0.1	-77.1738	34.6094	NC	6847	-3.8	-76.554	34.6023	NC
6704	0.9	-76.516	34.6179	NC	6776	-0.9	-76.5565	34.6094	NC	6848	-2	-76.5219	34.6023	NC
6705	2.6	-76.5596	34.6178	NC	6777	-0.9	-76.5208	34.6094	NC	6849	-1.6	-77.1938	34.6022	NC
6706	1.5	-77.1531	34.6177	NC	6778	-0.7	-77.1743	34.6092	NC	6850	-1.7	-77.1943	34.602	NC
6707	1.3	-77.1536	34.6175	NC	6779	-1.7	-77.1748	34.609	NC	6851	-2.1	-76.522	34.6019	NC
6708	1.3	-76.5595	34.6174	NC	6780	-0.9	-76.521	34.609	NC	6852	-4	-76.5538	34.6018	NC
6709	0.8	-76.5163	34.6174	NC	6781	-1.1	-76.5564	34.6089	NC	6853	-1.7	-77.1948	34.6018	NC
6710	1.3	-77.1541	34.6173	NC	6782	-1.8	-77.1754	34.6088	NC	6854	-1.6	-77.1953	34.6016	NC
6711	1.2	-77.1546	34.6171	NC	6783	-1.8	-77.1759	34.6086	NC	6855	-3.1	-76.5552	34.6014	NC
6712	0.7	-76.5165	34.617	NC	6784	-1.1	-76.5212	34.6086	NC	6856	-1.6	-77.1958	34.6014	NC
6713	0.7	-76.5593	34.6169	NC	6785	-1.1	-76.5562	34.6085	NC	6857	-2	-76.5221	34.6014	NC
6714	1.2	-77.1551	34.6169	NC	6786	-1.4	-77.1764	34.6084	NC	6858	-1.6	-77.1963	34.6013	NC
6715	1	-77.1557	34.6167	NC	6787	-0.6	-77.1769	34.6083	NC	6859	-1.7	-77.1968	34.6011	NC
6716	0.5	-76.5168	34.6166	NC	6788	-1.3	-76.5215	34.6082	NC	6860	-3.4	-76.555	34.601	NC
6717	0.3	-76.5591	34.6165	NC	6789	-1.5	-76.5561	34.6081	NC	6861	-2.1	-76.5222	34.601	NC
6718	0.8	-77.1562	34.6165	NC	6790	-0.6	-77.1774	34.6081	NC	6862	-1.7	-77.1973	34.6009	NC
6719	0.9	-77.1567	34.6163	NC	6791	-1.9	-76.5203	34.6081	NC	6863	-1.8	-77.1979	34.6007	NC
6720	0.3	-76.517	34.6162	NC	6792	-0.7	-77.1779	34.6079	NC	6864	-3.6	-76.5547	34.6006	NC
6721	0.9	-77.1572	34.6161	NC	6793	-0.7	-77.1784	34.6077	NC	6865	-1.8	-77.1984	34.6005	NC
6722	0.2	-76.559	34.616	NC	6794	-2.1	-76.5204	34.6077	NC	6866	-1.9	-76.5223	34.6005	NC
6723	0.8	-77.1577	34.6159	NC	6795	-1.8	-76.5559	34.6076	NC	6867	-1.7	-77.1989	34.6003	NC
6724	0.1	-76.5172	34.6158	NC	6796	-0.9	-77.1789	34.6075	NC	6868	-3.8	-76.5545	34.6002	NC
6725	0.8	-77.1582	34.6157	NC	6797	-1	-77.1794	34.6073	NC	6869	-1.7	-77.1994	34.6001	NC
6726	0.3	-76.5588	34.6156	NC	6798	-1.9	-76.5557	34.6072	NC	6870	-1.9	-76.5225	34.6001	NC
6727	0.7	-77.1587	34.6155	NC	6799	-1.1	-77.18	34.6072	NC	6871	-1.7	-77.1999	34.6	NC
6728	0.6	-77.1592	34.6153	NC	6800	-2.2	-76.5205	34.6072	NC	6872	-1.7	-77.2004	34.5998	NC
6729	0	-76.5175	34.6153	NC	6801	-1.1	-77.1805	34.607	NC	6873	-3.9	-76.5542	34.5998	NC
6730	0.9	-76.5587	34.6152	NC	6802	-1	-77.181	34.6068	NC	6874	-1.8	-77.2009	34.5996	NC
6731	0.5	-77.1597	34.6151	NC	6803	-2.2	-76.5206	34.6068	NC	6875	-1.7	-76.5226	34.5996	NC
6732	0.5	-77.1602	34.6149	NC	6804	-1.9	-76.5556	34.6067	NC	6876	-1.9	-77.2014	34.5994	NC
6733	-0.2	-76.5177	34.6149	NC	6805	-1.2	-77.1815	34.6066	NC	6877	-4.1	-76.5539	34.5994	NC
6734	4.7	-76.5585	34.6147	NC	6806	-1.2	-77.182	34.6064	NC	6878	-2	-77.2019	34.5992	NC
6735	0.4	-77.1607	34.6147	NC	6807	-2	-76.5554	34.6063	NC	6879	-2.1	-76.5227	34.5992	NC
6736	0.4	-77.1612	34.6145	NC	6808	-2.1	-76.5208	34.6063	NC	6880	-2	-77.2025	34.599	NC
6737	-0.3	-76.5179	34.6145	NC	6809	-1.2	-77.1825	34.6062	NC	6881	-4.1	-76.5537	34.599	NC
6738	3.6	-76.5583	34.6143	NC	6810	-1.2	-77.183	34.606	NC	6882	-2.1	-76.5228	34.5987	NC
6739	0.4	-77.1618	34.6143	NC	6811	-1.3	-77.1835	34.6059	NC	6883	-4	-76.5534	34.5986	NC
6740	0.5	-77.1623	34.6141	NC	6812	-1.8	-76.5209	34.6059	NC	6884	-2.2	-76.5229	34.5983	NC
6741	-0.4	-76.5182	34.6141	NC	6813	-2.1	-76.5553	34.6058	NC	6885	-3.9	-76.5531	34.5981	NC
6742	0.5	-77.1628	34.6139	NC	6814	-1.3	-77.184	34.6057	NC	6886	-2.4	-76.5231	34.5978	NC
6743	2.2	-76.5582	34.6138	NC	6815	-1.3	-77.1846	34.6055	NC	6887	-4.1	-76.5529	34.5977	NC
6744	0.4	-77.1633	34.6137	NC	6816	-2.3	-76.5551	34.6054	NC	6888	-2.2	-76.5232	34.5974	NC
6745	-0.5	-76.5184	34.6137	NC	6817	-1.9	-76.521	34.6054	NC	6889	-4.3	-76.5526	34.5973	NC
6746	0.8	-77.1638	34.6135	NC	6818	-1.3	-77.1851	34.6053	NC	6890	-2	-76.5233	34.597	NC
6747	1.6	-76.558	34.6134	NC	6819	-1.3	-77.1856	34.6051	NC	6891	-4.2	-76.5523	34.5969	NC
6748	1.2	-77.1643	34.6133	NC	6820	-2.5	-76.5549	34.605	NC	6892	-4.3	-76.5521	34.5965	NC
6749	-0.6	-76.5186	34.6132	NC	6821	-1.9	-76.5211	34.605	NC	6893	-2.1	-76.5234	34.5965	NC
6750	-1.8	-77.1648	34.6131	NC	6822	-1.3	-77.1861	34.6049	NC	6894	-4.4	-76.5518	34.5961	NC
6751	1	-76.5578	34.6129	NC	6823	-1.3	-77.1866	34.6048	NC	6895	-1.8	-76.5236	34.5961	NC
6752	-1.7	-77.1653	34.6129	NC	6824	-1.3	-77.1871	34.6046	NC	6896	-4.5	-76.5516	34.5957	NC
6753	-0.5	-76.5189	34.6128	NC	6825	-2.7	-76.5548	34.6045	NC	6897	-1.6	-76.5237	34.5956	NC
6754	-0.6	-77.1658	34.6127	NC	6826	-1.9	-76.5213	34.6045	NC	6898	-4.6	-76.5513	34.5953	NC
6755	0.2	-76.5577	34.6125	NC	6827	-1.3	-77.1876	34.6044	NC	6899	-1.5	-76.5238	34.5952	NC
6756	0.3	-77.1663	34.6125	NC	6828	-1.3	-77.1881	34.6042	NC	6900	-4.7	-76.551	34.5949	NC
6757	-0.5	-76.5191	34.6124	NC	6829	-3	-76.5546	34.6041	NC	6901	-1.4	-76.5239	34.5947	NC
6758	6.1	-77.1668	34.6123	NC	6830	-2.1	-76.5214	34.6041	NC	6902	-4.9	-76.5508	34.5945	NC
6759	-0.6	-76.5575	34.6121	NC	6831	-1.3	-77.1887	34.604	NC	6903	-1.2	-77.2096	34.5943	NC
6760	-5.8	-77.1673	34.6121	NC	6832	-1.3	-77.1892	34.6038	NC	6904	-1.3	-76.524	34.5943	NC
6761	-0.5	-76.5193	34.612	NC	6833	-1.3	-77.1897	34.6037	NC	6905	-5	-76.5505	34.5941	NC
6762	-15.4	-77.1679	34.6119	NC	6834	-3.3	-76.5544	34.6036	NC	6906	-1.2	-77.2101	34.5941	NC
6763	-0.8	-76.5574	34.6116	NC	6835	-2	-76.5215	34.6036	NC	6907	-1.2	-77.2106	34.5938	NC
6764	-0.6	-76.5196	34.6116	NC	6836	-1.2	-77.1902	34.6035	NC	6908	-1	-76.5242	34.5938	NC
6765	-0.7	-76.5572	34.6112	NC	6837	-1.3	-77.1907	34.6033	NC	6909	-5.2	-76.5502	34.5937	NC
6766	-0.7	-76.5198	34.6111	NC	6838	-3.5	-76.5543	34.6032	NC	6910	-1.2	-77.211	34.5936	NC
6767	-0.7	-76.557	34.6107	NC	6839	-1.9	-76.5216	34.6032	NC	6911	-1	-76.5243	34.5934	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
6912	-5.2	-76.55	34.5933	NC	6984	-4.3	-77.2278	34.5844	NC	7056	-0.2	-77.2517	34.5704	NC
6913	-1.2	-77.2115	34.5933	NC	6985	-3	-77.2283	34.5842	NC	7057	-0.1	-77.2521	34.5701	NC
6914	-1.3	-77.212	34.5931	NC	6986	-7.1	-76.5439	34.584	NC	7058	-0.1	-77.2526	34.5699	NC
6915	-5.4	-76.5497	34.5929	NC	6987	-3.4	-76.5268	34.584	NC	7059	0	-77.253	34.5696	NC
6916	-1.2	-76.5244	34.5929	NC	6988	-2.1	-77.2287	34.5839	NC	7060	0	-77.2535	34.5693	NC
6917	-1.3	-77.2124	34.5928	NC	6989	-1.5	-77.2292	34.5837	NC	7061	-0.1	-77.254	34.569	NC
6918	-1.2	-77.2129	34.5926	NC	6990	-8.1	-76.5437	34.5836	NC	7062	-0.1	-77.2544	34.5688	NC
6919	-5.6	-76.5495	34.5925	NC	6991	-3.5	-76.5269	34.5836	NC	7063	-0.2	-77.2549	34.5685	NC
6920	-1.3	-76.5245	34.5925	NC	6992	-1.2	-77.2297	34.5834	NC	7064	-0.2	-77.2553	34.5682	NC
6921	-1.2	-77.2134	34.5923	NC	6993	-0.8	-77.2301	34.5832	NC	7065	-0.3	-77.2558	34.5679	NC
6922	-5.7	-76.5492	34.5921	NC	6994	-0.6	-76.5434	34.5832	NC	7066	-0.4	-77.2562	34.5677	NC
6923	-1.1	-77.2138	34.592	NC	6995	-3.4	-76.5271	34.5831	NC	7067	-0.4	-77.2567	34.5674	NC
6924	-1.4	-76.5246	34.592	NC	6996	-0.4	-77.2306	34.5829	NC	7068	-0.2	-77.2571	34.5671	NC
6925	-1.3	-77.2143	34.5918	NC	6997	-0.5	-76.5431	34.5828	NC	7069	-0.2	-77.2576	34.5668	NC
6926	-5.8	-76.5489	34.5917	NC	6998	0	-77.2311	34.5827	NC	7070	-0.3	-77.258	34.5666	NC
6927	-1.5	-76.5248	34.5916	NC	6999	-3.3	-76.5272	34.5827	NC	7071	-0.2	-77.2585	34.5663	NC
6928	-1.2	-77.2148	34.5915	NC	7000	0.8	-77.2318	34.5825	NC	7072	-0.2	-77.2589	34.566	NC
6929	-1.1	-77.2152	34.5913	NC	7001	0.4	-77.2315	34.5824	NC	7073	-0.2	-77.2594	34.5657	NC
6930	-6.1	-76.5487	34.5913	NC	7002	-0.5	-76.5429	34.5824	NC	7074	-0.4	-77.2598	34.5655	NC
6931	-1.2	-76.5249	34.5911	NC	7003	0.6	-77.232	34.5822	NC	7075	-0.4	-77.2603	34.5652	NC
6932	-1	-77.2157	34.591	NC	7004	0.6	-77.2323	34.5822	NC	7076	-0.5	-77.2607	34.5649	NC
6933	-6.3	-76.5484	34.5909	NC	7005	-3.1	-76.5273	34.5822	NC	7077	-0.5	-77.2612	34.5646	NC
6934	-1	-77.2162	34.5908	NC	7006	0.5	-77.2327	34.582	NC	7078	-0.6	-77.2616	34.5644	NC
6935	-1.1	-76.525	34.5907	NC	7007	-0.4	-76.5426	34.582	NC	7079	-0.6	-77.2621	34.5641	NC
6936	-1	-77.2166	34.5905	NC	7008	0.8	-77.2325	34.5819	NC	7080	0	-77.2619	34.564	NC
6937	-6.5	-76.5481	34.5905	NC	7009	-2.8	-76.5274	34.5818	NC	7081	-0.6	-77.2625	34.5638	NC
6938	-0.7	-77.2171	34.5903	NC	7010	0.6	-77.2332	34.5817	NC	7082	0.1	-77.2623	34.5637	NC
6939	-1.2	-76.5251	34.5903	NC	7011	0.6	-76.5423	34.5816	NC	7083	-0.6	-77.263	34.5635	NC
6940	-6.8	-76.5479	34.5901	NC	7012	0.4	-77.2336	34.5814	NC	7084	0	-77.2628	34.5634	NC
6941	-0.6	-77.2175	34.59	NC	7013	-2.7	-76.5276	34.5813	NC	7085	-0.1	-77.2632	34.5631	NC
6942	-0.3	-77.218	34.5898	NC	7014	1.6	-76.5421	34.5812	NC	7086	-0.1	-77.2636	34.5628	NC
6943	-1.1	-76.5253	34.5898	NC	7015	0.2	-77.2341	34.5811	NC	7087	-0.1	-77.264	34.5625	NC
6944	-6.8	-76.5476	34.5897	NC	7016	0.1	-77.2345	34.5809	NC	7088	0	-77.2645	34.5622	NC
6945	-0.1	-77.2185	34.5895	NC	7017	-2.6	-76.5277	34.5809	NC	7089	-0.1	-77.2649	34.5619	NC
6946	-0.9	-76.5254	34.5894	NC	7018	2.5	-76.5418	34.5808	NC	7090	0	-77.2653	34.5616	NC
6947	0.1	-77.2189	34.5893	NC	7019	0.2	-77.235	34.5806	NC	7091	-0.1	-77.2658	34.5613	NC
6948	-6.9	-76.5473	34.5893	NC	7020	0.1	-77.2354	34.5803	NC	7092	-0.1	-77.2662	34.561	NC
6949	0.4	-77.2194	34.589	NC	7021	0	-77.2359	34.58	NC	7093	0	-77.2666	34.5607	NC
6950	-7.1	-76.5471	34.5889	NC	7022	0.1	-77.2363	34.5798	NC	7094	0	-77.2671	34.5604	NC
6951	-0.5	-76.5255	34.5889	NC	7023	0.1	-77.2368	34.5795	NC	7095	-0.1	-77.2675	34.5601	NC
6952	1	-77.2199	34.5888	NC	7024	0.1	-77.2372	34.5792	NC	7096	-0.2	-77.2679	34.5598	NC
6953	1.5	-77.2203	34.5885	NC	7025	0.1	-77.2377	34.5789	NC	7097	-0.2	-77.2683	34.5595	NC
6954	0.7	-76.5256	34.5885	NC	7026	0.1	-77.2381	34.5787	NC	7098	-0.3	-77.2688	34.5592	NC
6955	-7.3	-76.5468	34.5884	NC	7027	0	-77.2386	34.5784	NC	7099	-0.4	-77.2692	34.5589	NC
6956	6.6	-77.2208	34.5882	NC	7028	-0.1	-77.239	34.5781	NC	7100	-0.3	-77.2696	34.5586	NC
6957	9.4	-77.2213	34.588	NC	7029	-0.2	-77.2395	34.5778	NC	7101	-0.3	-77.2701	34.5583	NC
6958	-7.4	-76.5466	34.588	NC	7030	-0.2	-77.2399	34.5776	NC	7102	-0.5	-77.2705	34.558	NC
6959	1.1	-76.5257	34.588	NC	7031	-0.1	-77.2404	34.5773	NC	7103	-0.5	-77.2709	34.5577	NC
6960	12.3	-77.2217	34.5877	NC	7032	-0.2	-77.2408	34.577	NC	7104	-0.4	-77.2714	34.5574	NC
6961	-7.6	-76.5463	34.5876	NC	7033	-0.3	-77.2413	34.5767	NC	7105	-0.3	-77.2718	34.5571	NC
6962	1.2	-76.5259	34.5876	NC	7034	-0.4	-77.2417	34.5765	NC	7106	-0.2	-77.2722	34.5568	NC
6963	6.8	-77.2222	34.5875	NC	7035	-0.5	-77.2422	34.5762	NC	7107	-0.2	-77.2726	34.5565	NC
6964	-7.9	-76.546	34.5872	NC	7036	-0.5	-77.2427	34.5759	NC	7108	-0.2	-77.2731	34.5562	NC
6965	4.8	-77.2227	34.5872	NC	7037	-0.4	-77.2431	34.5756	NC	7109	-0.2	-77.2735	34.5559	NC
6966	1.3	-76.526	34.5871	NC	7038	-0.5	-77.2436	34.5754	NC	7110	-0.3	-77.2739	34.5556	NC
6967	1.1	-77.2231	34.587	NC	7039	-0.6	-77.244	34.5751	NC	7111	-0.5	-77.2744	34.5553	NC
6968	-8.2	-76.5458	34.5868	NC	7040	-0.6	-77.2445	34.5748	NC	7112	-0.4	-77.2748	34.555	NC
6969	-2.5	-77.2236	34.5867	NC	7041	-0.6	-77.2449	34.5745	NC	7113	-0.5	-77.2752	34.5547	NC
6970	-1.7	-76.5261	34.5867	NC	7042	-0.6	-77.2454	34.5743	NC	7114	-0.4	-77.2756	34.5544	NC
6971	-8.6	-76.5455	34.5864	NC	7043	-0.6	-77.2458	34.574	NC	7115	-0.4	-77.2761	34.5541	NC
6972	-1.6	-76.5262	34.5862	NC	7044	-0.5	-77.2463	34.5737	NC	7116	-0.4	-77.2765	34.5538	NC
6973	-5.1	-76.5452	34.586	NC	7045	-0.6	-77.2467	34.5734	NC	7117	-0.4	-77.2769	34.5535	NC
6974	-3	-76.5263	34.5858	NC	7046	-0.5	-77.2472	34.5732	NC	7118	-0.5	-77.2774	34.5533	NC
6975	-5.9	-76.545	34.5856	NC	7047	-0.5	-77.2476	34.5729	NC	7119	-0.4	-77.2778	34.553	NC
6976	-3.2	-76.5265	34.5853	NC	7048	-0.5	-77.2481	34.5726	NC	7120	-0.4	-77.2782	34.5527	NC
6977	-6.6	-76.5447	34.5852	NC	7049	-0.3	-77.2485	34.5723	NC	7121	-0.5	-77.2787	34.5524	NC
6978	-8.1	-77.2269	34.5849	NC	7050	-0.2	-77.249	34.5721	NC	7122	-0.5	-77.2791	34.5521	NC
6979	-3.2	-76.5266	34.5849	NC	7051	-0.2	-77.2494	34.5718	NC	7123	-0.4	-77.2795	34.5518	NC
6980	-6.9	-76.5444	34.5848	NC	7052	-0.2	-77.2499	34.5715	NC	7124	-0.4	-77.2799	34.5515	NC
6981	-6	-77.2273	34.5847	NC	7053	-0.2	-77.2503	34.5712	NC	7125	-0.5	-77.2804	34.5512	NC
6982	-3.3	-76.5267	34.5845	NC	7054	-0.2	-77.2508	34.571	NC	7126	-0.3	-77.2808	34.5509	NC
6983	-7.3	-76.5442	34.5844	NC	7055	-0.3	-77.2512	34.5707	NC	7127	-0.3	-77.2812	34.5506	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
7128	-0.3	-77.2817	34.5503	NC	7200	-3.1	-77.3135	34.5299	NC	7272	-0.4	-77.3511	34.5139	NC
7129	-0.4	-77.2821	34.55	NC	7201	-3.3	-77.314	34.5297	NC	7273	-0.5	-77.3516	34.5137	NC
7130	-0.4	-77.2825	34.5497	NC	7202	-3.5	-77.3144	34.5294	NC	7274	-0.6	-77.3521	34.5135	NC
7131	-0.4	-77.2829	34.5494	NC	7203	-3.5	-77.3149	34.5291	NC	7275	-0.7	-77.3526	34.5133	NC
7132	-0.3	-77.2834	34.5491	NC	7204	-3.5	-77.3153	34.5289	NC	7276	-0.8	-77.3531	34.5131	NC
7133	-0.2	-77.2838	34.5488	NC	7205	-3.6	-77.3158	34.5286	NC	7277	-1	-77.3536	34.5129	NC
7134	-0.2	-77.2842	34.5485	NC	7206	-3.8	-77.3163	34.5284	NC	7278	-1	-77.3541	34.5127	NC
7135	-0.2	-77.2847	34.5482	NC	7207	-3.9	-77.3167	34.5281	NC	7279	-1	-77.3546	34.5125	NC
7136	-0.2	-77.2851	34.5479	NC	7208	-4.1	-77.3172	34.5278	NC	7280	-1.1	-77.3551	34.5123	NC
7137	-0.2	-77.2855	34.5476	NC	7209	-4.2	-77.3177	34.5276	NC	7281	-1.2	-77.3556	34.5121	NC
7138	-0.2	-77.286	34.5473	NC	7210	-4.2	-77.3181	34.5273	NC	7282	-1.3	-77.3561	34.5119	NC
7139	-0.2	-77.2864	34.547	NC	7211	-4.2	-77.3186	34.527	NC	7283	-1.3	-77.3566	34.5118	NC
7140	-0.3	-77.2868	34.5467	NC	7212	-4.3	-77.319	34.5268	NC	7284	-1.4	-77.3572	34.5116	NC
7141	-0.4	-77.2872	34.5464	NC	7213	-4.4	-77.3195	34.5265	NC	7285	-1.3	-77.3577	34.5114	NC
7142	-0.6	-77.2877	34.5461	NC	7214	-4.5	-77.32	34.5263	NC	7286	-1.4	-77.3582	34.5112	NC
7143	-0.8	-77.2881	34.5458	NC	7215	-4.6	-77.3204	34.526	NC	7287	-1.5	-77.3587	34.511	NC
7144	-1	-77.2885	34.5455	NC	7216	-4.6	-77.3209	34.5257	NC	7288	-1	-77.3586	34.5109	NC
7145	-1.1	-77.289	34.5452	NC	7217	-4.7	-77.3213	34.5255	NC	7289	-1.6	-77.3592	34.5108	NC
7146	-1.1	-77.2894	34.5449	NC	7218	-4.9	-77.3218	34.5252	NC	7290	-1.1	-77.3591	34.5107	NC
7147	-1.2	-77.2898	34.5446	NC	7219	-5.1	-77.3223	34.5249	NC	7291	-1.7	-77.3597	34.5106	NC
7148	-1.1	-77.2903	34.5443	NC	7220	-5.2	-77.3227	34.5247	NC	7292	-1.2	-77.3596	34.5104	NC
7149	-1	-77.2907	34.544	NC	7221	-5.2	-77.3232	34.5244	NC	7293	-1.2	-77.3601	34.5102	NC
7150	-0.9	-77.2911	34.5437	NC	7222	-3	-77.3247	34.524	NC	7294	-1.3	-77.3606	34.51	NC
7151	-0.8	-77.2915	34.5434	NC	7223	-3.1	-77.3252	34.5238	NC	7295	-1.4	-77.361	34.5098	NC
7152	-0.1	-77.2914	34.5425	NC	7224	-3.1	-77.3257	34.5236	NC	7296	-1.4	-77.3615	34.5095	NC
7153	-0.2	-77.2919	34.5422	NC	7225	-3.2	-77.3262	34.5234	NC	7297	-1.3	-77.362	34.5093	NC
7154	-0.4	-77.2923	34.542	NC	7226	-3.5	-77.3267	34.5232	NC	7298	-1.3	-77.3625	34.5091	NC
7155	-0.6	-77.2928	34.5417	NC	7227	-3.5	-77.3272	34.523	NC	7299	-1.3	-77.363	34.5089	NC
7156	-0.5	-77.2932	34.5415	NC	7228	-3.6	-77.3277	34.5228	NC	7300	-1.4	-77.3635	34.5086	NC
7157	-0.5	-77.2937	34.5412	NC	7229	-3.7	-77.3282	34.5226	NC	7301	-1.6	-77.364	34.5084	NC
7158	-0.6	-77.2942	34.5409	NC	7230	-3.8	-77.3288	34.5224	NC	7302	-1.5	-77.3645	34.5082	NC
7159	-0.7	-77.2946	34.5407	NC	7231	-4	-77.3293	34.5223	NC	7303	-1.7	-77.365	34.508	NC
7160	-0.7	-77.2951	34.5404	NC	7232	-4.2	-77.3298	34.5221	NC	7304	-1.7	-77.3654	34.5077	NC
7161	-0.8	-77.2955	34.5401	NC	7233	-4.5	-77.3303	34.5219	NC	7305	-1.7	-77.3659	34.5075	NC
7162	-0.8	-77.296	34.5399	NC	7234	-4.9	-77.3308	34.5217	NC	7306	-1.6	-77.3664	34.5073	NC
7163	-0.9	-77.2965	34.5396	NC	7235	-5.4	-77.3313	34.5215	NC	7307	-1.5	-77.3669	34.5071	NC
7164	-1.1	-77.2969	34.5394	NC	7236	-6.1	-77.3318	34.5213	NC	7308	-1.4	-77.3674	34.5068	NC
7165	-1.1	-77.2974	34.5391	NC	7237	-6.8	-77.3323	34.5211	NC	7309	-1.4	-77.3679	34.5066	NC
7166	-1	-77.2978	34.5388	NC	7238	-7.4	-77.3328	34.5209	NC	7310	-1.4	-77.3684	34.5064	NC
7167	-1.1	-77.2983	34.5386	NC	7239	-8.2	-77.3333	34.5207	NC	7311	-1.4	-77.3689	34.5062	NC
7168	-1.1	-77.2988	34.5383	NC	7240	-10.1	-77.3338	34.5205	NC	7312	-1.4	-77.3694	34.5059	NC
7169	-1	-77.2992	34.538	NC	7241	-17.3	-77.3353	34.5199	NC	7313	-1.4	-77.3698	34.5057	NC
7170	-1.1	-77.2997	34.5378	NC	7242	-16	-77.3359	34.5197	NC	7314	-1.4	-77.3703	34.5055	NC
7171	-1.1	-77.3002	34.5375	NC	7243	-15	-77.3364	34.5195	NC	7315	-1.4	-77.3708	34.5053	NC
7172	-1.2	-77.3006	34.5373	NC	7244	-12.7	-77.3369	34.5193	NC	7316	-1.4	-77.3713	34.505	NC
7173	-1.2	-77.3011	34.537	NC	7245	-10.4	-77.3374	34.5191	NC	7317	-1.4	-77.3718	34.5048	NC
7174	-1.2	-77.3015	34.5367	NC	7246	-13.7	-77.3379	34.5189	NC	7318	-1.3	-77.3723	34.5046	NC
7175	-1.2	-77.302	34.5365	NC	7247	-12.3	-77.3384	34.5188	NC	7319	-1.3	-77.3728	34.5044	NC
7176	-1.3	-77.3025	34.5362	NC	7248	-10.4	-77.3389	34.5186	NC	7320	-1.3	-77.3733	34.5041	NC
7177	-1.4	-77.3029	34.536	NC	7249	-6.1	-77.3394	34.5184	NC	7321	-1.2	-77.3738	34.5039	NC
7178	-1.5	-77.3034	34.5357	NC	7250	1	-77.3399	34.5182	NC	7322	-1.3	-77.3742	34.5037	NC
7179	-1.6	-77.3038	34.5354	NC	7251	1.7	-77.3404	34.518	NC	7323	-1.2	-77.3747	34.5035	NC
7180	-1.6	-77.3043	34.5352	NC	7252	1.4	-77.3409	34.5178	NC	7324	-1.2	-77.3752	34.5032	NC
7181	-1.6	-77.3048	34.5349	NC	7253	1.1	-77.3414	34.5176	NC	7325	-1.2	-77.3757	34.503	NC
7182	-1.6	-77.3052	34.5346	NC	7254	0.7	-77.3419	34.5174	NC	7326	-1.2	-77.3762	34.5028	NC
7183	-1.7	-77.3057	34.5344	NC	7255	0.4	-77.3424	34.5172	NC	7327	-1.1	-77.3767	34.5026	NC
7184	-1.7	-77.3061	34.5341	NC	7256	0.2	-77.343	34.517	NC	7328	-1.1	-77.3772	34.5023	NC
7185	-1.8	-77.3066	34.5339	NC	7257	0	-77.3435	34.5168	NC	7329	-1.1	-77.3777	34.5021	NC
7186	-1.9	-77.3071	34.5336	NC	7258	0.1	-77.344	34.5166	NC	7330	-1	-77.3781	34.5019	NC
7187	-2	-77.3075	34.5333	NC	7259	0.3	-77.3445	34.5164	NC	7331	-1	-77.3786	34.5017	NC
7188	-2	-77.308	34.5331	NC	7260	0.3	-77.345	34.5162	NC	7332	-1.1	-77.3791	34.5014	NC
7189	-2	-77.3084	34.5328	NC	7261	0.3	-77.3455	34.516	NC	7333	-1.1	-77.3796	34.5012	NC
7190	-2.1	-77.3089	34.5325	NC	7262	0.3	-77.346	34.5158	NC	7334	-1.1	-77.3801	34.501	NC
7191	-2.1	-77.3094	34.5323	NC	7263	0.4	-77.3465	34.5156	NC	7335	-1	-77.3806	34.5008	NC
7192	-2.2	-77.3098	34.532	NC	7264	0.4	-77.347	34.5154	NC	7336	-1	-77.3811	34.5005	NC
7193	-2.3	-77.3103	34.5318	NC	7265	0.4	-77.3475	34.5153	NC	7337	-1	-77.3816	34.5003	NC
7194	-2.3	-77.3107	34.5315	NC	7266	0.3	-77.348	34.5151	NC	7338	-1	-77.3821	34.5001	NC
7195	-2.3	-77.3112	34.5312	NC	7267	0	-77.3485	34.5149	NC	7339	-1.1	-77.3825	34.4999	NC
7196	-2.4	-77.3117	34.531	NC	7268	0	-77.349	34.5147	NC	7340	-1	-77.383	34.4996	NC
7197	-2.5	-77.3121	34.5307	NC	7269	-0.1	-77.3495	34.5145	NC	7341	-0.9	-77.3835	34.4994	NC
7198	-2.6	-77.3126	34.5304	NC	7270	-0.3	-77.3501	34.5143	NC	7342	-0.8	-77.384	34.4992	NC
7199	-2.9	-77.313	34.5302	NC	7271	-0.4	-77.3506	34.5141	NC	7343	-0.8	-77.3845	34.499	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
7344	-0.8	-77.385	34.4987	NC	7416	-0.7	-77.4183	34.4837	NC	7488	-0.5	-77.4526	34.4676	NC
7345	-0.7	-77.3855	34.4985	NC	7417	-0.7	-77.4188	34.4835	NC	7489	-0.5	-77.4531	34.4674	NC
7346	-0.7	-77.386	34.4983	NC	7418	-0.7	-77.4193	34.4832	NC	7490	-0.5	-77.4535	34.4672	NC
7347	-0.7	-77.3865	34.4981	NC	7419	-0.8	-77.4198	34.483	NC	7491	-0.5	-77.454	34.4669	NC
7348	-0.6	-77.3869	34.4978	NC	7420	-0.7	-77.4203	34.4828	NC	7492	-0.7	-77.4545	34.4667	NC
7349	-0.6	-77.3874	34.4976	NC	7421	-0.6	-77.4208	34.4825	NC	7493	-0.8	-77.455	34.4665	NC
7350	-0.6	-77.3879	34.4974	NC	7422	-0.6	-77.4213	34.4823	NC	7494	-0.8	-77.4555	34.4663	NC
7351	-0.5	-77.3884	34.4972	NC	7423	-0.6	-77.4218	34.4821	NC	7495	-0.8	-77.456	34.466	NC
7352	-0.6	-77.3889	34.4969	NC	7424	-0.6	-77.4223	34.4819	NC	7496	-0.8	-77.4565	34.4658	NC
7353	-0.7	-77.3894	34.4967	NC	7425	-0.7	-77.4228	34.4816	NC	7497	-0.8	-77.457	34.4656	NC
7354	-0.7	-77.3899	34.4965	NC	7426	-0.6	-77.4233	34.4814	NC	7498	-0.8	-77.4575	34.4653	NC
7355	-0.7	-77.3904	34.4963	NC	7427	-0.5	-77.4238	34.4812	NC	7499	-0.9	-77.458	34.4651	NC
7356	-1.3	-77.3918	34.496	NC	7428	-0.5	-77.4242	34.4809	NC	7500	-0.8	-77.4579	34.4651	NC
7357	-0.7	-77.3909	34.496	NC	7429	-0.5	-77.4247	34.4807	NC	7501	-0.8	-77.4584	34.4649	NC
7358	-1.2	-77.3923	34.4958	NC	7430	-0.5	-77.4252	34.4805	NC	7502	-1	-77.4585	34.4648	NC
7359	-0.7	-77.3913	34.4958	NC	7431	-0.6	-77.4252	34.4804	NC	7503	-0.8	-77.4589	34.4647	NC
7360	-0.6	-77.3918	34.4956	NC	7432	-0.5	-77.4257	34.4803	NC	7504	-1	-77.4589	34.4646	NC
7361	-1.2	-77.3928	34.4955	NC	7433	-0.7	-77.4257	34.4802	NC	7505	-1.1	-77.4594	34.4643	NC
7362	-0.6	-77.3923	34.4954	NC	7434	-0.7	-77.4262	34.4799	NC	7506	-1.1	-77.4599	34.4641	NC
7363	-1.2	-77.3933	34.4953	NC	7435	-0.6	-77.4267	34.4797	NC	7507	-1	-77.4603	34.4638	NC
7364	-1.2	-77.3938	34.4951	NC	7436	-0.6	-77.4272	34.4795	NC	7508	-1	-77.4608	34.4636	NC
7365	-0.6	-77.3928	34.4951	NC	7437	-0.5	-77.4276	34.4793	NC	7509	-1	-77.4613	34.4633	NC
7366	-1.3	-77.3943	34.4949	NC	7438	-0.5	-77.4281	34.479	NC	7510	-1	-77.4618	34.4631	NC
7367	-0.6	-77.3933	34.4949	NC	7439	-0.5	-77.4286	34.4788	NC	7511	-0.9	-77.4622	34.4628	NC
7368	-1.2	-77.3947	34.4946	NC	7440	-0.5	-77.4291	34.4786	NC	7512	-0.8	-77.4627	34.4626	NC
7369	-1.1	-77.3952	34.4944	NC	7441	-0.5	-77.4296	34.4783	NC	7513	-0.8	-77.4632	34.4623	NC
7370	-1	-77.3957	34.4942	NC	7442	-0.5	-77.4301	34.4781	NC	7514	-0.8	-77.4636	34.462	NC
7371	-0.9	-77.3962	34.4939	NC	7443	-0.5	-77.4306	34.4779	NC	7515	-0.7	-77.4641	34.4618	NC
7372	-0.9	-77.3967	34.4937	NC	7444	-0.6	-77.4311	34.4777	NC	7516	-0.7	-77.4646	34.4615	NC
7373	-1	-77.3972	34.4935	NC	7445	-0.5	-77.4316	34.4774	NC	7517	-0.7	-77.465	34.4613	NC
7374	-1	-77.3977	34.4933	NC	7446	-0.6	-77.432	34.4772	NC	7518	-0.7	-77.4655	34.461	NC
7375	-1	-77.3982	34.493	NC	7447	-0.6	-77.4325	34.477	NC	7519	-0.7	-77.466	34.4608	NC
7376	-1	-77.3987	34.4928	NC	7448	-0.6	-77.433	34.4767	NC	7520	-0.7	-77.4664	34.4605	NC
7377	-1	-77.3992	34.4926	NC	7449	-0.6	-77.4335	34.4765	NC	7521	-0.7	-77.4669	34.4603	NC
7378	-0.9	-77.3997	34.4923	NC	7450	-0.6	-77.434	34.4763	NC	7522	-0.7	-77.4674	34.46	NC
7379	-1	-77.4002	34.4921	NC	7451	-0.5	-77.4345	34.4761	NC	7523	-0.8	-77.4678	34.4597	NC
7380	-0.9	-77.4006	34.4919	NC	7452	-0.6	-77.435	34.4758	NC	7524	-0.8	-77.4683	34.4595	NC
7381	-0.9	-77.4011	34.4917	NC	7453	-0.5	-77.4355	34.4756	NC	7525	-0.9	-77.4688	34.4592	NC
7382	-1	-77.4016	34.4914	NC	7454	-0.5	-77.436	34.4754	NC	7526	-0.9	-77.4693	34.459	NC
7383	-1	-77.4021	34.4912	NC	7455	-0.5	-77.4364	34.4752	NC	7527	-1	-77.4697	34.4587	NC
7384	-0.9	-77.4026	34.491	NC	7456	-0.4	-77.4369	34.4749	NC	7528	-1.1	-77.4702	34.4585	NC
7385	-0.8	-77.4031	34.4908	NC	7457	-0.5	-77.4374	34.4747	NC	7529	-1.1	-77.4707	34.4582	NC
7386	-0.8	-77.4036	34.4905	NC	7458	-0.4	-77.4379	34.4745	NC	7530	-1.2	-77.4711	34.458	NC
7387	-0.8	-77.4041	34.4903	NC	7459	-0.4	-77.4384	34.4742	NC	7531	-1.2	-77.4716	34.4577	NC
7388	-0.9	-77.4046	34.4901	NC	7460	-0.4	-77.4389	34.474	NC	7532	-1.2	-77.4721	34.4575	NC
7389	-0.9	-77.4051	34.4898	NC	7461	-0.3	-77.4394	34.4738	NC	7533	-1.1	-77.4725	34.4572	NC
7390	-0.9	-77.4056	34.4896	NC	7462	-0.3	-77.4399	34.4736	NC	7534	-1.1	-77.473	34.4569	NC
7391	-0.8	-77.4061	34.4894	NC	7463	-0.3	-77.4404	34.4733	NC	7535	-1.1	-77.4735	34.4567	NC
7392	-0.8	-77.4065	34.4892	NC	7464	-0.3	-77.4408	34.4731	NC	7536	-0.9	-77.4739	34.4564	NC
7393	-0.8	-77.407	34.4889	NC	7465	-0.3	-77.4413	34.4729	NC	7537	-0.8	-77.4744	34.4562	NC
7394	-0.7	-77.4075	34.4887	NC	7466	-0.3	-77.4418	34.4726	NC	7538	-0.8	-77.4749	34.4559	NC
7395	-0.7	-77.408	34.4885	NC	7467	-0.3	-77.4423	34.4724	NC	7539	-0.8	-77.4754	34.4557	NC
7396	-0.7	-77.4085	34.4882	NC	7468	-0.4	-77.4428	34.4722	NC	7540	-0.8	-77.4758	34.4554	NC
7397	-0.5	-77.409	34.488	NC	7469	-0.3	-77.4433	34.472	NC	7541	-0.8	-77.4763	34.4552	NC
7398	-0.6	-77.4095	34.4878	NC	7470	-0.4	-77.4438	34.4717	NC	7542	-0.8	-77.4768	34.4549	NC
7399	-0.7	-77.41	34.4876	NC	7471	-0.4	-77.4443	34.4715	NC	7543	-0.8	-77.4772	34.4546	NC
7400	-0.7	-77.4105	34.4873	NC	7472	-0.4	-77.4447	34.4713	NC	7544	-0.7	-77.4777	34.4544	NC
7401	-0.6	-77.411	34.4871	NC	7473	-0.5	-77.4452	34.471	NC	7545	-0.5	-77.4782	34.4541	NC
7402	-0.6	-77.4115	34.4869	NC	7474	-0.4	-77.4457	34.4708	NC	7546	-0.5	-77.4786	34.4539	NC
7403	-0.5	-77.412	34.4866	NC	7475	-0.3	-77.4462	34.4706	NC	7547	-0.4	-77.4791	34.4536	NC
7404	-0.7	-77.4124	34.4864	NC	7476	-0.3	-77.4467	34.4704	NC	7548	-0.4	-77.4796	34.4534	NC
7405	-0.8	-77.4129	34.4862	NC	7477	-0.4	-77.4472	34.4701	NC	7549	-0.4	-77.48	34.4531	NC
7406	-0.8	-77.4134	34.486	NC	7478	-0.4	-77.4477	34.4699	NC	7550	-0.3	-77.4805	34.4529	NC
7407	-0.9	-77.4139	34.4857	NC	7479	-0.4	-77.4482	34.4697	NC	7551	-0.2	-77.481	34.4526	NC
7408	-0.8	-77.4144	34.4855	NC	7480	-0.5	-77.4487	34.4694	NC	7552	-0.2	-77.4815	34.4524	NC
7409	-0.8	-77.4149	34.4853	NC	7481	-0.5	-77.4491	34.4692	NC	7553	-0.2	-77.4819	34.4521	NC
7410	-0.7	-77.4154	34.485	NC	7482	-0.5	-77.4496	34.469	NC	7554	-0.2	-77.4824	34.4518	NC
7411	-0.7	-77.4159	34.4848	NC	7483	-0.4	-77.4501	34.4688	NC	7555	-0.1	-77.4829	34.4516	NC
7412	-0.7	-77.4164	34.4846	NC	7484	-0.5	-77.4506	34.4685	NC	7556	-0.1	-77.4833	34.4513	NC
7413	-0.7	-77.4169	34.4844	NC	7485	-0.5	-77.4511	34.4683	NC	7557	0	-77.4838	34.4511	NC
7414	-0.7	-77.4174	34.4841	NC	7486	-0.5	-77.4516	34.4681	NC	7558	-0.1	-77.4843	34.4508	NC
7415	-0.7	-77.4179	34.4839	NC	7487	-0.5	-77.4521	34.4679	NC	7559	-0.1	-77.4847	34.4506	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
7560	-0.1	-77.4852	34.4503	NC	7632	-0.1	-77.5171	34.4316	NC	7704	-0.4	-77.5489	34.4123	NC
7561	-0.1	-77.4857	34.4501	NC	7633	-0.1	-77.5176	34.4313	NC	7705	-0.4	-77.5494	34.4121	NC
7562	-0.2	-77.4861	34.4498	NC	7634	-0.2	-77.518	34.431	NC	7706	-0.4	-77.5498	34.4118	NC
7563	-0.2	-77.4866	34.4495	NC	7635	-0.2	-77.5185	34.4308	NC	7707	-0.4	-77.5503	34.4115	NC
7564	-0.2	-77.4871	34.4493	NC	7636	-0.2	-77.5189	34.4305	NC	7708	-0.4	-77.5518	34.4114	NC
7565	-0.1	-77.4875	34.449	NC	7637	-0.2	-77.5194	34.4302	NC	7709	-0.4	-77.5507	34.4113	NC
7566	-0.2	-77.488	34.4488	NC	7638	-0.2	-77.5198	34.4299	NC	7710	-0.4	-77.5522	34.4111	NC
7567	-0.1	-77.4885	34.4485	NC	7639	-0.1	-77.5203	34.4297	NC	7711	-0.4	-77.5512	34.411	NC
7568	-0.1	-77.489	34.4483	NC	7640	-0.1	-77.5207	34.4294	NC	7712	-0.4	-77.5527	34.4108	NC
7569	-0.2	-77.4894	34.448	NC	7641	0	-77.5208	34.4292	NC	7713	-0.2	-77.5516	34.4107	NC
7570	-0.4	-77.4899	34.4478	NC	7642	-0.1	-77.5212	34.4291	NC	7714	-0.5	-77.5531	34.4105	NC
7571	0.1	-77.4898	34.4477	NC	7643	-0.1	-77.5213	34.4289	NC	7715	-0.2	-77.5521	34.4104	NC
7572	-0.4	-77.4904	34.4475	NC	7644	-0.1	-77.5217	34.4287	NC	7716	-0.4	-77.5535	34.4102	NC
7573	0.3	-77.4903	34.4474	NC	7645	-0.1	-77.5222	34.4284	NC	7717	-0.4	-77.554	34.4099	NC
7574	0.4	-77.4907	34.4472	NC	7646	-0.2	-77.5226	34.4281	NC	7718	-0.4	-77.5544	34.4097	NC
7575	0.4	-77.4912	34.4469	NC	7647	-0.2	-77.5231	34.4278	NC	7719	-0.4	-77.5548	34.4094	NC
7576	0.4	-77.4916	34.4466	NC	7648	-0.2	-77.5235	34.4276	NC	7720	-0.4	-77.5553	34.4091	NC
7577	0.5	-77.4921	34.4464	NC	7649	-0.2	-77.524	34.4273	NC	7721	-0.4	-77.5557	34.4088	NC
7578	0.5	-77.4925	34.4461	NC	7650	-0.2	-77.5244	34.427	NC	7722	-0.4	-77.5562	34.4085	NC
7579	0.5	-77.493	34.4458	NC	7651	-0.2	-77.5249	34.4268	NC	7723	-0.3	-77.5566	34.4082	NC
7580	0.5	-77.4934	34.4455	NC	7652	-0.1	-77.5253	34.4265	NC	7724	-0.3	-77.557	34.4079	NC
7581	0.5	-77.4939	34.4453	NC	7653	0	-77.5258	34.4262	NC	7725	-0.3	-77.5575	34.4076	NC
7582	0.4	-77.4943	34.445	NC	7654	0	-77.5262	34.4259	NC	7726	-0.3	-77.5579	34.4073	NC
7583	0.4	-77.4948	34.4447	NC	7655	-0.1	-77.5267	34.4257	NC	7727	-0.3	-77.5583	34.407	NC
7584	0.4	-77.4953	34.4445	NC	7656	-0.2	-77.5271	34.4254	NC	7728	-0.3	-77.5588	34.4068	NC
7585	0.4	-77.4957	34.4442	NC	7657	-0.2	-77.5276	34.4251	NC	7729	-0.4	-77.5592	34.4065	NC
7586	0.4	-77.4962	34.4439	NC	7658	-0.2	-77.5281	34.4249	NC	7730	-0.4	-77.5596	34.4062	NC
7587	0.3	-77.4966	34.4437	NC	7659	-0.4	-77.5285	34.4246	NC	7731	-0.4	-77.5601	34.4059	NC
7588	0.4	-77.4971	34.4434	NC	7660	-0.4	-77.529	34.4243	NC	7732	-0.5	-77.5605	34.4056	NC
7589	0.5	-77.4975	34.4431	NC	7661	-0.4	-77.5294	34.424	NC	7733	-0.5	-77.5609	34.4053	NC
7590	0.5	-77.498	34.4429	NC	7662	-0.5	-77.5299	34.4238	NC	7734	-0.5	-77.5614	34.405	NC
7591	0.6	-77.4984	34.4426	NC	7663	-0.6	-77.5303	34.4235	NC	7735	-0.5	-77.5618	34.4047	NC
7592	0.6	-77.4989	34.4423	NC	7664	-0.6	-77.5308	34.4232	NC	7736	-0.5	-77.5622	34.4044	NC
7593	0.7	-77.4994	34.4421	NC	7665	-0.6	-77.5312	34.4229	NC	7737	-0.4	-77.5627	34.4041	NC
7594	0.7	-77.4998	34.4418	NC	7666	-0.6	-77.5317	34.4227	NC	7738	-0.4	-77.5631	34.4039	NC
7595	0.6	-77.5003	34.4415	NC	7667	-0.5	-77.5321	34.4224	NC	7739	-0.3	-77.5636	34.4036	NC
7596	0.6	-77.5007	34.4412	NC	7668	-0.5	-77.5326	34.4221	NC	7740	-0.2	-77.564	34.4033	NC
7597	0.7	-77.5012	34.441	NC	7669	-0.6	-77.533	34.4219	NC	7741	-0.3	-77.5644	34.403	NC
7598	0.6	-77.5016	34.4407	NC	7670	-0.5	-77.5335	34.4216	NC	7742	-0.4	-77.5649	34.4027	NC
7599	0.6	-77.5021	34.4404	NC	7671	-0.4	-77.534	34.4213	NC	7743	-0.4	-77.5653	34.4024	NC
7600	0.6	-77.5025	34.4402	NC	7672	-0.3	-77.5344	34.421	NC	7744	-0.5	-77.5657	34.4021	NC
7601	0.6	-77.503	34.4399	NC	7673	-0.2	-77.5349	34.4208	NC	7745	-0.4	-77.5662	34.4018	NC
7602	0.7	-77.5034	34.4396	NC	7674	-0.3	-77.5353	34.4205	NC	7746	-0.4	-77.5666	34.4015	NC
7603	0.7	-77.5039	34.4394	NC	7675	-0.4	-77.5358	34.4202	NC	7747	-0.4	-77.567	34.4012	NC
7604	0.8	-77.5044	34.4391	NC	7676	-0.3	-77.5362	34.42	NC	7748	-0.3	-77.5675	34.401	NC
7605	0.8	-77.5048	34.4388	NC	7677	-0.3	-77.5367	34.4197	NC	7749	-0.2	-77.5679	34.4007	NC
7606	0.7	-77.5053	34.4386	NC	7678	-0.2	-77.5371	34.4194	NC	7750	-0.2	-77.5683	34.4004	NC
7607	0.8	-77.5057	34.4383	NC	7679	-0.2	-77.5376	34.4191	NC	7751	-0.2	-77.5688	34.4001	NC
7608	0.7	-77.5062	34.438	NC	7680	-0.3	-77.538	34.4189	NC	7752	-0.1	-77.5692	34.3998	NC
7609	0.6	-77.5066	34.4377	NC	7681	-0.2	-77.5385	34.4186	NC	7753	-0.1	-77.5696	34.3995	NC
7610	0.6	-77.5071	34.4375	NC	7682	-0.1	-77.5389	34.4183	NC	7754	-0.3	-77.5701	34.3992	NC
7611	0.6	-77.5075	34.4372	NC	7683	0	-77.5394	34.4181	NC	7755	-0.4	-77.5705	34.3989	NC
7612	0.5	-77.508	34.4369	NC	7684	0	-77.5398	34.4178	NC	7756	-0.4	-77.5709	34.3986	NC
7613	0.6	-77.5085	34.4367	NC	7685	0.1	-77.5403	34.4175	NC	7757	-0.4	-77.5714	34.3983	NC
7614	0.5	-77.5089	34.4364	NC	7686	0.1	-77.5408	34.4172	NC	7758	-0.4	-77.5718	34.3981	NC
7615	0.4	-77.5094	34.4361	NC	7687	0	-77.5412	34.417	NC	7759	-0.4	-77.5723	34.3978	NC
7616	0.4	-77.5098	34.4359	NC	7688	0	-77.5417	34.4167	NC	7760	-0.4	-77.5727	34.3975	NC
7617	0.3	-77.5103	34.4356	NC	7689	0	-77.5421	34.4164	NC	7761	-0.4	-77.5731	34.3972	NC
7618	0.2	-77.5107	34.4353	NC	7690	0.1	-77.5426	34.4162	NC	7762	-0.4	-77.5736	34.3969	NC
7619	0.3	-77.5112	34.4351	NC	7691	0.1	-77.543	34.4159	NC	7763	-0.4	-77.574	34.3966	NC
7620	0.2	-77.5116	34.4348	NC	7692	0	-77.5435	34.4156	NC	7764	-0.4	-77.5744	34.3963	NC
7621	0.2	-77.5121	34.4345	NC	7693	0	-77.5439	34.4153	NC	7765	-0.2	-77.5749	34.396	NC
7622	0.2	-77.5125	34.4342	NC	7694	-0.1	-77.5444	34.4151	NC	7766	-0.4	-77.5753	34.3957	NC
7623	0.2	-77.513	34.434	NC	7695	-0.2	-77.5448	34.4148	NC	7767	-0.5	-77.5757	34.3954	NC
7624	0.2	-77.5135	34.4337	NC	7696	-0.2	-77.5453	34.4145	NC	7768	-0.5	-77.5762	34.3952	NC
7625	0.2	-77.5139	34.4334	NC	7697	-0.1	-77.5457	34.4142	NC	7769	-0.4	-77.5766	34.3949	NC
7626	0.2	-77.5144	34.4332	NC	7698	-0.1	-77.5462	34.414	NC	7770	-0.4	-77.577	34.3946	NC
7627	0.1	-77.5148	34.4329	NC	7699	-0.2	-77.5467	34.4137	NC	7771	-0.3	-77.5775	34.3943	NC
7628	0.1	-77.5153	34.4326	NC	7700	-0.3	-77.5471	34.4134	NC	7772	-0.3	-77.5779	34.394	NC
7629	0.1	-77.5157	34.4324	NC	7701	-0.3	-77.5476	34.4132	NC	7773	-0.2	-77.5783	34.3937	NC
7630	0	-77.5162	34.4321	NC	7702	-0.3	-77.548	34.4129	NC	7774	-0.2	-77.5788	34.3934	NC
7631	-0.1	-77.5166	34.4318	NC	7703	-0.3	-77.5485	34.4126	NC	7775	-0.2	-77.5792	34.3931	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
7776	-0.2	-77.5797	34.3928	NC	7848	0	-77.611	34.3723	NC	7920	0.3	-77.637	34.3499	NC
7777	-0.3	-77.5801	34.3925	NC	7849	-0.5	-77.6081	34.3721	NC	7921	1.1	-77.6374	34.3496	NC
7778	-0.3	-77.5805	34.3923	NC	7850	0.1	-77.6114	34.3719	NC	7922	0.6	-77.6374	34.3496	NC
7779	-0.6	-77.5812	34.3922	NC	7851	-0.5	-77.6085	34.3717	NC	7923	1.2	-77.6378	34.3493	NC
7780	-0.3	-77.581	34.392	NC	7852	0.1	-77.6118	34.3716	NC	7924	1.5	-77.6382	34.349	NC
7781	-0.6	-77.5816	34.3919	NC	7853	-0.5	-77.6089	34.3714	NC	7925	1.7	-77.6386	34.3486	NC
7782	-0.2	-77.5814	34.3917	NC	7854	0.1	-77.6122	34.3713	NC	7926	2	-77.639	34.3483	NC
7783	-0.6	-77.582	34.3916	NC	7855	-0.5	-77.6094	34.3711	NC	7927	2.3	-77.6394	34.348	NC
7784	-0.3	-77.5818	34.3914	NC	7856	0.1	-77.6125	34.3709	NC	7928	2.8	-77.6398	34.3477	NC
7785	-0.6	-77.5824	34.3913	NC	7857	-0.5	-77.6098	34.3708	NC	7929	3.3	-77.6402	34.3474	NC
7786	-0.6	-77.5829	34.391	NC	7858	0.1	-77.6129	34.3706	NC	7930	-5	-77.6406	34.3471	NC
7787	-0.6	-77.5833	34.3907	NC	7859	0	-77.6133	34.3703	NC	7931	NA	-77.6411	34.3467	NC
7788	-0.6	-77.5837	34.3903	NC	7860	0	-77.6137	34.3699	NC	7932	-1.2	-77.6415	34.3464	NC
7789	-0.6	-77.5841	34.39	NC	7861	0	-77.6141	34.3696	NC	7933	-0.1	-77.6419	34.3461	NC
7790	-0.6	-77.5845	34.3897	NC	7862	0	-77.6145	34.3693	NC	7934	0.3	-77.6423	34.3458	NC
7791	-0.5	-77.5849	34.3894	NC	7863	-0.1	-77.6149	34.3689	NC	7935	0.9	-77.6427	34.3455	NC
7792	-0.5	-77.5853	34.3891	NC	7864	-0.1	-77.6153	34.3686	NC	7936	1.6	-77.6431	34.3452	NC
7793	-0.6	-77.5858	34.3888	NC	7865	-0.2	-77.6157	34.3683	NC	7937	2.1	-77.6435	34.3448	NC
7794	-0.6	-77.5862	34.3885	NC	7866	-0.2	-77.616	34.3679	NC	7938	-1.8	-77.6439	34.3445	NC
7795	-0.7	-77.5866	34.3882	NC	7867	-0.1	-77.6164	34.3676	NC	7939	0.4	-77.6443	34.3442	NC
7796	-0.6	-77.587	34.3879	NC	7868	-0.1	-77.6168	34.3673	NC	7940	1.6	-77.6447	34.3439	NC
7797	-0.6	-77.5874	34.3876	NC	7869	0	-77.6172	34.3669	NC	7941	1.4	-77.6451	34.3436	NC
7798	-0.5	-77.5878	34.3872	NC	7870	0	-77.6176	34.3666	NC	7942	2.8	-77.6455	34.3433	NC
7799	-0.6	-77.5882	34.3869	NC	7871	0	-77.618	34.3663	NC	7943	4.3	-77.6459	34.3429	NC
7800	-0.6	-77.5887	34.3866	NC	7872	-0.1	-77.6184	34.3659	NC	7944	3.2	-77.6463	34.3426	NC
7801	-0.6	-77.5891	34.3863	NC	7873	-0.2	-77.6188	34.3656	NC	7945	2	-77.6467	34.3423	NC
7802	-0.5	-77.5895	34.386	NC	7874	-0.1	-77.6192	34.3653	NC	7946	1.9	-77.6471	34.342	NC
7803	-0.5	-77.5899	34.3857	NC	7875	-0.1	-77.6195	34.3649	NC	7947	1.9	-77.6475	34.3417	NC
7804	-0.5	-77.5903	34.3854	NC	7876	-0.2	-77.6199	34.3646	NC	7948	1.9	-77.6479	34.3414	NC
7805	-0.6	-77.5907	34.3851	NC	7877	-0.2	-77.6203	34.3643	NC	7949	1.5	-77.6484	34.341	NC
7806	-0.6	-77.5911	34.3848	NC	7878	-0.3	-77.6207	34.3639	NC	7950	1.4	-77.6488	34.3407	NC
7807	-0.7	-77.5916	34.3845	NC	7879	-0.3	-77.6211	34.3636	NC	7951	1.1	-77.6492	34.3404	NC
7808	-0.6	-77.592	34.3841	NC	7880	-0.2	-77.6215	34.3633	NC	7952	0.8	-77.6496	34.3401	NC
7809	-0.6	-77.5924	34.3838	NC	7881	-0.2	-77.6219	34.3629	NC	7953	0.4	-77.65	34.3398	NC
7810	-0.5	-77.5928	34.3835	NC	7882	-0.1	-77.6223	34.3626	NC	7954	-0.1	-77.6504	34.3395	NC
7811	-0.5	-77.5932	34.3832	NC	7883	0	-77.6227	34.3623	NC	7955	-0.6	-77.6508	34.3391	NC
7812	-0.5	-77.5936	34.3829	NC	7884	0.1	-77.623	34.3619	NC	7956	-1	-77.6512	34.3388	NC
7813	-0.5	-77.594	34.3826	NC	7885	0.2	-77.6234	34.3616	NC	7957	-2.2	-77.6516	34.3385	NC
7814	-0.5	-77.5945	34.3823	NC	7886	0.2	-77.6238	34.3613	NC	7958	0.5	-77.652	34.3382	NC
7815	-0.5	-77.5949	34.382	NC	7887	0.2	-77.6242	34.3609	NC	7959	0.7	-77.6524	34.3379	NC
7816	-0.5	-77.5953	34.3817	NC	7888	0.2	-77.6246	34.3606	NC	7960	0.9	-77.6528	34.3376	NC
7817	-0.5	-77.5957	34.3814	NC	7889	0.2	-77.625	34.3602	NC	7961	1.1	-77.6532	34.3372	NC
7818	-0.5	-77.5961	34.381	NC	7890	0.2	-77.6254	34.3599	NC	7962	0.8	-77.6536	34.3369	NC
7819	-0.5	-77.5965	34.3807	NC	7891	0.2	-77.6258	34.3596	NC	7963	15	-77.654	34.3366	NC
7820	-0.6	-77.5969	34.3804	NC	7892	-0.1	-77.6261	34.3592	NC	7964	5.9	-77.6544	34.3363	NC
7821	-0.5	-77.5973	34.3801	NC	7893	-0.3	-77.6265	34.3589	NC	7965	-3.3	-77.6548	34.336	NC
7822	-0.5	-77.5978	34.3798	NC	7894	-0.2	-77.6269	34.3586	NC	7966	-11.8	-77.6552	34.3357	NC
7823	-0.5	-77.5982	34.3795	NC	7895	-0.2	-77.6273	34.3582	NC	7967	-10.6	-77.6557	34.3353	NC
7824	-0.5	-77.5986	34.3792	NC	7896	-0.3	-77.6277	34.3579	NC	7968	-9.5	-77.6561	34.335	NC
7825	-0.5	-77.599	34.3789	NC	7897	-0.3	-77.6281	34.3576	NC	7969	-8.2	-77.6565	34.3347	NC
7826	-0.5	-77.5994	34.3786	NC	7898	-0.4	-77.6285	34.3572	NC	7970	-6.9	-77.6569	34.3344	NC
7827	-0.5	-77.5998	34.3783	NC	7899	-0.5	-77.6289	34.3569	NC	7971	-0.6	-77.6573	34.3341	NC
7828	-0.5	-77.6002	34.3779	NC	7900	-0.5	-77.6293	34.3566	NC	7972	0.2	-77.6577	34.3338	NC
7829	-0.6	-77.6007	34.3776	NC	7901	-0.4	-77.6296	34.3562	NC	7973	0.9	-77.6581	34.3334	NC
7830	-0.6	-77.6011	34.3773	NC	7902	-0.5	-77.63	34.3559	NC	7974	1.2	-77.6585	34.3331	NC
7831	-0.7	-77.6015	34.377	NC	7903	-0.6	-77.6304	34.3556	NC	7975	1.4	-77.6589	34.3328	NC
7832	-0.7	-77.6019	34.3767	NC	7904	-0.5	-77.6308	34.3552	NC	7976	1.3	-77.6593	34.3325	NC
7833	-0.6	-77.6023	34.3764	NC	7905	-0.5	-77.6312	34.3549	NC	7977	1.3	-77.6597	34.3322	NC
7834	-0.5	-77.6027	34.3761	NC	7906	-0.5	-77.6316	34.3546	NC	7978	1	-77.6601	34.3319	NC
7835	-0.3	-77.6031	34.3758	NC	7907	-0.5	-77.632	34.3542	NC	7979	0.7	-77.6605	34.3315	NC
7836	-0.1	-77.6036	34.3755	NC	7908	-0.6	-77.6324	34.3539	NC	7980	0.2	-77.6609	34.3312	NC
7837	0	-77.604	34.3752	NC	7909	-0.6	-77.6328	34.3536	NC	7981	0	-77.6613	34.3309	NC
7838	0.1	-77.6044	34.3748	NC	7910	-0.6	-77.6331	34.3532	NC	7982	-0.2	-77.6617	34.3306	NC
7839	0.2	-77.6048	34.3745	NC	7911	-0.5	-77.6335	34.3529	NC	7983	-0.4	-77.6621	34.3303	NC
7840	0	-77.6052	34.3742	NC	7912	-0.4	-77.6339	34.3526	NC	7984	0.6	-77.6625	34.33	NC
7841	-0.1	-77.6056	34.3739	NC	7913	-0.3	-77.6343	34.3522	NC	7985	1.5	-77.663	34.3296	NC
7842	-0.4	-77.606	34.3736	NC	7914	-0.3	-77.6347	34.3519	NC	7986	1.9	-77.6634	34.3293	NC
7843	-0.5	-77.6065	34.3733	NC	7915	-0.3	-77.6351	34.3516	NC	7987	-26.4	-77.6658	34.3291	NC
7844	-0.5	-77.6069	34.373	NC	7916	-0.3	-77.6355	34.3512	NC	7988	2.4	-77.6638	34.329	NC
7845	-0.5	-77.6073	34.3727	NC	7917	-0.2	-77.6359	34.3509	NC	7989	-26.4	-77.6662	34.3288	NC
7846	0	-77.6106	34.3726	NC	7918	-0.2	-77.6363	34.3506	NC	7990	2.6	-77.6642	34.3287	NC
7847	-0.5	-77.6077	34.3724	NC	7919	0	-77.6366	34.3502	NC	7991	-26.5	-77.6666	34.3284	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
7992	3	-77.6646	34.3284	NC	8064	-1.7	-77.692	34.3059	NC	8136	0.1	-77.7221	34.2783	NC
7993	-26.5	-77.6669	34.3281	NC	8065	-1.9	-77.6927	34.3058	NC	8137	0.1	-77.7225	34.2779	NC
7994	0.4	-77.665	34.3281	NC	8066	-1.9	-77.6931	34.3054	NC	8138	0	-77.7229	34.2776	NC
7995	-26.6	-77.6673	34.3278	NC	8067	-1.7	-77.6934	34.3051	NC	8139	-0.1	-77.7233	34.2773	NC
7996	0.5	-77.6654	34.3277	NC	8068	-1.7	-77.6937	34.3047	NC	8140	-0.2	-77.7236	34.2769	NC
7997	-26.7	-77.6677	34.3274	NC	8069	-1.8	-77.6941	34.3043	NC	8141	-0.3	-77.724	34.2766	NC
7998	-26.9	-77.6681	34.3271	NC	8070	-1.8	-77.6944	34.304	NC	8142	-0.2	-77.7244	34.2762	NC
7999	-27.1	-77.6685	34.3267	NC	8071	-1.8	-77.6947	34.3036	NC	8143	-0.3	-77.7248	34.2759	NC
8000	-27.6	-77.6688	34.3264	NC	8072	-1.9	-77.6951	34.3032	NC	8144	-0.3	-77.7251	34.2756	NC
8001	-0.7	-77.6692	34.3261	NC	8073	-1.8	-77.6954	34.3029	NC	8145	-0.4	-77.7255	34.2752	NC
8002	-1	-77.6696	34.3257	NC	8074	-1.8	-77.6958	34.3025	NC	8146	-0.3	-77.7259	34.2749	NC
8003	-1.4	-77.67	34.3254	NC	8075	-1.7	-77.6961	34.3021	NC	8147	-0.3	-77.7263	34.2745	NC
8004	-1.6	-77.6704	34.3251	NC	8076	-1.6	-77.6964	34.3018	NC	8148	-0.4	-77.7267	34.2742	NC
8005	-1.8	-77.6707	34.3247	NC	8077	-1.6	-77.6968	34.3014	NC	8149	-0.3	-77.727	34.2739	NC
8006	-1.8	-77.6711	34.3244	NC	8078	-1.6	-77.6971	34.301	NC	8150	-0.3	-77.7274	34.2735	NC
8007	-1.9	-77.6715	34.3241	NC	8079	-1.6	-77.6974	34.3007	NC	8151	-0.3	-77.7278	34.2732	NC
8008	-2	-77.6719	34.3237	NC	8080	-1.6	-77.6978	34.3003	NC	8152	-0.4	-77.7282	34.2728	NC
8009	-2.1	-77.6723	34.3234	NC	8081	-1.6	-77.6981	34.2999	NC	8153	-0.4	-77.7285	34.2725	NC
8010	-2.5	-77.6726	34.323	NC	8082	-1.5	-77.6985	34.2995	NC	8154	-0.5	-77.7289	34.2722	NC
8011	-3.1	-77.673	34.3227	NC	8083	-1.4	-77.6988	34.2992	NC	8155	-0.4	-77.7293	34.2718	NC
8012	2	-77.6734	34.3224	NC	8084	-1.3	-77.6991	34.2988	NC	8156	-0.4	-77.7297	34.2715	NC
8013	1.3	-77.6738	34.322	NC	8085	-1.3	-77.6995	34.2984	NC	8157	-0.4	-77.73	34.2711	NC
8014	1	-77.6742	34.3217	NC	8086	-1.1	-77.6998	34.2981	NC	8158	-0.4	-77.7304	34.2708	NC
8015	-3.3	-77.6745	34.3214	NC	8087	-1	-77.7002	34.2977	NC	8159	-0.4	-77.7308	34.2704	NC
8016	-2.7	-77.6749	34.321	NC	8088	-0.9	-77.7005	34.2973	NC	8160	-0.4	-77.7312	34.2701	NC
8017	-2	-77.6753	34.3207	NC	8089	-0.7	-77.7008	34.297	NC	8161	-0.5	-77.7315	34.2698	NC
8018	-4.1	-77.6757	34.3203	NC	8090	-0.4	-77.7012	34.2966	NC	8162	-0.6	-77.7319	34.2694	NC
8019	-3	-77.6761	34.32	NC	8091	-0.1	-77.7015	34.2962	NC	8163	-0.5	-77.7323	34.2691	NC
8020	-2.5	-77.6764	34.3197	NC	8092	0.2	-77.7018	34.2959	NC	8164	-0.5	-77.7327	34.2687	NC
8021	-2.3	-77.6768	34.3193	NC	8093	0.4	-77.7022	34.2955	NC	8165	-0.5	-77.733	34.2684	NC
8022	-2.2	-77.6772	34.319	NC	8094	0.8	-77.7025	34.2951	NC	8166	-0.4	-77.7334	34.2681	NC
8023	-2	-77.6776	34.3187	NC	8095	1.4	-77.7029	34.2948	NC	8167	-0.5	-77.7338	34.2677	NC
8024	-2	-77.678	34.3183	NC	8096	7	-77.7032	34.2944	NC	8168	-0.5	-77.7342	34.2674	NC
8025	-2	-77.6783	34.318	NC	8097	7.3	-77.7035	34.294	NC	8169	-0.5	-77.7346	34.267	NC
8026	-2	-77.6787	34.3177	NC	8098	-9.1	-77.7039	34.2937	NC	8170	-0.5	-77.7349	34.2667	NC
8027	-2.1	-77.6791	34.3173	NC	8099	-12.4	-77.7042	34.2933	NC	8171	-0.5	-77.7353	34.2664	NC
8028	-2.1	-77.6795	34.317	NC	8100	-12.4	-77.7045	34.2929	NC	8172	-0.5	-77.7357	34.266	NC
8029	-2.1	-77.6799	34.3166	NC	8101	-16.3	-77.7049	34.2926	NC	8173	-0.6	-77.7361	34.2657	NC
8030	-2.1	-77.6803	34.3163	NC	8102	-41.5	-77.7052	34.2922	NC	8174	-0.7	-77.7364	34.2653	NC
8031	-2	-77.6806	34.316	NC	8103	NA	-77.7056	34.2918	NC	8175	-0.6	-77.7368	34.265	NC
8032	-2.1	-77.681	34.3156	NC	8104	-15.5	-77.7089	34.2882	NC	8176	-0.6	-77.7372	34.2647	NC
8033	-2.2	-77.6814	34.3153	NC	8105	-10.1	-77.7093	34.2878	NC	8177	-0.6	-77.7376	34.2643	NC
8034	-2	-77.6818	34.315	NC	8106	-4.6	-77.7096	34.2874	NC	8178	-0.6	-77.7379	34.264	NC
8035	-1.9	-77.6822	34.3146	NC	8107	-3.7	-77.71	34.287	NC	8179	-0.6	-77.7383	34.2636	NC
8036	-1.9	-77.6825	34.3143	NC	8108	-2.9	-77.7103	34.2867	NC	8180	-0.6	-77.7387	34.2633	NC
8037	-1.9	-77.6829	34.314	NC	8109	-5.1	-77.7106	34.2863	NC	8181	-0.6	-77.7391	34.2629	NC
8038	-1.8	-77.6833	34.3136	NC	8110	-4.2	-77.711	34.2859	NC	8182	-0.6	-77.7394	34.2626	NC
8039	-1.8	-77.6837	34.3133	NC	8111	-3.5	-77.7113	34.2856	NC	8183	-0.5	-77.7398	34.2623	NC
8040	-1.8	-77.6841	34.3129	NC	8112	-2.8	-77.7116	34.2852	NC	8184	-0.5	-77.7402	34.2619	NC
8041	-1.8	-77.6844	34.3126	NC	8113	-2.3	-77.712	34.2848	NC	8185	-0.4	-77.7406	34.2616	NC
8042	-1.9	-77.6848	34.3123	NC	8114	-1.8	-77.7123	34.2845	NC	8186	-0.4	-77.7409	34.2612	NC
8043	-1.9	-77.6852	34.3119	NC	8115	-1.3	-77.7127	34.2841	NC	8187	-0.3	-77.7413	34.2609	NC
8044	-1.9	-77.6856	34.3116	NC	8116	-0.8	-77.713	34.2837	NC	8188	1.1	-77.7417	34.2608	NC
8045	-1.9	-77.686	34.3113	NC	8117	-0.7	-77.7133	34.2834	NC	8189	-0.3	-77.7417	34.2606	NC
8046	-1.8	-77.6863	34.3109	NC	8118	-0.6	-77.7137	34.283	NC	8190	0.9	-77.742	34.2604	NC
8047	-1.8	-77.6867	34.3106	NC	8119	-0.5	-77.714	34.2826	NC	8191	-0.3	-77.7421	34.2602	NC
8048	-1.9	-77.6871	34.3102	NC	8120	-0.6	-77.7143	34.2823	NC	8192	0.6	-77.7424	34.26	NC
8049	-1.9	-77.6875	34.3099	NC	8121	0.2	-77.718	34.282	NC	8193	-0.4	-77.7424	34.2599	NC
8050	-1.9	-77.6879	34.3096	NC	8122	-0.5	-77.7147	34.2819	NC	8194	0.5	-77.7427	34.2597	NC
8051	-1.9	-77.6882	34.3092	NC	8123	0.3	-77.7184	34.2817	NC	8195	0.5	-77.743	34.2593	NC
8052	-1.8	-77.6886	34.3089	NC	8124	-0.6	-77.715	34.2815	NC	8196	0.5	-77.7433	34.2589	NC
8053	-1.8	-77.689	34.3086	NC	8125	0.3	-77.7188	34.2814	NC	8197	0.4	-77.7437	34.2585	NC
8054	-1.8	-77.6894	34.3082	NC	8126	-0.6	-77.7154	34.2812	NC	8198	0.3	-77.744	34.2582	NC
8055	-1.7	-77.6898	34.3079	NC	8127	0.4	-77.7191	34.281	NC	8199	0.3	-77.7443	34.2578	NC
8056	-1.6	-77.6901	34.3076	NC	8128	-0.6	-77.7157	34.2808	NC	8200	0.2	-77.7446	34.2574	NC
8057	-1.6	-77.6905	34.3072	NC	8129	0.4	-77.7195	34.2807	NC	8201	0.1	-77.745	34.257	NC
8058	-1.6	-77.6917	34.3069	NC	8130	0.3	-77.7199	34.2803	NC	8202	0	-77.7453	34.2567	NC
8059	-1.6	-77.6909	34.3069	NC	8131	0.4	-77.7203	34.28	NC	8203	0	-77.7456	34.2563	NC
8060	-1.6	-77.692	34.3065	NC	8132	0.3	-77.7206	34.2797	NC	8204	0	-77.7459	34.2559	NC
8061	-1.6	-77.6913	34.3065	NC	8133	0.4	-77.721	34.2793	NC	8205	-0.1	-77.7463	34.2555	NC
8062	-1.8	-77.6924	34.3062	NC	8134	0.3	-77.7214	34.279	NC	8206	-0.2	-77.7466	34.2552	NC
8063	-1.7	-77.6917	34.3062	NC	8135	0.2	-77.7218	34.2786	NC	8207	-0.1	-77.7469	34.2548	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
8208	-0.1	-77.7473	34.2544	NC	8280	-0.1	-77.769	34.2284	NC	8352	1.1	-77.7896	34.1991	NC
8209	0	-77.7476	34.254	NC	8281	-0.2	-77.7692	34.228	NC	8353	1	-77.7899	34.1987	NC
8210	0.1	-77.7479	34.2537	NC	8282	-0.3	-77.7695	34.2276	NC	8354	1	-77.7902	34.1983	NC
8211	0.1	-77.7482	34.2533	NC	8283	-0.2	-77.7698	34.2271	NC	8355	1	-77.7905	34.1979	NC
8212	0.2	-77.7486	34.2529	NC	8284	-0.1	-77.77	34.2267	NC	8356	1	-77.7907	34.1976	NC
8213	0.1	-77.7489	34.2525	NC	8285	-0.1	-77.7703	34.2263	NC	8357	1	-77.791	34.1972	NC
8214	0.1	-77.7492	34.2522	NC	8286	-0.1	-77.7706	34.2259	NC	8358	1	-77.7913	34.1968	NC
8215	-0.1	-77.7495	34.2518	NC	8287	-0.1	-77.7708	34.2255	NC	8359	1	-77.7916	34.1964	NC
8216	-0.2	-77.7499	34.2514	NC	8288	-0.2	-77.7711	34.2251	NC	8360	1	-77.7919	34.196	NC
8217	-0.1	-77.7502	34.251	NC	8289	-0.3	-77.7714	34.2247	NC	8361	1	-77.7922	34.1956	NC
8218	0	-77.7505	34.2506	NC	8290	-0.4	-77.7716	34.2243	NC	8362	1.1	-77.7925	34.1952	NC
8219	-0.1	-77.7508	34.2503	NC	8291	-0.4	-77.7719	34.2239	NC	8363	1.2	-77.7928	34.1948	NC
8220	-0.2	-77.7512	34.2499	NC	8292	-0.5	-77.7722	34.2235	NC	8364	1.3	-77.7931	34.1944	NC
8221	-0.2	-77.7515	34.2495	NC	8293	-0.7	-77.7724	34.2231	NC	8365	1.4	-77.7934	34.194	NC
8222	-0.2	-77.7518	34.2491	NC	8294	-0.8	-77.7727	34.2227	NC	8366	1.7	-77.7937	34.1936	NC
8223	-0.1	-77.7522	34.2488	NC	8295	-0.8	-77.773	34.2223	NC	8367	1.7	-77.794	34.1932	NC
8224	0	-77.7525	34.2484	NC	8296	-0.8	-77.7732	34.2219	NC	8368	1.8	-77.7943	34.1928	NC
8225	0.3	-77.7528	34.248	NC	8297	-0.7	-77.7735	34.2214	NC	8369	1.7	-77.7946	34.1924	NC
8226	0.7	-77.7531	34.2476	NC	8298	-0.7	-77.7737	34.221	NC	8370	1.7	-77.7949	34.192	NC
8227	-0.8	-77.7535	34.2473	NC	8299	-0.5	-77.774	34.2206	NC	8371	1.6	-77.7952	34.1916	NC
8228	-0.4	-77.7538	34.2469	NC	8300	-0.3	-77.7743	34.2202	NC	8372	1.5	-77.7955	34.1912	NC
8229	-0.4	-77.7541	34.2465	NC	8301	0	-77.7745	34.2198	NC	8373	1.5	-77.7958	34.1908	NC
8230	-0.5	-77.7544	34.2461	NC	8302	0.5	-77.7748	34.2194	NC	8374	1.5	-77.796	34.1905	NC
8231	-0.3	-77.7548	34.2458	NC	8303	-4	-77.7751	34.219	NC	8375	1.5	-77.7963	34.1901	NC
8232	0.1	-77.7551	34.2454	NC	8304	-4	-77.7753	34.2186	NC	8376	1.5	-77.7966	34.1897	NC
8233	0.3	-77.7554	34.245	NC	8305	-5.4	-77.7756	34.2182	NC	8377	1.5	-77.7969	34.1893	NC
8234	0.3	-77.7558	34.2446	NC	8306	-4.2	-77.7759	34.2178	NC	8378	1.6	-77.7972	34.1889	NC
8235	0	-77.7561	34.2443	NC	8307	-2.8	-77.7761	34.2174	NC	8379	1.6	-77.7975	34.1885	NC
8236	-0.3	-77.7564	34.2439	NC	8308	2.1	-77.7764	34.217	NC	8380	1.7	-77.7978	34.1881	NC
8237	-0.5	-77.7567	34.2435	NC	8309	1.2	-77.7767	34.2166	NC	8381	1.7	-77.7981	34.1877	NC
8238	-0.7	-77.7571	34.2431	NC	8310	0.4	-77.7769	34.2162	NC	8382	1.8	-77.7984	34.1873	NC
8239	-0.5	-77.7574	34.2427	NC	8311	0.1	-77.7772	34.2157	NC	8383	1.9	-77.7987	34.1869	NC
8240	-0.5	-77.7577	34.2424	NC	8312	-0.1	-77.7775	34.2153	NC	8384	2	-77.799	34.1865	NC
8241	-0.4	-77.758	34.242	NC	8313	-0.2	-77.7777	34.2149	NC	8385	1.9	-77.7993	34.1861	NC
8242	-0.5	-77.7584	34.2416	NC	8314	-0.3	-77.778	34.2145	NC	8386	1.8	-77.7996	34.1857	NC
8243	-0.2	-77.7587	34.2412	NC	8315	-0.1	-77.7783	34.2141	NC	8387	1.9	-77.7999	34.1853	NC
8244	0	-77.759	34.2409	NC	8316	1.7	-77.7785	34.2137	NC	8388	2	-77.8002	34.1849	NC
8245	-0.1	-77.7593	34.2405	NC	8317	1.4	-77.7788	34.2133	NC	8389	2.1	-77.8005	34.1845	NC
8246	0	-77.7597	34.2401	NC	8318	1	-77.7791	34.2129	NC	8390	2.3	-77.8008	34.1841	NC
8247	0	-77.76	34.2397	NC	8319	0.9	-77.7793	34.2125	NC	8391	2.4	-77.8011	34.1837	NC
8248	-0.1	-77.7603	34.2394	NC	8320	0.9	-77.7796	34.2121	NC	8392	2.5	-77.8013	34.1834	NC
8249	-0.4	-77.7607	34.239	NC	8321	1	-77.7799	34.2117	NC	8393	2.6	-77.8016	34.183	NC
8250	-2	-77.761	34.2386	NC	8322	1	-77.7801	34.2113	NC	8394	2.8	-77.8019	34.1826	NC
8251	-5.5	-77.7613	34.2382	NC	8323	1.1	-77.7804	34.2109	NC	8395	2.7	-77.8022	34.1822	NC
8252	-3.1	-77.7616	34.2379	NC	8324	1.1	-77.7807	34.2105	NC	8396	2.3	-77.8025	34.1818	NC
8253	-1.6	-77.762	34.2375	NC	8325	1.1	-77.7809	34.21	NC	8397	6.2	-77.8047	34.1775	NC
8254	-0.7	-77.7623	34.2371	NC	8326	1.5	-77.7812	34.2096	NC	8398	6.8	-77.805	34.1772	NC
8255	NA	-77.7626	34.2367	NC	8327	1.4	-77.7815	34.2092	NC	8399	6.9	-77.8053	34.1768	NC
8256	NA	-77.7629	34.2364	NC	8328	1.5	-77.7817	34.2088	NC	8400	3.4	-77.8056	34.1764	NC
8257	-0.7	-77.7639	34.2361	NC	8329	1.5	-77.7828	34.2082	NC	8401	-0.3	-77.806	34.176	NC
8258	-7.7	-77.7633	34.236	NC	8330	1.5	-77.7831	34.2078	NC	8402	-1.1	-77.8063	34.1757	NC
8259	-0.3	-77.7642	34.2357	NC	8331	1.5	-77.7834	34.2074	NC	8403	-1.8	-77.8066	34.1753	NC
8260	-5.7	-77.7636	34.2356	NC	8332	1.5	-77.7837	34.207	NC	8404	-2.2	-77.807	34.1749	NC
8261	-0.1	-77.7644	34.2353	NC	8333	1.5	-77.784	34.2066	NC	8405	-2.5	-77.8073	34.1745	NC
8262	-4	-77.7639	34.2352	NC	8334	1.5	-77.7843	34.2062	NC	8406	-2.9	-77.8076	34.1742	NC
8263	0	-77.7647	34.2349	NC	8335	1.5	-77.7846	34.2058	NC	8407	-3.3	-77.8079	34.1738	NC
8264	-1.1	-77.7642	34.2349	NC	8336	1.5	-77.7849	34.2054	NC	8408	-3.6	-77.8083	34.1734	NC
8265	0.2	-77.765	34.2345	NC	8337	1.6	-77.7852	34.205	NC	8409	-3.8	-77.8086	34.173	NC
8266	0.4	-77.7652	34.2341	NC	8338	1.6	-77.7854	34.2047	NC	8410	-3.8	-77.8089	34.1727	NC
8267	0.3	-77.7655	34.2337	NC	8339	1.6	-77.7857	34.2043	NC	8411	-3.8	-77.8092	34.1723	NC
8268	0.2	-77.7658	34.2333	NC	8340	1.6	-77.786	34.2039	NC	8412	-3.7	-77.8096	34.1719	NC
8269	0.1	-77.766	34.2328	NC	8341	1.6	-77.7863	34.2035	NC	8413	-3.7	-77.8099	34.1715	NC
8270	-0.1	-77.7663	34.2324	NC	8342	1.6	-77.7866	34.2031	NC	8414	-3.4	-77.8102	34.1712	NC
8271	-0.2	-77.7666	34.232	NC	8343	1.6	-77.7869	34.2027	NC	8415	-3.2	-77.8106	34.1708	NC
8272	-0.2	-77.7668	34.2316	NC	8344	1.7	-77.7872	34.2023	NC	8416	-3	-77.8109	34.1704	NC
8273	-0.2	-77.7671	34.2312	NC	8345	1.5	-77.7875	34.2019	NC	8417	-2.7	-77.8112	34.17	NC
8274	-0.2	-77.7674	34.2308	NC	8346	1.5	-77.7878	34.2015	NC	8418	-2.7	-77.8115	34.1697	NC
8275	-0.1	-77.7676	34.2304	NC	8347	1.1	-77.7881	34.2011	NC	8419	-2.4	-77.8119	34.1693	NC
8276	0	-77.7679	34.23	NC	8348	1	-77.7884	34.2007	NC	8420	-2.2	-77.8122	34.1689	NC
8277	-0.2	-77.7682	34.2296	NC	8349	1	-77.7887	34.2003	NC	8421	-2	-77.8125	34.1685	NC
8278	-0.1	-77.7684	34.2292	NC	8350	0.9	-77.789	34.1999	NC	8422	-1.6	-77.8129	34.1682	NC
8279	-0.2	-77.7687	34.2288	NC	8351	1	-77.7893	34.1995	NC	8423	-1.5	-77.8132	34.1678	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
8424	-1.3	-77.8135	34.1674	NC	8496	-2.1	-77.831	34.1407	NC	8568	-1.8	-77.8464	34.1107	NC
8425	-1.2	-77.8138	34.167	NC	8497	-2.1	-77.8312	34.1403	NC	8569	-1.8	-77.8466	34.1102	NC
8426	-1.3	-77.8142	34.1667	NC	8498	-2.1	-77.8314	34.1398	NC	8570	-1.8	-77.8468	34.1098	NC
8427	-1.4	-77.8145	34.1663	NC	8499	-2.2	-77.8317	34.1394	NC	8571	-1.9	-77.847	34.1094	NC
8428	-1.5	-77.8148	34.1659	NC	8500	-2.3	-77.8319	34.139	NC	8572	-1.8	-77.8472	34.1089	NC
8429	-1.6	-77.8152	34.1655	NC	8501	-2.3	-77.8321	34.1386	NC	8573	-1.7	-77.8475	34.1085	NC
8430	-1.7	-77.8155	34.1652	NC	8502	-2.3	-77.8323	34.1381	NC	8574	-1.7	-77.8477	34.1081	NC
8431	-1.7	-77.8158	34.1648	NC	8503	-2.3	-77.8326	34.1377	NC	8575	-1.8	-77.8479	34.1077	NC
8432	-1.7	-77.8161	34.1644	NC	8504	-2.2	-77.8328	34.1373	NC	8576	-1.8	-77.8481	34.1072	NC
8433	-1.6	-77.8165	34.164	NC	8505	-2.2	-77.833	34.1369	NC	8577	-1.8	-77.8483	34.1068	NC
8434	-1.7	-77.8168	34.1637	NC	8506	-2.1	-77.8332	34.1364	NC	8578	-1.8	-77.8485	34.1064	NC
8435	-1.9	-77.8171	34.1633	NC	8507	-2.1	-77.8334	34.136	NC	8579	-1.8	-77.8488	34.106	NC
8436	-1.9	-77.8175	34.1629	NC	8508	-2.1	-77.8337	34.1356	NC	8580	-1.8	-77.849	34.1055	NC
8437	-1.7	-77.8178	34.1625	NC	8509	-2.1	-77.8339	34.1352	NC	8581	-1.7	-77.8492	34.1051	NC
8438	-1.5	-77.8181	34.1622	NC	8510	-2.1	-77.8341	34.1347	NC	8582	-1.7	-77.8494	34.1047	NC
8439	-1.3	-77.8184	34.1618	NC	8511	-2	-77.8343	34.1343	NC	8583	-1.6	-77.8496	34.1042	NC
8440	-1.2	-77.8188	34.1614	NC	8512	-1.9	-77.8346	34.1339	NC	8584	-1.5	-77.8498	34.1038	NC
8441	-1.2	-77.8191	34.161	NC	8513	-1.8	-77.8348	34.1335	NC	8585	-1.5	-77.85	34.1034	NC
8442	-1.3	-77.8194	34.1607	NC	8514	-1.8	-77.835	34.133	NC	8586	-1.4	-77.8503	34.103	NC
8443	-1.2	-77.8197	34.1603	NC	8515	-1.7	-77.8352	34.1326	NC	8587	-1.4	-77.8505	34.1025	NC
8444	-1	-77.8201	34.1599	NC	8516	-1.7	-77.8355	34.1322	NC	8588	-1.4	-77.8507	34.1021	NC
8445	-0.9	-77.8204	34.1595	NC	8517	-1.7	-77.8357	34.1318	NC	8589	-1.5	-77.852	34.1017	NC
8446	-0.8	-77.8207	34.1592	NC	8518	-1.8	-77.8359	34.1313	NC	8590	-1.5	-77.8509	34.1017	NC
8447	-0.9	-77.8211	34.1588	NC	8519	-1.9	-77.8361	34.1309	NC	8591	-1.5	-77.8522	34.1013	NC
8448	-1	-77.8214	34.1584	NC	8520	-1.9	-77.8363	34.1305	NC	8592	-1.4	-77.8511	34.1012	NC
8449	-1	-77.8217	34.158	NC	8521	-2	-77.8366	34.1301	NC	8593	-1.6	-77.8524	34.1008	NC
8450	-1.8	-77.8221	34.1577	NC	8522	-2.1	-77.8368	34.1296	NC	8594	-1.3	-77.8513	34.1008	NC
8451	-1	-77.822	34.1577	NC	8523	-2.2	-77.8369	34.1295	NC	8595	-1.6	-77.8526	34.1004	NC
8452	-1.8	-77.8223	34.1573	NC	8524	-2.1	-77.837	34.1292	NC	8596	-1.5	-77.8528	34.1	NC
8453	-0.8	-77.8224	34.1573	NC	8525	-2.1	-77.8371	34.1291	NC	8597	-1.5	-77.853	34.0995	NC
8454	-0.8	-77.8227	34.1569	NC	8526	-1.9	-77.8373	34.1286	NC	8598	-1.6	-77.8532	34.0991	NC
8455	-1.9	-77.8225	34.1568	NC	8527	-1.9	-77.8375	34.1282	NC	8599	-1.7	-77.8534	34.0987	NC
8456	-0.9	-77.823	34.1565	NC	8528	-2	-77.8378	34.1278	NC	8600	-1.7	-77.8536	34.0983	NC
8457	-2	-77.8228	34.1564	NC	8529	-2	-77.838	34.1274	NC	8601	-1.7	-77.8538	34.0978	NC
8458	-1.4	-77.8234	34.1562	NC	8530	-2.1	-77.8382	34.1269	NC	8602	-1.6	-77.854	34.0974	NC
8459	-2	-77.823	34.156	NC	8531	-2.1	-77.8384	34.1265	NC	8603	-1.5	-77.8542	34.097	NC
8460	-1.7	-77.8237	34.1558	NC	8532	-2.1	-77.8386	34.1261	NC	8604	-1.7	-77.8544	34.0965	NC
8461	-2	-77.8232	34.1556	NC	8533	-2.1	-77.8388	34.1256	NC	8605	-1.9	-77.8546	34.0961	NC
8462	-2	-77.8234	34.1551	NC	8534	-1.9	-77.8391	34.1252	NC	8606	-2	-77.8548	34.0957	NC
8463	-2	-77.8237	34.1547	NC	8535	-1.9	-77.8393	34.1248	NC	8607	-2	-77.855	34.0952	NC
8464	-2.1	-77.8239	34.1543	NC	8536	-2	-77.8395	34.1244	NC	8608	-2.1	-77.8552	34.0948	NC
8465	-2.1	-77.8241	34.1539	NC	8537	-2	-77.8397	34.1239	NC	8609	-2.1	-77.8554	34.0944	NC
8466	-2.1	-77.8243	34.1534	NC	8538	-2.1	-77.8399	34.1235	NC	8610	-2.1	-77.8556	34.0939	NC
8467	-2.1	-77.8245	34.153	NC	8539	-2.1	-77.8401	34.1231	NC	8611	-2.1	-77.8558	34.0935	NC
8468	-2.1	-77.8248	34.1526	NC	8540	-2	-77.8403	34.1226	NC	8612	-2.1	-77.856	34.0931	NC
8469	-2.1	-77.825	34.1522	NC	8541	-2	-77.8406	34.1222	NC	8613	-2.2	-77.8562	34.0926	NC
8470	-2.1	-77.8252	34.1517	NC	8542	-2	-77.8408	34.1218	NC	8614	-2.2	-77.8564	34.0922	NC
8471	-2	-77.8254	34.1513	NC	8543	-2	-77.841	34.1214	NC	8615	-2.1	-77.8566	34.0918	NC
8472	-2.1	-77.8257	34.1509	NC	8544	-2	-77.8412	34.1209	NC	8616	-2.2	-77.8568	34.0914	NC
8473	-2.2	-77.8259	34.1505	NC	8545	-1.9	-77.8414	34.1205	NC	8617	-2.2	-77.857	34.0909	NC
8474	-2.3	-77.8261	34.15	NC	8546	-2	-77.8416	34.1201	NC	8618	-2.3	-77.8572	34.0905	NC
8475	-2.3	-77.8263	34.1496	NC	8547	-2	-77.8419	34.1197	NC	8619	-2.3	-77.8574	34.0901	NC
8476	-2.3	-77.8266	34.1492	NC	8548	-1.9	-77.8421	34.1192	NC	8620	-2.3	-77.8576	34.0896	NC
8477	-2.3	-77.8268	34.1488	NC	8549	-1.9	-77.8423	34.1188	NC	8621	-2.2	-77.8578	34.0892	NC
8478	-2.3	-77.827	34.1483	NC	8550	-1.8	-77.8425	34.1184	NC	8622	-2.3	-77.858	34.0888	NC
8479	-2.4	-77.8272	34.1479	NC	8551	-1.8	-77.8427	34.1179	NC	8623	-2.4	-77.8582	34.0883	NC
8480	-2.2	-77.8274	34.1475	NC	8552	-1.8	-77.8429	34.1175	NC	8624	-2.4	-77.8584	34.0879	NC
8481	-2.2	-77.8277	34.1471	NC	8553	-1.8	-77.8431	34.1171	NC	8625	-2.4	-77.8586	34.0875	NC
8482	-2	-77.8279	34.1466	NC	8554	-1.9	-77.8434	34.1167	NC	8626	-2.4	-77.8588	34.087	NC
8483	-2	-77.8281	34.1462	NC	8555	-1.9	-77.8436	34.1162	NC	8627	-2.3	-77.859	34.0866	NC
8484	-1.9	-77.8283	34.1458	NC	8556	-1.8	-77.8438	34.1158	NC	8628	-2.3	-77.8592	34.0862	NC
8485	-1.8	-77.8286	34.1454	NC	8557	-1.7	-77.844	34.1154	NC	8629	-2.2	-77.8594	34.0858	NC
8486	-1.8	-77.8288	34.1449	NC	8558	-1.8	-77.8442	34.1149	NC	8630	-2.4	-77.8596	34.0853	NC
8487	-1.9	-77.829	34.1445	NC	8559	-1.7	-77.8444	34.1145	NC	8631	-2.2	-77.8598	34.0849	NC
8488	-1.9	-77.8292	34.1441	NC	8560	-1.7	-77.8447	34.1141	NC	8632	-2.2	-77.86	34.0845	NC
8489	-1.9	-77.8294	34.1437	NC	8561	-1.8	-77.8449	34.1137	NC	8633	-2.1	-77.8602	34.084	NC
8490	-2	-77.8297	34.1432	NC	8562	-1.8	-77.8451	34.1132	NC	8634	-2.1	-77.8604	34.0836	NC
8491	-2.1	-77.8299	34.1428	NC	8563	-1.8	-77.8453	34.1128	NC	8635	-2	-77.8606	34.0832	NC
8492	-2.1	-77.8301	34.1424	NC	8564	-1.8	-77.8455	34.1124	NC	8636	-2.1	-77.8608	34.0827	NC
8493	-2.1	-77.8303	34.142	NC	8565	-1.9	-77.8457	34.1119	NC	8637	-2	-77.861	34.0823	NC
8494	-2.1	-77.8306	34.1415	NC	8566	-1.8	-77.846	34.1115	NC	8638	-2.1	-77.8612	34.0819	NC
8495	-2.1	-77.8308	34.1411	NC	8567	-1.8	-77.8462	34.1111	NC	8639	-2.1	-77.8614	34.0814	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
8640	-2.2	-77.8616	34.081	NC	8712	0.4	-77.8767	34.0507	NC	8784	0.8	-77.8892	34.0199	NC
8641	-2.1	-77.8618	34.0806	NC	8713	0.5	-77.8769	34.0502	NC	8785	0.8	-77.8894	34.0195	NC
8642	-2.1	-77.862	34.0802	NC	8714	0.6	-77.8771	34.0498	NC	8786	0.8	-77.8896	34.019	NC
8643	-2.3	-77.8622	34.0797	NC	8715	0.7	-77.8772	34.0494	NC	8787	0.7	-77.8897	34.0186	NC
8644	-2.5	-77.8624	34.0793	NC	8716	0.8	-77.8774	34.0489	NC	8788	0.6	-77.8899	34.0182	NC
8645	-2.7	-77.8626	34.0789	NC	8717	0.8	-77.8776	34.0485	NC	8789	0.6	-77.8901	34.0177	NC
8646	-3.2	-77.8628	34.0784	NC	8718	0.8	-77.8777	34.048	NC	8790	0.6	-77.8903	34.0173	NC
8647	-3.7	-77.863	34.078	NC	8719	0.9	-77.8779	34.0476	NC	8791	0.6	-77.8904	34.0169	NC
8648	-4	-77.8632	34.0776	NC	8720	0.9	-77.8781	34.0471	NC	8792	0.5	-77.8906	34.0164	NC
8649	-4.4	-77.8634	34.0771	NC	8721	1	-77.8782	34.0467	NC	8793	0.5	-77.8908	34.016	NC
8650	-4.8	-77.8636	34.0767	NC	8722	1	-77.8784	34.0463	NC	8794	0.5	-77.891	34.0156	NC
8651	-13.3	-77.8638	34.0763	NC	8723	1.1	-77.8786	34.0458	NC	8795	0.4	-77.8911	34.0151	NC
8652	-15.1	-77.864	34.0758	NC	8724	1.2	-77.8787	34.0454	NC	8796	0.3	-77.8913	34.0147	NC
8653	-16.9	-77.8642	34.0754	NC	8725	1.2	-77.8789	34.0449	NC	8797	0.3	-77.8915	34.0142	NC
8654	-19.8	-77.8644	34.075	NC	8726	1.2	-77.8791	34.0445	NC	8798	-0.3	-77.8922	34.0141	NC
8655	-22.7	-77.8646	34.0745	NC	8727	1.2	-77.8792	34.0441	NC	8799	0.3	-77.8917	34.0138	NC
8656	-8.7	-77.8648	34.0741	NC	8728	1.3	-77.8794	34.0436	NC	8800	-0.4	-77.8924	34.0137	NC
8657	-7.7	-77.865	34.0737	NC	8729	0.2	-77.8797	34.0435	NC	8801	0.2	-77.8918	34.0134	NC
8658	-3.8	-77.868	34.0736	NC	8730	1.2	-77.8796	34.0432	NC	8802	-0.5	-77.8925	34.0132	NC
8659	-6.6	-77.8652	34.0733	NC	8731	0.2	-77.8799	34.0431	NC	8803	-0.5	-77.8927	34.0128	NC
8660	-3.7	-77.8682	34.0732	NC	8732	0.2	-77.8801	34.0426	NC	8804	-0.6	-77.8928	34.0123	NC
8661	-5.8	-77.8654	34.0728	NC	8733	0.3	-77.8802	34.0422	NC	8805	-0.6	-77.893	34.0119	NC
8662	-3.6	-77.8683	34.0727	NC	8734	0.3	-77.8804	34.0418	NC	8806	-0.6	-77.8931	34.0114	NC
8663	-3.1	-77.8685	34.0723	NC	8735	0.2	-77.8806	34.0413	NC	8807	-0.8	-77.8933	34.011	NC
8664	-3	-77.8687	34.0718	NC	8736	0.2	-77.8808	34.0409	NC	8808	-0.7	-77.8935	34.0106	NC
8665	-3	-77.8688	34.0714	NC	8737	0.3	-77.8809	34.0404	NC	8809	-0.7	-77.8936	34.0101	NC
8666	-2.7	-77.869	34.071	NC	8738	0.3	-77.8811	34.04	NC	8810	-0.8	-77.8938	34.0097	NC
8667	-2.6	-77.8692	34.0705	NC	8739	0.4	-77.8813	34.0396	NC	8811	-0.8	-77.8939	34.0092	NC
8668	-2.6	-77.8693	34.0701	NC	8740	0.4	-77.8815	34.0391	NC	8812	-0.8	-77.8941	34.0088	NC
8669	-2.6	-77.8695	34.0696	NC	8741	0.5	-77.8816	34.0387	NC	8813	-0.8	-77.8943	34.0083	NC
8670	-2.6	-77.8697	34.0692	NC	8742	0.5	-77.8818	34.0383	NC	8814	-0.8	-77.8944	34.0079	NC
8671	-2.6	-77.8698	34.0688	NC	8743	0.6	-77.882	34.0378	NC	8815	-0.9	-77.8946	34.0074	NC
8672	-2.6	-77.87	34.0683	NC	8744	0.7	-77.8822	34.0374	NC	8816	-0.8	-77.8947	34.007	NC
8673	-2.7	-77.8702	34.0679	NC	8745	0.7	-77.8823	34.037	NC	8817	-0.7	-77.8949	34.0066	NC
8674	-2.8	-77.8703	34.0674	NC	8746	0.7	-77.8825	34.0365	NC	8818	-0.7	-77.895	34.0061	NC
8675	-2.9	-77.8705	34.067	NC	8747	0.7	-77.8827	34.0361	NC	8819	-0.7	-77.8952	34.0057	NC
8676	-2.9	-77.8707	34.0665	NC	8748	0.8	-77.8829	34.0356	NC	8820	-0.6	-77.8954	34.0052	NC
8677	-3	-77.8708	34.0661	NC	8749	0.9	-77.883	34.0352	NC	8821	-0.6	-77.8955	34.0048	NC
8678	-3.1	-77.871	34.0657	NC	8750	0.9	-77.8832	34.0348	NC	8822	-0.4	-77.8957	34.0043	NC
8679	-3.2	-77.8712	34.0652	NC	8751	1	-77.8834	34.0343	NC	8823	-0.4	-77.8958	34.0039	NC
8680	-3.1	-77.8714	34.0648	NC	8752	1	-77.8836	34.0339	NC	8824	-0.5	-77.896	34.0035	NC
8681	-3.1	-77.8715	34.0643	NC	8753	1.1	-77.8837	34.0335	NC	8825	-0.6	-77.8961	34.003	NC
8682	-3.1	-77.8717	34.0639	NC	8754	1	-77.8839	34.033	NC	8826	-0.3	-77.8963	34.0026	NC
8683	-3.2	-77.8719	34.0635	NC	8755	1	-77.8841	34.0326	NC	8827	-0.2	-77.8965	34.0021	NC
8684	-3.3	-77.872	34.063	NC	8756	1	-77.8843	34.0321	NC	8828	-0.2	-77.8966	34.0017	NC
8685	-3.2	-77.8722	34.0626	NC	8757	1	-77.8845	34.0317	NC	8829	-0.2	-77.8968	34.0012	NC
8686	-3.2	-77.8724	34.0621	NC	8758	1	-77.8846	34.0313	NC	8830	-0.2	-77.8969	34.0008	NC
8687	-3.1	-77.8725	34.0617	NC	8759	1	-77.8848	34.0308	NC	8831	-0.3	-77.8971	34.0003	NC
8688	-3.1	-77.8727	34.0613	NC	8760	1.1	-77.885	34.0304	NC	8832	-0.3	-77.8972	33.9999	NC
8689	-3.1	-77.8729	34.0608	NC	8761	1.1	-77.8852	34.03	NC	8833	-0.3	-77.8974	33.9995	NC
8690	-2.9	-77.873	34.0604	NC	8762	1.2	-77.8853	34.0295	NC	8834	-0.3	-77.8976	33.999	NC
8691	-2.8	-77.8732	34.0599	NC	8763	1.3	-77.8855	34.0291	NC	8835	-0.2	-77.8977	33.9986	NC
8692	-2.7	-77.8734	34.0595	NC	8764	1.3	-77.8857	34.0287	NC	8836	-0.3	-77.8979	33.9981	NC
8693	-2.7	-77.8735	34.0591	NC	8765	1.4	-77.8859	34.0282	NC	8837	-0.4	-77.898	33.9977	NC
8694	-2.5	-77.8737	34.0586	NC	8766	1.4	-77.886	34.0278	NC	8838	-0.3	-77.8982	33.9972	NC
8695	-2.5	-77.8739	34.0582	NC	8767	1.5	-77.8862	34.0273	NC	8839	-0.3	-77.8984	33.9968	NC
8696	-2.3	-77.874	34.0577	NC	8768	1.4	-77.8864	34.0269	NC	8840	-0.3	-77.8985	33.9964	NC
8697	-2.1	-77.8742	34.0573	NC	8769	1.3	-77.8866	34.0265	NC	8841	-0.5	-77.8987	33.9959	NC
8698	-2	-77.8744	34.0568	NC	8770	1.3	-77.8867	34.026	NC	8842	-0.5	-77.8988	33.9955	NC
8699	-1.9	-77.8745	34.0564	NC	8771	1.3	-77.8869	34.0256	NC	8843	-0.5	-77.899	33.995	NC
8700	-1.6	-77.8747	34.056	NC	8772	1.2	-77.8871	34.0252	NC	8844	-0.5	-77.8991	33.9946	NC
8701	-1.3	-77.8749	34.0555	NC	8773	1.2	-77.8873	34.0247	NC	8845	-0.6	-77.8993	33.9941	NC
8702	-1	-77.875	34.0551	NC	8774	1.1	-77.8874	34.0243	NC	8846	-0.6	-77.8995	33.9937	NC
8703	-0.7	-77.8752	34.0546	NC	8775	1.1	-77.8876	34.0239	NC	8847	-0.6	-77.8996	33.9932	NC
8704	-0.6	-77.8754	34.0542	NC	8776	1.1	-77.8878	34.0234	NC	8848	-0.6	-77.8998	33.9928	NC
8705	-0.6	-77.8755	34.0538	NC	8777	1	-77.888	34.023	NC	8849	-0.6	-77.8999	33.9924	NC
8706	-0.4	-77.8757	34.0533	NC	8778	0.9	-77.8882	34.0225	NC	8850	-0.6	-77.9001	33.9919	NC
8707	-0.3	-77.8759	34.0529	NC	8779	0.8	-77.8883	34.0221	NC	8851	-0.6	-77.9002	33.9915	NC
8708	-0.2	-77.876	34.0524	NC	8780	0.7	-77.8885	34.0217	NC	8852	-0.6	-77.9004	33.991	NC
8709	0	-77.8762	34.052	NC	8781	0.7	-77.8887	34.0212	NC	8853	-0.6	-77.9006	33.9906	NC
8710	0.2	-77.8764	34.0516	NC	8782	0.7	-77.8889	34.0208	NC	8854	-0.6	-77.9007	33.9901	NC
8711	0.2	-77.8765	34.0511	NC	8783	0.8	-77.889	34.0204	NC	8855	-0.6	-77.9009	33.9897	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
8856	-0.5	-77.901	33.9893	NC	8928	-3.3	-77.9112	33.9588	NC	9000	3.1	-77.928	33.9279	NC
8857	-0.5	-77.9012	33.9888	NC	8929	-3.3	-77.9114	33.9584	NC	9001	3.3	-77.9282	33.9275	NC
8858	-0.6	-77.9013	33.9884	NC	8930	-3.3	-77.9115	33.9579	NC	9002	3.3	-77.9285	33.9271	NC
8859	-0.7	-77.9015	33.9879	NC	8931	-3.3	-77.9117	33.9575	NC	9003	3.4	-77.9287	33.9266	NC
8860	-0.6	-77.9017	33.9875	NC	8932	-3.2	-77.9118	33.957	NC	9004	3.6	-77.9289	33.9262	NC
8861	-0.5	-77.9018	33.987	NC	8933	-3.2	-77.9119	33.9566	NC	9005	3.7	-77.9291	33.9258	NC
8862	-0.6	-77.902	33.9866	NC	8934	-3.2	-77.9121	33.9561	NC	9006	3.8	-77.9294	33.9254	NC
8863	-0.7	-77.9021	33.9861	NC	8935	-3.3	-77.9122	33.9557	NC	9007	5.6	-77.9315	33.9251	NC
8864	-0.7	-77.9023	33.9857	NC	8936	-3.3	-77.9124	33.9552	NC	9008	4	-77.9296	33.9249	NC
8865	-0.6	-77.9025	33.9853	NC	8937	-3.1	-77.9125	33.9548	NC	9009	5.7	-77.9317	33.9247	NC
8866	-0.6	-77.9026	33.9848	NC	8938	-2.9	-77.9127	33.9543	NC	9010	4.2	-77.9298	33.9245	NC
8867	-0.5	-77.9028	33.9844	NC	8939	-2.7	-77.9128	33.9539	NC	9011	5.6	-77.9318	33.9242	NC
8868	-0.9	-77.9031	33.9839	NC	8940	-2.5	-77.913	33.9534	NC	9012	4.3	-77.93	33.9241	NC
8869	-0.4	-77.9029	33.9839	NC	8941	-2.4	-77.9131	33.953	NC	9013	5.6	-77.932	33.9238	NC
8870	-0.8	-77.9032	33.9835	NC	8942	-2.8	-77.9152	33.9525	NC	9014	4.6	-77.9302	33.9237	NC
8871	-0.4	-77.9031	33.9835	NC	8943	-3	-77.9154	33.9521	NC	9015	5.7	-77.9321	33.9233	NC
8872	-1	-77.9034	33.983	NC	8944	-3.1	-77.9156	33.9517	NC	9016	4.7	-77.9305	33.9232	NC
8873	-0.5	-77.9032	33.983	NC	8945	-3.4	-77.9159	33.9512	NC	9017	5.7	-77.9323	33.9229	NC
8874	-1.1	-77.9035	33.9826	NC	8946	-3.4	-77.9161	33.9508	NC	9018	5.6	-77.9325	33.9224	NC
8875	-0.5	-77.9034	33.9826	NC	8947	-3.4	-77.9163	33.9504	NC	9019	5.6	-77.9326	33.922	NC
8876	-1.2	-77.9037	33.9821	NC	8948	-3.3	-77.9165	33.95	NC	9020	5.6	-77.9328	33.9216	NC
8877	-1.2	-77.9038	33.9817	NC	8949	-3.2	-77.9167	33.9495	NC	9021	5.5	-77.933	33.9211	NC
8878	-1.2	-77.904	33.9812	NC	8950	-3.1	-77.917	33.9491	NC	9022	5.5	-77.9331	33.9207	NC
8879	-1.1	-77.9041	33.9808	NC	8951	-2.9	-77.9172	33.9487	NC	9023	5.4	-77.9333	33.9202	NC
8880	-1.2	-77.9043	33.9803	NC	8952	-2.7	-77.9174	33.9483	NC	9024	5.3	-77.9334	33.9198	NC
8881	-1.2	-77.9044	33.9799	NC	8953	-2.5	-77.9176	33.9478	NC	9025	5.2	-77.9336	33.9194	NC
8882	-1.3	-77.9046	33.9794	NC	8954	-2.4	-77.9179	33.9474	NC	9026	5.1	-77.9338	33.9189	NC
8883	-1.3	-77.9047	33.979	NC	8955	-2.3	-77.9181	33.947	NC	9027	5	-77.9339	33.9185	NC
8884	-1.3	-77.9048	33.9785	NC	8956	-2.1	-77.9183	33.9466	NC	9028	4.9	-77.9341	33.918	NC
8885	-1.3	-77.905	33.9781	NC	8957	-1.9	-77.9185	33.9461	NC	9029	4.9	-77.9343	33.9176	NC
8886	-1.3	-77.9051	33.9776	NC	8958	-1.8	-77.9187	33.9457	NC	9030	4.8	-77.9344	33.9171	NC
8887	-1.3	-77.9053	33.9772	NC	8959	-1.7	-77.919	33.9453	NC	9031	4.4	-77.9346	33.9167	NC
8888	-1.3	-77.9054	33.9767	NC	8960	-1.6	-77.9192	33.9449	NC	9032	3.5	-77.9347	33.9163	NC
8889	-1.3	-77.9056	33.9763	NC	8961	-1.6	-77.9194	33.9444	NC	9033	2.5	-77.9349	33.9158	NC
8890	-1.3	-77.9057	33.9758	NC	8962	-1.4	-77.9196	33.944	NC	9034	1.6	-77.9351	33.9154	NC
8891	-1.3	-77.9059	33.9754	NC	8963	-1.4	-77.9198	33.9436	NC	9035	0.8	-77.9352	33.9149	NC
8892	-1.2	-77.906	33.9749	NC	8964	-1.2	-77.9201	33.9432	NC	9036	-1.7	-77.9354	33.9145	NC
8893	-1.2	-77.9061	33.9745	NC	8965	-1	-77.9203	33.9427	NC	9037	-4.6	-77.9359	33.9132	NC
8894	-1.4	-77.9063	33.974	NC	8966	-0.9	-77.9205	33.9423	NC	9038	-4.8	-77.936	33.9127	NC
8895	-1.3	-77.9064	33.9736	NC	8967	-1	-77.9207	33.9419	NC	9039	-5.1	-77.9362	33.9123	NC
8896	-1.3	-77.9066	33.9732	NC	8968	-1	-77.9209	33.9415	NC	9040	-5.8	-77.9364	33.9118	NC
8897	-1.4	-77.9067	33.9727	NC	8969	-0.8	-77.9212	33.9411	NC	9041	-2.4	-77.9365	33.9114	NC
8898	-1.9	-77.9069	33.9723	NC	8970	-0.7	-77.9214	33.9406	NC	9042	-2.4	-77.9367	33.9109	NC
8899	-2.2	-77.907	33.9718	NC	8971	-0.7	-77.9216	33.9402	NC	9043	-1.7	-77.9368	33.9105	NC
8900	-2.3	-77.9072	33.9714	NC	8972	-0.7	-77.9218	33.9398	NC	9044	-2.5	-77.937	33.9101	NC
8901	-2.4	-77.9073	33.9709	NC	8973	-0.7	-77.9221	33.9394	NC	9045	-3.3	-77.9372	33.9096	NC
8902	-2.4	-77.9075	33.9705	NC	8974	-0.6	-77.9223	33.9389	NC	9046	-3.5	-77.9373	33.9092	NC
8903	-3	-77.9076	33.97	NC	8975	-0.5	-77.9225	33.9385	NC	9047	-3.5	-77.9375	33.9087	NC
8904	-3.2	-77.9077	33.9696	NC	8976	-0.3	-77.9227	33.9381	NC	9048	-3.5	-77.9377	33.9083	NC
8905	-3.1	-77.9079	33.9691	NC	8977	0	-77.9229	33.9377	NC	9049	-3.5	-77.9378	33.9079	NC
8906	-2.7	-77.908	33.9687	NC	8978	0.2	-77.9232	33.9372	NC	9050	-3.2	-77.938	33.9074	NC
8907	-2.4	-77.9082	33.9682	NC	8979	0.4	-77.9234	33.9368	NC	9051	-2.9	-77.9381	33.907	NC
8908	-2.3	-77.9083	33.9678	NC	8980	0.4	-77.9236	33.9364	NC	9052	-2.6	-77.9383	33.9065	NC
8909	-1.8	-77.9085	33.9673	NC	8981	0.5	-77.9238	33.936	NC	9053	-2.3	-77.9385	33.9061	NC
8910	-1.7	-77.9086	33.9669	NC	8982	0.7	-77.924	33.9355	NC	9054	-2	-77.9386	33.9056	NC
8911	-1.8	-77.9088	33.9664	NC	8983	0.9	-77.9243	33.9351	NC	9055	0	-78.1974	33.9055	NC
8912	-1.5	-77.9089	33.966	NC	8984	1.2	-77.9245	33.9347	NC	9056	0	-78.1969	33.9055	NC
8913	-1.7	-77.909	33.9655	NC	8985	1.4	-77.9247	33.9343	NC	9057	0	-78.1963	33.9055	NC
8914	-2.6	-77.9092	33.9651	NC	8986	1.6	-77.9249	33.9338	NC	9058	0	-78.1958	33.9055	NC
8915	-2.7	-77.9093	33.9646	NC	8987	1.8	-77.9252	33.9334	NC	9059	-0.1	-78.1952	33.9055	NC
8916	-2.9	-77.9095	33.9642	NC	8988	2.1	-77.9254	33.933	NC	9060	-0.1	-78.1947	33.9055	NC
8917	-2.9	-77.9096	33.9637	NC	8989	2.4	-77.9256	33.9326	NC	9061	0	-78.1941	33.9055	NC
8918	-3	-77.9098	33.9633	NC	8990	2.4	-77.9258	33.9322	NC	9062	0	-78.1936	33.9055	NC
8919	-3.1	-77.9099	33.9628	NC	8991	2.5	-77.926	33.9317	NC	9063	0	-78.193	33.9055	NC
8920	-3.2	-77.9101	33.9624	NC	8992	2.6	-77.9263	33.9313	NC	9064	0	-78.1924	33.9055	NC
8921	-3.1	-77.9102	33.962	NC	8993	2.8	-77.9265	33.9309	NC	9065	-0.1	-78.1919	33.9055	NC
8922	-3.1	-77.9104	33.9615	NC	8994	2.8	-77.9267	33.9305	NC	9066	0.2	-78.2656	33.9055	NC
8923	-3.1	-77.9105	33.9611	NC	8995	2.8	-77.9269	33.93	NC	9067	0	-78.198	33.9055	NC
8924	-3.1	-77.9106	33.9606	NC	8996	2.8	-77.9271	33.9296	NC	9068	-0.3	-78.183	33.9054	NC
8925	-3.2	-77.9108	33.9602	NC	8997	2.8	-77.9274	33.9292	NC	9069	-0.4	-78.1825	33.9054	NC
8926	-3.2	-77.9109	33.9597	NC	8998	2.9	-77.9276	33.9288	NC	9070	-0.3	-78.1819	33.9054	NC
8927	-3.3	-77.9111	33.9593	NC	8999	3	-77.9278	33.9283	NC	9071	-0.4	-78.1814	33.9054	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
9072	-0.4	-78.1808	33.9054	NC	9144	-0.6	-78.1617	33.9052	NC	9216	-5.3	-78.24	33.905	NC
9073	-0.4	-78.1803	33.9054	NC	9145	-1.6	-77.9388	33.9052	NC	9217	-5.8	-78.2395	33.905	NC
9074	-0.4	-78.1797	33.9054	NC	9146	0.1	-78.2037	33.9051	NC	9218	-3.3	-78.2389	33.905	NC
9075	-0.3	-78.1792	33.9054	NC	9147	-0.6	-78.1606	33.9051	NC	9219	-1.3	-78.2384	33.905	NC
9076	-0.3	-78.1786	33.9054	NC	9148	-0.6	-78.1601	33.9051	NC	9220	NA	-78.2362	33.905	NC
9077	-0.3	-78.1781	33.9054	NC	9149	0.6	-78.27	33.9051	NC	9221	NA	-78.2356	33.905	NC
9078	-0.4	-78.1775	33.9054	NC	9150	0.6	-78.2695	33.9051	NC	9222	-3.1	-78.2351	33.905	NC
9079	-0.3	-78.1769	33.9054	NC	9151	0	-78.2065	33.9051	NC	9223	-2.2	-78.2345	33.905	NC
9080	-0.4	-78.1764	33.9054	NC	9152	-0.1	-78.206	33.9051	NC	9224	-2.1	-78.234	33.905	NC
9081	-0.3	-78.1758	33.9054	NC	9153	-0.1	-78.2054	33.9051	NC	9225	-1.8	-78.2334	33.905	NC
9082	-0.5	-78.1753	33.9054	NC	9154	0	-78.2049	33.9051	NC	9226	-1.7	-78.2329	33.905	NC
9083	-0.3	-78.1747	33.9054	NC	9155	0.1	-78.2043	33.9051	NC	9227	-1.7	-78.2323	33.905	NC
9084	-0.3	-78.1742	33.9054	NC	9156	-1.1	-78.2301	33.905	NC	9228	-1.5	-78.2318	33.905	NC
9085	-0.4	-78.1736	33.9054	NC	9157	-1	-78.2296	33.905	NC	9229	-1.2	-78.2312	33.905	NC
9086	-0.3	-78.1731	33.9054	NC	9158	-0.9	-78.229	33.905	NC	9230	-1	-78.2307	33.905	NC
9087	-0.3	-78.1725	33.9054	NC	9159	0.6	-78.2711	33.905	NC	9231	-0.3	-78.2126	33.9049	NC
9088	-0.3	-78.172	33.9054	NC	9160	0.6	-78.2706	33.905	NC	9232	-0.2	-78.2121	33.9049	NC
9089	0.2	-78.2662	33.9054	NC	9161	-0.1	-78.266	33.905	NC	9233	-0.3	-78.2115	33.9049	NC
9090	0.2	-78.2667	33.9054	NC	9162	-0.2	-78.2654	33.905	NC	9234	-0.2	-78.2109	33.9049	NC
9091	0.2	-78.1971	33.9054	NC	9163	-0.2	-78.2649	33.905	NC	9235	-0.3	-78.2104	33.9049	NC
9092	0	-78.1913	33.9054	NC	9164	-0.3	-78.2643	33.905	NC	9236	-0.3	-78.2098	33.9049	NC
9093	0	-78.1908	33.9054	NC	9165	-0.4	-78.2638	33.905	NC	9237	-0.6	-78.1579	33.9049	NC
9094	0	-78.1902	33.9054	NC	9166	-0.5	-78.2632	33.905	NC	9238	-0.5	-78.1573	33.9049	NC
9095	0	-78.1897	33.9054	NC	9167	-0.5	-78.2627	33.905	NC	9239	0.7	-78.2717	33.9049	NC
9096	-0.1	-78.1891	33.9054	NC	9168	-0.5	-78.2621	33.905	NC	9240	0.7	-78.2722	33.9049	NC
9097	-0.1	-78.1886	33.9054	NC	9169	-0.4	-78.2616	33.905	NC	9241	-0.3	-78.2154	33.9048	NC
9098	0	-78.188	33.9054	NC	9170	-0.5	-78.261	33.905	NC	9242	-0.3	-78.2148	33.9048	NC
9099	-0.1	-78.1875	33.9054	NC	9171	-0.6	-78.2605	33.905	NC	9243	-0.3	-78.2143	33.9048	NC
9100	-0.2	-78.1869	33.9054	NC	9172	-0.7	-78.2599	33.905	NC	9244	-0.3	-78.2137	33.9048	NC
9101	-0.2	-78.1864	33.9054	NC	9173	-0.8	-78.2594	33.905	NC	9245	-0.3	-78.2132	33.9048	NC
9102	-0.2	-78.1858	33.9054	NC	9174	-0.9	-78.2588	33.905	NC	9246	-0.5	-78.1568	33.9048	NC
9103	-0.2	-78.1852	33.9054	NC	9175	-0.9	-78.2583	33.905	NC	9247	-0.5	-78.1562	33.9048	NC
9104	-0.2	-78.1847	33.9054	NC	9176	-0.9	-78.2577	33.905	NC	9248	0.9	-78.2733	33.9048	NC
9105	-0.2	-78.1841	33.9054	NC	9177	-0.9	-78.2572	33.905	NC	9249	0.8	-78.2728	33.9048	NC
9106	-0.2	-78.1836	33.9054	NC	9178	-0.9	-78.2566	33.905	NC	9250	-1.3	-77.939	33.9048	NC
9107	-0.5	-78.1631	33.9053	NC	9179	-0.9	-78.2561	33.905	NC	9251	-0.2	-78.2159	33.9047	NC
9108	-0.5	-78.1626	33.9053	NC	9180	-0.8	-78.2555	33.905	NC	9252	-0.5	-78.1557	33.9047	NC
9109	-0.5	-78.162	33.9053	NC	9181	-0.9	-78.255	33.905	NC	9253	-0.6	-78.1551	33.9047	NC
9110	-0.6	-78.1634	33.9053	NC	9182	-0.9	-78.2544	33.905	NC	9254	-0.5	-78.1546	33.9047	NC
9111	-0.6	-78.1628	33.9053	NC	9183	-0.8	-78.2538	33.905	NC	9255	0.8	-78.2739	33.9047	NC
9112	0.3	-78.2673	33.9053	NC	9184	-0.9	-78.2533	33.905	NC	9256	0.9	-78.2744	33.9047	NC
9113	0.4	-78.2678	33.9053	NC	9185	-0.9	-78.2527	33.905	NC	9257	-0.3	-78.2181	33.9047	NC
9114	0.2	-78.2004	33.9053	NC	9186	-0.8	-78.2522	33.905	NC	9258	-0.2	-78.2176	33.9047	NC
9115	0.3	-78.1999	33.9053	NC	9187	-0.9	-78.2516	33.905	NC	9259	-0.1	-78.217	33.9047	NC
9116	0.3	-78.1993	33.9053	NC	9188	-0.9	-78.2511	33.905	NC	9260	-0.1	-78.2165	33.9047	NC
9117	0.1	-78.1988	33.9053	NC	9189	-0.8	-78.2505	33.905	NC	9261	-0.4	-78.2204	33.9046	NC
9118	0.1	-78.1982	33.9053	NC	9190	-0.8	-78.25	33.905	NC	9262	-0.4	-78.2198	33.9046	NC
9119	0.2	-78.1977	33.9053	NC	9191	-0.9	-78.2494	33.905	NC	9263	-0.5	-78.2192	33.9046	NC
9120	-0.4	-78.1714	33.9053	NC	9192	-0.9	-78.2489	33.905	NC	9264	-0.3	-78.2187	33.9046	NC
9121	-0.3	-78.1709	33.9053	NC	9193	-0.9	-78.2483	33.905	NC	9265	-0.6	-78.154	33.9046	NC
9122	-0.3	-78.1703	33.9053	NC	9194	-1	-78.2478	33.905	NC	9266	-0.5	-78.1535	33.9046	NC
9123	-0.3	-78.1697	33.9053	NC	9195	-1	-78.2472	33.905	NC	9267	0.9	-78.275	33.9046	NC
9124	-0.2	-78.1692	33.9053	NC	9196	-1	-78.2467	33.905	NC	9268	0.8	-78.2755	33.9046	NC
9125	-0.3	-78.1686	33.9053	NC	9197	-1	-78.2461	33.905	NC	9269	-0.2	-78.2215	33.9046	NC
9126	-0.3	-78.1681	33.9053	NC	9198	-0.2	-78.2093	33.905	NC	9270	-0.2	-78.2209	33.9046	NC
9127	-0.3	-78.1675	33.9053	NC	9199	-0.2	-78.2087	33.905	NC	9271	0.8	-78.2761	33.9045	NC
9128	-0.2	-78.167	33.9053	NC	9200	-0.1	-78.2082	33.905	NC	9272	-0.2	-78.2242	33.9045	NC
9129	-0.2	-78.1664	33.9053	NC	9201	-0.1	-78.2076	33.905	NC	9273	-0.2	-78.2237	33.9045	NC
9130	-0.3	-78.1659	33.9053	NC	9202	0	-78.2071	33.905	NC	9274	-0.2	-78.2231	33.9045	NC
9131	-0.3	-78.1653	33.9053	NC	9203	-0.6	-78.1595	33.905	NC	9275	-0.2	-78.2226	33.9045	NC
9132	-0.4	-78.1648	33.9053	NC	9204	-0.6	-78.159	33.905	NC	9276	-0.2	-78.222	33.9045	NC
9133	-0.5	-78.1642	33.9053	NC	9205	-0.6	-78.1584	33.905	NC	9277	-0.5	-78.1529	33.9045	NC
9134	-0.5	-78.1637	33.9053	NC	9206	-1	-78.2456	33.905	NC	9278	-0.5	-78.1524	33.9045	NC
9135	-0.6	-78.1612	33.9052	NC	9207	-1	-78.245	33.905	NC	9279	-0.5	-78.1518	33.9045	NC
9136	0.5	-78.2689	33.9052	NC	9208	-1	-78.2445	33.905	NC	9280	0.9	-78.2766	33.9045	NC
9137	0.5	-78.2684	33.9052	NC	9209	-1.4	-78.2439	33.905	NC	9281	-0.5	-78.1507	33.9044	NC
9138	0.1	-78.2032	33.9052	NC	9210	-2.1	-78.2434	33.905	NC	9282	0.8	-78.2777	33.9044	NC
9139	0.2	-78.2026	33.9052	NC	9211	-2.7	-78.2428	33.905	NC	9283	0.9	-78.2772	33.9044	NC
9140	0.2	-78.2021	33.9052	NC	9212	-3	-78.2423	33.905	NC	9284	-0.4	-78.2276	33.9044	NC
9141	0.2	-78.2015	33.9052	NC	9213	-3.4	-78.2417	33.905	NC	9285	-0.2	-78.227	33.9044	NC
9142	0.2	-78.201	33.9052	NC	9214	-3.6	-78.2412	33.905	NC	9286	-0.5	-78.2264	33.9044	NC
9143	-0.5	-78.1623	33.9052	NC	9215	-4.4	-78.2406	33.905	NC	9287	-0.5	-78.2259	33.9044	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
9288	-0.4	-78.2253	33.9044	NC	9360	-0.6	-78.1319	33.903	NC	9432	-0.1	-78.3141	33.9011	NC
9289	-0.4	-78.2248	33.9044	NC	9361	0.6	-78.2931	33.903	NC	9433	-0.1	-78.3135	33.9011	NC
9290	-0.5	-78.1512	33.9044	NC	9362	-0.2	-77.9396	33.903	NC	9434	0	-78.1187	33.9011	NC
9291	-0.9	-78.2287	33.9043	NC	9363	-0.6	-78.1308	33.9029	NC	9435	-0.1	-78.1182	33.901	NC
9292	-0.5	-78.2281	33.9043	NC	9364	-0.6	-78.1303	33.9029	NC	9436	-0.1	-78.3152	33.901	NC
9293	-0.5	-78.1501	33.9043	NC	9365	0.5	-78.2942	33.9029	NC	9437	-0.1	-78.3146	33.901	NC
9294	-0.4	-78.1496	33.9043	NC	9366	0.5	-78.2937	33.9029	NC	9438	-0.1	-78.3157	33.9009	NC
9295	-0.4	-78.149	33.9043	NC	9367	-0.6	-78.1314	33.9029	NC	9439	-0.1	-78.1176	33.9009	NC
9296	0.8	-78.2783	33.9043	NC	9368	0.5	-78.2953	33.9028	NC	9440	-0.1	-78.3163	33.9009	NC
9297	0.8	-78.2788	33.9043	NC	9369	0.4	-78.2948	33.9028	NC	9441	-0.1	-78.1171	33.9008	NC
9298	-1.3	-78.2303	33.9043	NC	9370	-0.6	-78.1297	33.9028	NC	9442	-0.1	-78.3174	33.9008	NC
9299	-1.1	-78.2298	33.9043	NC	9371	-0.7	-78.1292	33.9028	NC	9443	0	-78.3168	33.9008	NC
9300	-1	-78.2292	33.9043	NC	9372	-0.8	-78.1281	33.9027	NC	9444	0.8	-77.9404	33.9008	NC
9301	-0.9	-77.9391	33.9043	NC	9373	-0.7	-78.1275	33.9027	NC	9445	-0.1	-78.3179	33.9007	NC
9302	-0.4	-78.1485	33.9042	NC	9374	0.6	-78.2964	33.9027	NC	9446	-0.1	-78.1165	33.9007	NC
9303	-0.3	-78.1479	33.9042	NC	9375	0.6	-78.2959	33.9027	NC	9447	-0.1	-78.3185	33.9007	NC
9304	0.8	-78.2799	33.9042	NC	9376	-0.7	-78.1286	33.9027	NC	9448	-0.1	-78.3196	33.9006	NC
9305	0.8	-78.2794	33.9042	NC	9377	-0.7	-78.1264	33.9026	NC	9449	-0.1	-78.319	33.9006	NC
9306	-1.2	-78.2309	33.9042	NC	9378	0.5	-78.2975	33.9026	NC	9450	-0.2	-78.116	33.9006	NC
9307	0.8	-78.281	33.9041	NC	9379	0.6	-78.297	33.9026	NC	9451	-0.2	-78.1154	33.9005	NC
9308	0.8	-78.2805	33.9041	NC	9380	-0.7	-78.127	33.9026	NC	9452	-0.2	-78.3207	33.9005	NC
9309	-0.3	-78.1474	33.9041	NC	9381	0.4	-78.2986	33.9025	NC	9453	-0.1	-78.3201	33.9005	NC
9310	-0.3	-78.1468	33.9041	NC	9382	0.5	-78.2981	33.9025	NC	9454	-0.2	-78.3212	33.9004	NC
9311	-0.3	-78.1463	33.9041	NC	9383	-0.7	-78.1259	33.9025	NC	9455	-0.2	-78.1149	33.9004	NC
9312	0.8	-78.2821	33.904	NC	9384	-0.7	-78.1253	33.9025	NC	9456	-0.3	-78.3218	33.9004	NC
9313	0.8	-78.2816	33.904	NC	9385	0.1	-77.9398	33.9025	NC	9457	-0.2	-78.1143	33.9003	NC
9314	-0.4	-78.1457	33.904	NC	9386	0.2	-78.2997	33.9024	NC	9458	-0.2	-78.1138	33.9003	NC
9315	-0.5	-78.1452	33.904	NC	9387	0.3	-78.2992	33.9024	NC	9459	-0.3	-78.3229	33.9003	NC
9316	0.8	-78.2827	33.9039	NC	9388	0.2	-78.1269	33.9024	NC	9460	-0.3	-78.3223	33.9003	NC
9317	-0.5	-78.1446	33.9039	NC	9389	0.3	-78.1264	33.9023	NC	9461	0.9	-77.9406	33.9003	NC
9318	-0.5	-78.1441	33.9039	NC	9390	0.2	-78.3008	33.9023	NC	9462	-0.4	-78.324	33.9002	NC
9319	0.8	-78.2832	33.9039	NC	9391	0.2	-78.3003	33.9023	NC	9463	-0.4	-78.3234	33.9002	NC
9320	-0.7	-77.9393	33.9039	NC	9392	0.2	-78.3014	33.9022	NC	9464	-0.2	-78.1132	33.9002	NC
9321	-0.5	-78.1435	33.9038	NC	9393	0.4	-78.1258	33.9022	NC	9465	-0.1	-78.1127	33.9001	NC
9322	-0.5	-78.143	33.9038	NC	9394	0.1	-78.3019	33.9022	NC	9466	-0.4	-78.3251	33.9001	NC
9323	-0.5	-78.1424	33.9038	NC	9395	0.1	-78.3025	33.9021	NC	9467	-0.4	-78.3245	33.9001	NC
9324	0.8	-78.2843	33.9038	NC	9396	0.3	-78.1253	33.9021	NC	9468	-0.4	-78.3256	33.9	NC
9325	0.8	-78.2838	33.9038	NC	9397	0.3	-78.1247	33.9021	NC	9469	-0.1	-78.1122	33.9	NC
9326	0.7	-78.2854	33.9037	NC	9398	0	-78.3031	33.9021	NC	9470	-0.4	-78.3262	33.9	NC
9327	0.7	-78.2849	33.9037	NC	9399	0	-78.303	33.9021	NC	9471	-0.1	-78.1116	33.8999	NC
9328	-0.5	-78.1419	33.9037	NC	9400	0.3	-77.9399	33.9021	NC	9472	-0.4	-78.3273	33.8999	NC
9329	-0.5	-78.1413	33.9037	NC	9401	0.1	-78.3036	33.902	NC	9473	-0.3	-78.3267	33.8999	NC
9330	-0.5	-78.1408	33.9036	NC	9402	0.1	-78.3036	33.902	NC	9474	1	-77.9407	33.8999	NC
9331	-0.4	-78.1402	33.9036	NC	9403	0.1	-78.1242	33.902	NC	9475	-0.3	-78.3278	33.8998	NC
9332	-0.5	-78.1397	33.9036	NC	9404	0.1	-78.3042	33.902	NC	9476	-0.2	-78.1111	33.8998	NC
9333	0.7	-78.2865	33.9036	NC	9405	0.2	-78.1236	33.9019	NC	9477	-0.3	-78.3284	33.8998	NC
9334	0.7	-78.286	33.9036	NC	9406	0.1	-78.3053	33.9019	NC	9478	-0.3	-78.3295	33.8997	NC
9335	-0.6	-78.1386	33.9035	NC	9407	0.1	-78.3047	33.9019	NC	9479	-0.3	-78.3289	33.8997	NC
9336	0.6	-78.2876	33.9035	NC	9408	0	-78.3058	33.9018	NC	9480	-0.2	-78.1105	33.8997	NC
9337	0.6	-78.2871	33.9035	NC	9409	0.2	-78.1231	33.9018	NC	9481	-0.3	-78.11	33.8996	NC
9338	-0.6	-78.1391	33.9035	NC	9410	-0.1	-78.3064	33.9018	NC	9482	-0.4	-78.3306	33.8996	NC
9339	0.6	-78.2882	33.9034	NC	9411	0.2	-78.1225	33.9017	NC	9483	-0.4	-78.33	33.8996	NC
9340	-0.6	-78.138	33.9034	NC	9412	0	-78.3075	33.9017	NC	9484	-0.5	-78.3311	33.8995	NC
9341	-0.6	-78.1374	33.9034	NC	9413	0	-78.3069	33.9017	NC	9485	-0.2	-78.1094	33.8995	NC
9342	-0.6	-78.1369	33.9034	NC	9414	0.5	-77.9401	33.9017	NC	9486	-0.5	-78.3317	33.8995	NC
9343	0.6	-78.2887	33.9034	NC	9415	0.1	-78.308	33.9016	NC	9487	-0.2	-78.1089	33.8994	NC
9344	-0.4	-77.9394	33.9034	NC	9416	0	-78.122	33.9016	NC	9488	-0.3	-78.1083	33.8994	NC
9345	0.6	-78.2893	33.9033	NC	9417	0	-78.3086	33.9016	NC	9489	-0.6	-78.3328	33.8994	NC
9346	-0.6	-78.1363	33.9033	NC	9418	0.1	-78.3097	33.9015	NC	9490	-0.6	-78.3322	33.8994	NC
9347	-0.7	-78.1358	33.9033	NC	9419	0.1	-78.3091	33.9015	NC	9491	1	-77.9409	33.8994	NC
9348	0.5	-78.2898	33.9033	NC	9420	0	-78.1214	33.9015	NC	9492	-0.6	-78.3339	33.8993	NC
9349	0.6	-78.2904	33.9032	NC	9421	-0.1	-78.1209	33.9014	NC	9493	-0.6	-78.3333	33.8993	NC
9350	-0.6	-78.1352	33.9032	NC	9422	0	-78.3108	33.9014	NC	9494	-0.3	-78.1078	33.8993	NC
9351	-0.6	-78.1347	33.9032	NC	9423	0.1	-78.3102	33.9014	NC	9495	-0.3	-78.1072	33.8992	NC
9352	-0.7	-78.1341	33.9032	NC	9424	0	-78.3113	33.9013	NC	9496	-0.6	-78.335	33.8992	NC
9353	0.5	-78.2909	33.9032	NC	9425	0	-78.1203	33.9013	NC	9497	-0.5	-78.3344	33.8992	NC
9354	0.5	-78.292	33.9031	NC	9426	0	-78.3119	33.9013	NC	9498	-0.5	-78.3355	33.8991	NC
9355	0.5	-78.2915	33.9031	NC	9427	0	-78.1198	33.9012	NC	9499	-0.3	-78.1067	33.8991	NC
9356	-0.6	-78.1336	33.9031	NC	9428	0	-78.1193	33.9012	NC	9500	-0.5	-78.3361	33.8991	NC
9357	-0.7	-78.133	33.9031	NC	9429	-0.1	-78.313	33.9012	NC	9501	-0.3	-78.1061	33.899	NC
9358	0.6	-78.2926	33.903	NC	9430	-0.1	-78.3124	33.9012	NC	9502	-0.7	-78.3372	33.899	NC
9359	-0.6	-78.1325	33.903	NC	9431	0.6	-77.9402	33.9012	NC	9503	-0.6	-78.3366	33.899	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
9504	1.1	-77.9411	33.899	NC	9576	NA	-78.3768	33.8967	NC	9648	-3.2	-78.3847	33.8943	NC
9505	-0.6	-78.3377	33.8989	NC	9577	0.4	-78.3567	33.8967	NC	9649	-1.6	-77.9428	33.8943	NC
9506	-0.4	-78.1056	33.8989	NC	9578	0.7	-78.3578	33.8966	NC	9650	-1.7	-78.0818	33.8942	NC
9507	-0.7	-78.3383	33.8989	NC	9579	0.6	-78.3573	33.8966	NC	9651	-2	-78.3852	33.8941	NC
9508	-0.8	-78.3394	33.8988	NC	9580	-0.6	-78.0914	33.8966	NC	9652	-1.5	-78.0812	33.8941	NC
9509	-0.7	-78.3388	33.8988	NC	9581	-0.6	-78.0908	33.8965	NC	9653	-1.4	-78.0807	33.894	NC
9510	-0.4	-78.105	33.8988	NC	9582	0.8	-78.3583	33.8965	NC	9654	-1.5	-78.0802	33.8939	NC
9511	-0.4	-78.1045	33.8987	NC	9583	0.8	-78.3589	33.8964	NC	9655	-1.2	-78.3857	33.8939	NC
9512	-0.9	-78.3405	33.8987	NC	9584	-0.7	-78.0903	33.8964	NC	9656	-1.6	-77.9429	33.8939	NC
9513	-0.8	-78.3399	33.8987	NC	9585	0.9	-78.3594	33.8964	NC	9657	-0.5	-78.3862	33.8938	NC
9514	-0.6	-78.3404	33.8986	NC	9586	1.7	-77.942	33.8964	NC	9658	-1.4	-78.0796	33.8937	NC
9515	-0.9	-78.341	33.8986	NC	9587	-0.8	-78.0897	33.8963	NC	9659	-1.5	-78.0791	33.8936	NC
9516	-0.4	-78.104	33.8986	NC	9588	1.4	-78.3605	33.8963	NC	9660	-0.3	-78.3867	33.8936	NC
9517	1.3	-77.9412	33.8986	NC	9589	1.1	-78.36	33.8963	NC	9661	-0.3	-78.3873	33.8935	NC
9518	-0.4	-78.1034	33.8985	NC	9590	-0.6	-78.0903	33.8962	NC	9662	-1.5	-78.0786	33.8935	NC
9519	-0.3	-78.1029	33.8985	NC	9591	1.6	-78.3611	33.8962	NC	9663	-1.6	-78.078	33.8934	NC
9520	-0.6	-78.3415	33.8985	NC	9592	-0.9	-78.0892	33.8962	NC	9664	-1.5	-77.943	33.8934	NC
9521	-0.6	-78.3409	33.8985	NC	9593	-0.7	-78.0898	33.8961	NC	9665	-0.2	-78.3878	33.8933	NC
9522	-0.3	-78.1023	33.8984	NC	9594	2.1	-78.3621	33.8961	NC	9666	-1.6	-78.0775	33.8932	NC
9523	-0.5	-78.342	33.8984	NC	9595	1.9	-78.3616	33.8961	NC	9667	-0.2	-78.3883	33.8931	NC
9524	-0.4	-78.1018	33.8983	NC	9596	2.1	-78.3627	33.896	NC	9668	-1.5	-78.0769	33.8931	NC
9525	-0.5	-78.3431	33.8983	NC	9597	-0.7	-78.0893	33.896	NC	9669	-0.1	-78.3888	33.893	NC
9526	-0.5	-78.3426	33.8983	NC	9598	-0.8	-78.0887	33.8959	NC	9670	-1.5	-78.0764	33.893	NC
9527	-0.5	-78.3437	33.8982	NC	9599	2.3	-78.3638	33.8959	NC	9671	-1.6	-77.9431	33.893	NC
9528	-0.4	-78.1012	33.8982	NC	9600	2.1	-78.3632	33.8959	NC	9672	-1.5	-78.0759	33.8929	NC
9529	-0.4	-78.3442	33.8982	NC	9601	1.6	-77.9422	33.8959	NC	9673	-0.1	-78.3894	33.8928	NC
9530	-0.4	-78.1007	33.8981	NC	9602	2.5	-78.3643	33.8958	NC	9674	-1.4	-78.0753	33.8927	NC
9531	-0.5	-78.3447	33.8981	NC	9603	2.9	-78.3649	33.8957	NC	9675	-1.5	-78.0748	33.8926	NC
9532	1.3	-77.9414	33.8981	NC	9604	-0.8	-78.0882	33.8957	NC	9676	-0.4	-78.3899	33.8926	NC
9533	-0.4	-78.3453	33.898	NC	9605	3.1	-78.3654	33.8957	NC	9677	-1.4	-78.0743	33.8925	NC
9534	-0.4	-78.1001	33.898	NC	9606	2.7	-78.3665	33.8956	NC	9678	-0.6	-78.3904	33.8925	NC
9535	-0.4	-78.3458	33.898	NC	9607	2.9	-78.366	33.8956	NC	9679	-1.8	-77.9432	33.8925	NC
9536	-0.5	-78.0996	33.8979	NC	9608	-0.9	-78.0877	33.8956	NC	9680	-1.3	-78.0737	33.8924	NC
9537	-0.4	-78.3464	33.8979	NC	9609	-0.8	-78.0871	33.8955	NC	9681	-0.6	-78.3909	33.8923	NC
9538	-0.4	-78.099	33.8978	NC	9610	2.3	-78.367	33.8955	NC	9682	-1.4	-78.0732	33.8922	NC
9539	-0.3	-78.3475	33.8978	NC	9611	1.6	-77.9424	33.8955	NC	9683	-0.9	-78.3914	33.8922	NC
9540	-0.3	-78.3469	33.8978	NC	9612	1.9	-78.3676	33.8954	NC	9684	-1.4	-78.0727	33.8921	NC
9541	-0.2	-78.348	33.8977	NC	9613	-1	-78.0866	33.8954	NC	9685	-1.1	-78.392	33.892	NC
9542	-0.4	-78.0985	33.8977	NC	9614	1.6	-78.3681	33.8954	NC	9686	-1.4	-78.0721	33.892	NC
9543	1.4	-77.9415	33.8977	NC	9615	1.5	-78.3687	33.8953	NC	9687	-1.8	-77.9433	33.892	NC
9544	-0.4	-78.0979	33.8976	NC	9616	1.2	-78.3698	33.8952	NC	9688	-1.3	-78.0716	33.8919	NC
9545	-0.4	-78.0974	33.8976	NC	9617	1.4	-78.3692	33.8952	NC	9689	-1.3	-78.3925	33.8918	NC
9546	0	-78.3491	33.8976	NC	9618	-1.2	-78.086	33.8952	NC	9690	-1.3	-78.393	33.8917	NC
9547	-0.1	-78.3486	33.8976	NC	9619	-5.2	-78.3815	33.8952	NC	9691	-1.4	-78.0711	33.8917	NC
9548	0.1	-78.3502	33.8975	NC	9620	-5.2	-78.382	33.8951	NC	9692	-1.4	-78.0705	33.8916	NC
9549	0.1	-78.3496	33.8975	NC	9621	0.7	-78.3708	33.8951	NC	9693	-1.9	-77.9434	33.8916	NC
9550	-0.5	-78.0969	33.8975	NC	9622	0.9	-78.3703	33.8951	NC	9694	-1.3	-78.07	33.8915	NC
9551	0	-78.3507	33.8974	NC	9623	-1.2	-78.0855	33.8951	NC	9695	-1.5	-78.3935	33.8915	NC
9552	-0.5	-78.0963	33.8974	NC	9624	0.2	-78.3714	33.895	NC	9696	-1.4	-78.0695	33.8914	NC
9553	0.1	-78.3513	33.8973	NC	9625	-1.1	-78.085	33.895	NC	9697	-1.4	-78.3941	33.8913	NC
9554	-0.5	-78.0958	33.8973	NC	9626	1.6	-77.9425	33.895	NC	9698	-1.5	-78.0689	33.8912	NC
9555	0.1	-78.3518	33.8973	NC	9627	-0.7	-78.3725	33.8949	NC	9699	-1.1	-78.3946	33.8912	NC
9556	-0.6	-78.0952	33.8972	NC	9628	-0.2	-78.3719	33.8949	NC	9700	-1.5	-78.0684	33.8911	NC
9557	NA	-78.3752	33.8972	NC	9629	-1.2	-78.0844	33.8949	NC	9701	-1.9	-77.9435	33.8911	NC
9558	0.1	-78.3524	33.8972	NC	9630	-5.4	-78.3826	33.8949	NC	9702	-0.8	-78.3951	33.891	NC
9559	1.4	-77.9417	33.8972	NC	9631	-1.7	-77.9427	33.8948	NC	9703	-1.4	-78.0679	33.891	NC
9560	0.1	-78.3529	33.8971	NC	9632	-1.4	-78.373	33.8948	NC	9704	-1.4	-78.0673	33.8909	NC
9561	-0.6	-78.0947	33.8971	NC	9633	-1.2	-78.0839	33.8947	NC	9705	-0.4	-78.3956	33.8909	NC
9562	0.2	-78.3534	33.8971	NC	9634	-5.1	-78.3831	33.8947	NC	9706	-1.3	-78.0668	33.8907	NC
9563	-0.6	-78.0941	33.897	NC	9635	-2.7	-78.3741	33.8947	NC	9707	-0.2	-78.3961	33.8907	NC
9564	NA	-78.3758	33.897	NC	9636	-1.7	-78.3736	33.8947	NC	9708	-1.9	-77.9436	33.8907	NC
9565	0.3	-78.3545	33.897	NC	9637	-4.7	-78.3836	33.8946	NC	9709	-1.3	-78.0662	33.8906	NC
9566	0.3	-78.354	33.897	NC	9638	-1.1	-78.3747	33.8946	NC	9710	-1.3	-78.0657	33.8905	NC
9567	-0.5	-78.0936	33.8969	NC	9639	-1.4	-78.0834	33.8946	NC	9711	0	-78.3967	33.8905	NC
9568	-27	-78.3763	33.8969	NC	9640	1.7	-77.9427	33.8946	NC	9712	0.2	-78.3972	33.8904	NC
9569	0.2	-78.3551	33.8969	NC	9641	-1.7	-78.0828	33.8945	NC	9713	-1.2	-78.0652	33.8904	NC
9570	0.3	-78.3562	33.8968	NC	9642	-0.2	-78.3757	33.8945	NC	9714	0.4	-78.3977	33.8902	NC
9571	0.3	-78.3556	33.8968	NC	9643	-0.7	-78.3752	33.8945	NC	9715	-1.1	-78.0646	33.8902	NC
9572	-0.6	-78.093	33.8968	NC	9644	-1.6	-78.0823	33.8944	NC	9716	-2	-77.9438	33.8902	NC
9573	1.6	-77.9419	33.8968	NC	9645	-3.9	-78.3841	33.8944	NC	9717	-1	-78.0641	33.8901	NC
9574	-0.6	-78.0925	33.8967	NC	9646	0.4	-78.3768	33.8944	NC	9718	0.5	-78.3982	33.89	NC
9575	-0.6	-78.0919	33.8967	NC	9647	0.1	-78.3763	33.8944	NC	9719	-0.9	-78.0636	33.89	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
9720	-0.8	-78.063	33.8899	NC	9792	1.2	-78.0459	33.8856	NC	9864	0.2	-78.0282	33.8814	NC
9721	0.6	-78.3988	33.8899	NC	9793	-0.7	-78.4128	33.8856	NC	9865	-0.5	-78.4286	33.8814	NC
9722	-2	-77.9439	33.8898	NC	9794	-0.8	-78.4133	33.8855	NC	9866	-0.5	-78.4292	33.8813	NC
9723	-0.7	-78.0625	33.8897	NC	9795	1.3	-78.0454	33.8854	NC	9867	0.4	-78.0277	33.8813	NC
9724	0.6	-78.3993	33.8897	NC	9796	1.2	-78.0448	33.8853	NC	9868	0.7	-78.0272	33.8812	NC
9725	0.6	-78.3998	33.8896	NC	9797	-0.9	-78.4139	33.8853	NC	9869	-0.5	-78.4297	33.8812	NC
9726	-0.7	-78.062	33.8896	NC	9798	1.1	-78.0443	33.8852	NC	9870	1	-78.0266	33.8811	NC
9727	-0.7	-78.0614	33.8895	NC	9799	-0.9	-78.4144	33.8852	NC	9871	-1.5	-77.9458	33.8811	NC
9728	0.5	-78.4003	33.8894	NC	9800	-1.9	-77.9449	33.8852	NC	9872	-0.4	-78.4302	33.881	NC
9729	-0.7	-78.0609	33.8894	NC	9801	-1	-78.4149	33.8851	NC	9873	-0.4	-78.4308	33.8809	NC
9730	-2.1	-77.944	33.8893	NC	9802	1.1	-78.0438	33.8851	NC	9874	1.3	-78.0261	33.8809	NC
9731	0.5	-78.4008	33.8892	NC	9803	0.9	-78.0432	33.8849	NC	9875	1.6	-78.0256	33.8808	NC
9732	-0.7	-78.0604	33.8892	NC	9804	-1	-78.4154	33.8849	NC	9876	-0.2	-78.4313	33.8807	NC
9733	-0.6	-78.0598	33.8891	NC	9805	-0.9	-78.416	33.8848	NC	9877	1.9	-78.025	33.8807	NC
9734	0.4	-78.4014	33.8891	NC	9806	0.9	-78.0427	33.8848	NC	9878	-0.2	-78.4318	33.8806	NC
9735	-0.7	-78.0593	33.889	NC	9807	1	-78.0422	33.8847	NC	9879	2.3	-78.0245	33.8806	NC
9736	0.3	-78.4019	33.8889	NC	9808	-1.8	-77.945	33.8847	NC	9880	-1.5	-77.9459	33.8806	NC
9737	-0.6	-78.0588	33.8889	NC	9809	0.9	-78.0416	33.8846	NC	9881	-0.1	-78.4323	33.8805	NC
9738	-2.1	-77.9441	33.8889	NC	9810	-1	-78.4165	33.8846	NC	9882	2.7	-78.024	33.8804	NC
9739	0.3	-78.4024	33.8888	NC	9811	-1	-78.417	33.8845	NC	9883	0	-78.4329	33.8803	NC
9740	-0.5	-78.0582	33.8887	NC	9812	-1	-78.4176	33.8844	NC	9884	3.3	-78.0234	33.8803	NC
9741	0.2	-78.4029	33.8886	NC	9813	0.9	-78.0411	33.8844	NC	9885	0.2	-78.4334	33.8802	NC
9742	-0.4	-78.0577	33.8886	NC	9814	0.8	-78.0405	33.8843	NC	9886	3.7	-78.0229	33.8802	NC
9743	-0.2	-78.0571	33.8885	NC	9815	-1.7	-77.9451	33.8843	NC	9887	-1.4	-77.946	33.8802	NC
9744	-0.1	-78.0566	33.8884	NC	9816	0.8	-78.04	33.8842	NC	9888	4.3	-78.0224	33.8801	NC
9745	0.2	-78.4035	33.8884	NC	9817	-1	-78.4181	33.8842	NC	9889	0.3	-78.4339	33.88	NC
9746	-2.1	-77.9442	33.8884	NC	9818	-1	-78.4186	33.8841	NC	9890	0.2	-78.4345	33.8799	NC
9747	0.1	-78.404	33.8883	NC	9819	0.7	-78.0395	33.8841	NC	9891	4.9	-78.0218	33.8799	NC
9748	-0.1	-78.0561	33.8882	NC	9820	-1	-78.4191	33.884	NC	9892	6.2	-78.0213	33.8798	NC
9749	-0.3	-78.0555	33.8881	NC	9821	0.7	-78.0389	33.8839	NC	9893	0.1	-78.435	33.8798	NC
9750	0	-78.4045	33.8881	NC	9822	0.6	-78.0384	33.8838	NC	9894	7	-78.0207	33.8797	NC
9751	-0.4	-78.055	33.888	NC	9823	-1	-78.4197	33.8838	NC	9895	-1.5	-77.9461	33.8797	NC
9752	0	-78.405	33.8879	NC	9824	-1.7	-77.9452	33.8838	NC	9896	0.1	-78.4355	33.8796	NC
9753	-0.4	-78.0545	33.8879	NC	9825	-1	-78.4202	33.8837	NC	9897	8.2	-78.0202	33.8796	NC
9754	-2.2	-77.9443	33.8879	NC	9826	0.6	-78.0379	33.8837	NC	9898	0.1	-78.436	33.8795	NC
9755	-0.1	-78.4056	33.8878	NC	9827	0.4	-78.0373	33.8836	NC	9899	9	-78.0197	33.8794	NC
9756	-0.4	-78.0539	33.8877	NC	9828	-0.9	-78.4207	33.8835	NC	9900	0.1	-78.4366	33.8793	NC
9757	-0.1	-78.4061	33.8876	NC	9829	0.5	-78.0368	33.8834	NC	9901	-1.5	-77.9463	33.8793	NC
9758	-0.3	-78.0534	33.8876	NC	9830	-0.9	-78.4212	33.8834	NC	9902	0.1	-78.4371	33.8792	NC
9759	-0.3	-78.4066	33.8875	NC	9831	-1.6	-77.9453	33.8834	NC	9903	0	-78.4376	33.8791	NC
9760	-2.2	-77.9444	33.8875	NC	9832	-0.9	-78.4218	33.8833	NC	9904	0	-78.4381	33.8789	NC
9761	-0.7	-78.0539	33.8874	NC	9833	0.4	-78.0363	33.8833	NC	9905	0	-78.4387	33.8788	NC
9762	-0.5	-78.0534	33.8873	NC	9834	0.4	-78.0357	33.8832	NC	9906	-1.4	-77.9464	33.8788	NC
9763	-0.3	-78.4071	33.8873	NC	9835	-0.7	-78.4223	33.8831	NC	9907	0	-78.4392	33.8787	NC
9764	-0.3	-78.0529	33.8872	NC	9836	0.3	-78.0352	33.8831	NC	9908	0.1	-78.4397	33.8785	NC
9765	-0.2	-78.0523	33.8871	NC	9837	-0.8	-78.4228	33.883	NC	9909	0.1	-78.4403	33.8784	NC
9766	-0.4	-78.4076	33.8871	NC	9838	0.4	-78.0347	33.8829	NC	9910	-1.4	-77.9465	33.8784	NC
9767	-0.4	-78.4082	33.887	NC	9839	-1.6	-77.9454	33.8829	NC	9911	0	-78.4408	33.8782	NC
9768	-2.2	-77.9445	33.887	NC	9840	0.3	-78.0341	33.8828	NC	9912	0	-78.4413	33.8781	NC
9769	-0.1	-78.0518	33.8869	NC	9841	-0.9	-78.4234	33.8828	NC	9913	-0.4	-78.4417	33.8781	NC
9770	-0.5	-78.4087	33.8868	NC	9842	-0.9	-78.4239	33.8827	NC	9914	0.1	-78.4418	33.878	NC
9771	0.1	-78.0513	33.8868	NC	9843	0.2	-78.0336	33.8827	NC	9915	-0.4	-78.4422	33.8779	NC
9772	0.1	-78.0507	33.8867	NC	9844	0.2	-78.0331	33.8826	NC	9916	-1.4	-77.9466	33.8779	NC
9773	0.5	-78.0502	33.8866	NC	9845	-0.9	-78.4244	33.8826	NC	9917	-0.4	-78.4427	33.8778	NC
9774	-0.6	-78.4092	33.8866	NC	9846	-1.5	-77.9455	33.8825	NC	9918	0.1	-78.4424	33.8778	NC
9775	-2.1	-77.9446	33.8866	NC	9847	0.1	-78.0325	33.8824	NC	9919	-0.3	-78.4433	33.8776	NC
9776	-0.8	-78.4097	33.8865	NC	9848	-0.7	-78.4249	33.8824	NC	9920	-0.3	-78.4438	33.8775	NC
9777	0.7	-78.0496	33.8864	NC	9849	-0.7	-78.4255	33.8823	NC	9921	-1.5	-77.9467	33.8774	NC
9778	-0.7	-78.4102	33.8863	NC	9850	0	-78.032	33.8823	NC	9922	-0.3	-78.4443	33.8773	NC
9779	-0.7	-78.4103	33.8863	NC	9851	-0.2	-78.0315	33.8822	NC	9923	-0.3	-78.4448	33.8772	NC
9780	0.7	-78.0491	33.8863	NC	9852	-0.6	-78.426	33.8821	NC	9924	-0.2	-78.4453	33.877	NC
9781	-0.7	-78.4107	33.8862	NC	9853	-0.2	-78.0309	33.8821	NC	9925	-1.6	-77.9468	33.877	NC
9782	0.7	-78.0486	33.8862	NC	9854	-0.6	-78.4265	33.882	NC	9926	-0.3	-78.4459	33.8769	NC
9783	0.7	-78.048	33.8861	NC	9855	-1.5	-77.9456	33.882	NC	9927	-0.3	-78.4464	33.8767	NC
9784	-2	-77.9447	33.8861	NC	9856	-0.6	-78.4271	33.8819	NC	9928	-0.4	-78.4469	33.8766	NC
9785	-0.8	-78.4112	33.886	NC	9857	-0.3	-78.0304	33.8819	NC	9929	-1.6	-77.9469	33.8765	NC
9786	0.6	-78.0475	33.8859	NC	9858	-0.2	-78.0298	33.8818	NC	9930	-0.4	-78.4474	33.8764	NC
9787	-0.8	-78.4117	33.8859	NC	9859	-0.6	-78.4276	33.8817	NC	9931	-0.4	-78.448	33.8763	NC
9788	-0.7	-78.4123	33.8858	NC	9860	-0.1	-78.0293	33.8817	NC	9932	-0.3	-78.4485	33.8761	NC
9789	0.8	-78.047	33.8858	NC	9861	-0.5	-78.4281	33.8816	NC	9933	-1.8	-77.947	33.8761	NC
9790	1.1	-78.0464	33.8857	NC	9862	0	-78.0288	33.8816	NC	9934	-0.2	-78.449	33.876	NC
9791	-1.9	-77.9448	33.8857	NC	9863	-1.5	-77.9457	33.8816	NC	9935	-0.2	-78.4495	33.8758	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
9936	-0.2	-78.45	33.8756	NC	10008	-0.1	-78.4756	33.8681	NC	10080	2.8	-78.5057	33.8617	NC
9937	-2	-77.9471	33.8756	NC	10009	-3.9	-78.4789	33.868	NC	10081	2.8	-78.5062	33.8616	NC
9938	-0.2	-78.4506	33.8755	NC	10010	-4.2	-78.4794	33.8679	NC	10082	3.7	-78.5096	33.8615	NC
9939	-0.3	-78.4511	33.8753	NC	10011	-1.4	-77.9489	33.8679	NC	10083	2.9	-78.5067	33.8614	NC
9940	-0.3	-78.4516	33.8752	NC	10012	-3.9	-78.48	33.8678	NC	10084	0.8	-77.9497	33.8614	NC
9941	-2.2	-77.9472	33.8752	NC	10013	-3.6	-78.4805	33.8677	NC	10085	2.9	-78.5073	33.8613	NC
9942	-0.3	-78.4521	33.875	NC	10014	-3.6	-78.4811	33.8675	NC	10086	3.7	-78.51	33.8613	NC
9943	-0.3	-78.4526	33.8749	NC	10015	-3.5	-78.4816	33.8674	NC	10087	2.9	-78.5078	33.8612	NC
9944	-0.3	-78.4532	33.8747	NC	10016	-1	-77.949	33.8674	NC	10088	3	-78.5083	33.8611	NC
9945	-2	-77.9473	33.8747	NC	10017	5.2	-78.4821	33.8673	NC	10089	3.7	-78.5105	33.8611	NC
9946	-0.3	-78.4537	33.8746	NC	10018	10.4	-78.4827	33.8672	NC	10090	3.7	-78.511	33.8609	NC
9947	-0.3	-78.4542	33.8744	NC	10019	11	-78.4832	33.867	NC	10091	3.1	-78.5089	33.8609	NC
9948	-0.3	-78.4547	33.8743	NC	10020	-0.7	-77.9491	33.867	NC	10092	0.9	-77.9497	33.8609	NC
9949	-2	-77.9474	33.8743	NC	10021	11.2	-78.4837	33.8669	NC	10093	3.1	-78.5094	33.8608	NC
9950	-0.2	-78.4552	33.8741	NC	10022	11.6	-78.4843	33.8668	NC	10094	3.1	-78.51	33.8607	NC
9951	-0.1	-78.4558	33.874	NC	10023	12.1	-78.4848	33.8666	NC	10095	3.6	-78.5115	33.8606	NC
9952	-0.2	-78.4563	33.8738	NC	10024	11.5	-78.4853	33.8665	NC	10096	3.2	-78.5105	33.8606	NC
9953	-1.9	-77.9475	33.8738	NC	10025	-0.4	-77.9492	33.8665	NC	10097	0.9	-77.9497	33.8605	NC
9954	-0.3	-78.4568	33.8736	NC	10026	10.8	-78.4859	33.8664	NC	10098	3.6	-78.512	33.8604	NC
9955	-0.2	-78.4573	33.8735	NC	10027	8	-78.4864	33.8663	NC	10099	3.6	-78.5125	33.8602	NC
9956	-0.1	-78.4579	33.8733	NC	10028	5.3	-78.4869	33.8661	NC	10100	0.9	-77.9497	33.86	NC
9957	-1.8	-77.9476	33.8733	NC	10029	4.1	-78.4875	33.866	NC	10101	3.5	-78.5129	33.8599	NC
9958	-0.1	-78.4584	33.8732	NC	10030	-0.1	-77.9493	33.866	NC	10102	3.4	-78.5134	33.8597	NC
9959	-0.1	-78.4589	33.873	NC	10031	2.9	-78.488	33.8659	NC	10103	3.3	-78.5139	33.8595	NC
9960	-0.2	-78.4594	33.8729	NC	10032	2.4	-78.4885	33.8658	NC	10104	0.8	-77.9498	33.8595	NC
9961	-1.8	-77.9477	33.8729	NC	10033	1.9	-78.4891	33.8656	NC	10105	3.3	-78.5144	33.8592	NC
9962	-0.2	-78.4599	33.8727	NC	10034	-0.1	-77.9494	33.8656	NC	10106	0.7	-77.9498	33.8591	NC
9963	-0.2	-78.4605	33.8726	NC	10035	1.7	-78.4896	33.8655	NC	10107	3.1	-78.5149	33.859	NC
9964	-0.1	-78.461	33.8724	NC	10036	1.4	-78.4902	33.8654	NC	10108	3.1	-78.5153	33.8588	NC
9965	-1.7	-77.9478	33.8724	NC	10037	0.9	-78.4907	33.8653	NC	10109	3	-78.5158	33.8586	NC
9966	0	-78.4615	33.8723	NC	10038	0.5	-78.4912	33.8651	NC	10110	0.7	-77.9498	33.8586	NC
9967	0	-78.462	33.8721	NC	10039	0.4	-77.9496	33.8651	NC	10111	2.9	-78.5163	33.8583	NC
9968	-0.1	-78.4625	33.872	NC	10040	-0.2	-77.9495	33.8651	NC	10112	2.8	-78.5168	33.8581	NC
9969	-1.8	-77.9479	33.872	NC	10041	0.2	-78.4918	33.865	NC	10113	0.7	-77.9498	33.8581	NC
9970	0	-78.4631	33.8718	NC	10042	-0.1	-78.4923	33.8649	NC	10114	2.9	-78.5173	33.8579	NC
9971	0	-78.4636	33.8717	NC	10043	-0.5	-78.4928	33.8647	NC	10115	0.7	-77.9498	33.8577	NC
9972	0	-78.4641	33.8715	NC	10044	0	-77.9496	33.8647	NC	10116	2.9	-78.5178	33.8576	NC
9973	-1.8	-77.948	33.8715	NC	10045	0.5	-77.9496	33.8646	NC	10117	2.9	-78.5182	33.8574	NC
9974	0.1	-78.4646	33.8713	NC	10046	-0.7	-78.4934	33.8646	NC	10118	3	-78.5187	33.8572	NC
9975	0.1	-78.4652	33.8712	NC	10047	-1.1	-78.4939	33.8645	NC	10119	0.8	-77.9498	33.8572	NC
9976	-1.7	-77.9481	33.8711	NC	10048	-1.4	-78.4944	33.8644	NC	10120	3.5	-78.5192	33.8569	NC
9977	0	-78.4657	33.871	NC	10049	-1.4	-78.495	33.8642	NC	10121	0.8	-77.9498	33.8568	NC
9978	0	-78.4662	33.8709	NC	10050	0.6	-77.9496	33.8642	NC	10122	4	-78.5197	33.8567	NC
9979	0	-78.4667	33.8707	NC	10051	0.2	-77.9497	33.8642	NC	10123	4.6	-78.5202	33.8565	NC
9980	-0.1	-78.4672	33.8706	NC	10052	-1.4	-78.4955	33.8641	NC	10124	5	-78.5206	33.8563	NC
9981	-1.5	-77.9482	33.8706	NC	10053	-1.2	-78.496	33.864	NC	10125	0.9	-77.9498	33.8563	NC
9982	-0.1	-78.4678	33.8704	NC	10054	-1	-78.4966	33.8639	NC	10126	7	-78.5211	33.856	NC
9983	0	-78.4683	33.8703	NC	10055	0.2	-77.9498	33.8638	NC	10127	8.8	-78.5216	33.8558	NC
9984	0.1	-78.4688	33.8701	NC	10056	0.7	-77.9497	33.8637	NC	10128	0.9	-77.9498	33.8558	NC
9985	-1.6	-77.9483	33.8701	NC	10057	-0.8	-78.4971	33.8637	NC	10129	4.6	-78.5221	33.8556	NC
9986	0.3	-78.4693	33.87	NC	10058	-0.6	-78.4976	33.8636	NC	10130	0.9	-77.9499	33.8554	NC
9987	0.7	-78.4698	33.8698	NC	10059	-0.3	-78.4982	33.8635	NC	10131	10.6	-78.5226	33.8553	NC
9988	0.9	-78.4704	33.8697	NC	10060	0	-78.4987	33.8633	NC	10132	10.6	-78.5231	33.8551	NC
9989	-1.8	-77.9484	33.8697	NC	10061	0.3	-77.9499	33.8633	NC	10133	9.4	-78.5235	33.8549	NC
9990	0.8	-78.4709	33.8695	NC	10062	0.3	-78.4992	33.8632	NC	10134	1.1	-77.9499	33.8549	NC
9991	0.8	-78.4714	33.8693	NC	10063	0.7	-77.9497	33.8632	NC	10135	7.7	-78.524	33.8547	NC
9992	0.8	-78.4719	33.8692	NC	10064	0.6	-78.4998	33.8631	NC	10136	1.2	-77.9499	33.8545	NC
9993	-1.8	-77.9485	33.8692	NC	10065	1	-78.5003	33.863	NC	10137	5.1	-78.5245	33.8544	NC
9994	0.8	-78.4724	33.869	NC	10066	1.3	-78.5009	33.8628	NC	10138	18.9	-78.022	33.8542	NC
9995	0.8	-78.473	33.8689	NC	10067	0.7	-77.9497	33.8628	NC	10139	5.3	-78.525	33.8542	NC
9996	-2	-78.4757	33.8688	NC	10068	1.5	-78.5014	33.8627	NC	10140	18.6	-78.0215	33.854	NC
9997	-1.6	-77.9486	33.8688	NC	10069	1.8	-78.5019	33.8626	NC	10141	5	-78.5255	33.854	NC
9998	-2.3	-78.4762	33.8687	NC	10070	1.9	-78.5025	33.8625	NC	10142	1.3	-77.9499	33.854	NC
9999	1	-78.4735	33.8687	NC	10071	2	-78.503	33.8623	NC	10143	18.3	-78.021	33.8538	NC
10000	1	-78.474	33.8686	NC	10072	0.7	-77.9497	33.8623	NC	10144	23.9	-78.0205	33.8537	NC
10001	-2.6	-78.4768	33.8685	NC	10073	2.1	-78.5035	33.8622	NC	10145	5	-78.5259	33.8537	NC
10002	-3.7	-78.4773	33.8684	NC	10074	2.3	-78.5041	33.8621	NC	10146	29.5	-78.0199	33.8535	NC
10003	1	-78.4745	33.8684	NC	10075	2.4	-78.5046	33.862	NC	10147	4.9	-78.5264	33.8535	NC
10004	0.3	-78.4751	33.8683	NC	10076	3.9	-78.5086	33.862	NC	10148	1.4	-77.9499	33.8535	NC
10005	-4.5	-78.4778	33.8683	NC	10077	3.8	-78.5091	33.8618	NC	10149	4.9	-78.5269	33.8533	NC
10006	-1.5	-77.9488	33.8683	NC	10078	2.7	-78.5051	33.8618	NC	10150	32.6	-78.0194	33.8533	NC
10007	-3.5	-78.4784	33.8682	NC	10079	0.8	-77.9497	33.8618	NC	10151	35.6	-78.0189	33.8531	NC

TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST	TR#	RATE	LONG	LAT	ST
10152	1.5	-77.9499	33.8531	NC	10224	-0.9	-78.0015	33.8471	NC	10296	-2.2	-77.9785	33.8379	NC
10153	22.9	-78.0184	33.853	NC	10225	11.1	-78.5399	33.8471	NC	10297	-2.3	-77.9781	33.8377	NC
10154	5	-78.5274	33.853	NC	10226	3.1	-77.9501	33.8471	NC	10298	-2.4	-77.9776	33.8374	NC
10155	4.9	-78.5279	33.8528	NC	10227	-0.9	-78.001	33.8469	NC	10299	-2.6	-77.9771	33.8372	NC
10156	-7.3	-78.0179	33.8528	NC	10228	12.3	-78.5404	33.8468	NC	10300	-2.7	-77.9766	33.837	NC
10157	4.8	-78.5283	33.8526	NC	10229	-1	-78.0005	33.8467	NC	10301	-2.9	-77.9761	33.8367	NC
10158	-9.3	-78.0174	33.8526	NC	10230	-0.9	-78	33.8466	NC	10302	-3	-77.9757	33.8365	NC
10159	1.6	-77.9499	33.8526	NC	10231	16	-78.5409	33.8466	NC	10303	-3.1	-77.9752	33.8363	NC
10160	1.5	-78.0169	33.8524	NC	10232	3.3	-77.9501	33.8466	NC	10304	-3.1	-77.9747	33.8361	NC
10161	4.6	-78.5288	33.8524	NC	10233	-0.8	-77.9994	33.8464	NC	10305	-3.4	-77.9742	33.8358	NC
10162	-0.8	-78.0164	33.8522	NC	10234	-0.7	-77.9989	33.8462	NC	10306	-3.6	-77.9737	33.8356	NC
10163	4.5	-78.5293	33.8521	NC	10235	3.3	-77.9501	33.8461	NC	10307	-3.9	-77.9733	33.8354	NC
10164	-3.6	-78.0158	33.8521	NC	10236	-0.6	-77.9984	33.846	NC	10308	-4.1	-77.9728	33.8351	NC
10165	1.7	-77.9499	33.8521	NC	10237	-0.6	-77.9979	33.8459	NC	10309	-4.4	-77.9723	33.8349	NC
10166	-3.9	-78.0153	33.8519	NC	10238	-0.5	-77.9974	33.8457	NC	10310	-4.8	-77.9718	33.8347	NC
10167	4.2	-78.5298	33.8519	NC	10239	3.4	-77.9501	33.8457	NC	10311	-5.2	-77.9713	33.8345	NC
10168	-4.3	-78.0148	33.8517	NC	10240	-0.7	-77.9969	33.8455	NC	10312	-5.6	-77.9708	33.8342	NC
10169	3.9	-78.5303	33.8517	NC	10241	-0.8	-77.9964	33.8453	NC	10313	-6	-77.9704	33.834	NC
10170	1.9	-77.9499	33.8517	NC	10242	3.5	-77.9501	33.8452	NC	10314	-6.5	-77.9699	33.8338	NC
10171	-4	-78.0143	33.8515	NC	10243	-0.9	-77.9959	33.8451	NC	10315	-7	-77.9694	33.8335	NC
10172	-3.8	-78.0138	33.8514	NC	10244	-1	-77.9953	33.845	NC	10316	-7.5	-77.9689	33.8333	NC
10173	3.6	-78.5308	33.8514	NC	10245	-1	-77.9948	33.8448	NC	10317	-8	-77.9684	33.8331	NC
10174	-3.5	-78.0133	33.8512	NC	10246	3.6	-77.9501	33.8447	NC	10318	-8.5	-77.968	33.8329	NC
10175	3.4	-78.5312	33.8512	NC	10247	-1	-77.9943	33.8446	NC	10319	-9.2	-77.9675	33.8326	NC
10176	2	-77.95	33.8512	NC	10248	-1	-77.9938	33.8444	NC	10320	-9.9	-77.967	33.8324	NC
10177	3	-78.5317	33.851	NC	10249	-1	-77.9933	33.8443	NC	10321	14	-77.9665	33.8322	NC
10178	-3.5	-78.0128	33.851	NC	10250	3.7	-77.9501	33.8443	NC	10322	11.7	-77.966	33.8319	NC
10179	2.7	-78.5322	33.8508	NC	10251	-0.9	-77.9928	33.8441	NC					
10180	-3.2	-78.0123	33.8508	NC	10252	-1	-77.9923	33.8439	NC					
10181	2.1	-77.95	33.8508	NC	10253	4	-77.9501	33.8438	NC					
10182	-2.7	-78.0117	33.8507	NC	10254	-0.9	-77.9918	33.8437	NC					
10183	2.7	-78.5327	33.8505	NC	10255	-0.8	-77.9912	33.8436	NC					
10184	-2.5	-78.0112	33.8505	NC	10256	-0.8	-77.9907	33.8434	NC					
10185	2.8	-78.5332	33.8503	NC	10257	4.4	-77.9502	33.8434	NC					
10186	-2.4	-78.0107	33.8503	NC	10258	-0.8	-77.9902	33.8432	NC					
10187	2.2	-77.95	33.8503	NC	10259	-0.7	-77.9897	33.843	NC					
10188	-2.4	-78.0102	33.8501	NC	10260	4.6	-77.9502	33.8429	NC					
10189	2.6	-78.5336	33.8501	NC	10261	-0.7	-77.9892	33.8428	NC					
10190	-2.3	-78.0097	33.8499	NC	10262	-0.6	-77.9887	33.8427	NC					
10191	2.6	-78.5341	33.8498	NC	10263	-0.6	-77.9882	33.8425	NC					
10192	-2.3	-78.0092	33.8498	NC	10264	-1.8	-77.9881	33.8424	NC					
10193	2.4	-77.95	33.8498	NC	10265	4.8	-77.9502	33.8424	NC					
10194	-2.3	-78.0087	33.8496	NC	10266	-0.5	-77.9877	33.8423	NC					
10195	2.7	-78.5346	33.8496	NC	10267	-1.8	-77.9877	33.8422	NC					
10196	-2	-78.0082	33.8494	NC	10268	-0.5	-77.9871	33.8421	NC					
10197	2.7	-78.5351	33.8494	NC	10269	-0.4	-77.9866	33.842	NC					
10198	2.6	-77.95	33.8494	NC	10270	-1.7	-77.9872	33.842	NC					
10199	-1.8	-78.0076	33.8492	NC	10271	5	-77.9502	33.842	NC					
10200	-1.8	-78.0071	33.8491	NC	10272	-1.8	-77.9867	33.8418	NC					
10201	2.9	-78.5356	33.8491	NC	10273	-1.8	-77.9862	33.8415	NC					
10202	-1.6	-78.0066	33.8489	NC	10274	5.5	-77.9502	33.8415	NC					
10203	3.1	-78.5361	33.8489	NC	10275	-2	-77.9857	33.8413	NC					
10204	2.7	-77.95	33.8489	NC	10276	-2	-77.9853	33.8411	NC					
10205	3.3	-78.5365	33.8487	NC	10277	5.9	-77.9502	33.8411	NC					
10206	-1.5	-78.0061	33.8487	NC	10278	-2	-77.9848	33.8408	NC					
10207	-1.4	-78.0056	33.8485	NC	10279	-2.1	-77.9843	33.8406	NC					
10208	3.6	-78.537	33.8485	NC	10280	6.4	-77.9502	33.8406	NC					
10209	2.8	-77.95	33.8484	NC	10281	-2.1	-77.9838	33.8404	NC					
10210	-1.3	-78.0051	33.8483	NC	10282	-2.2	-77.9833	33.8402	NC					
10211	4.3	-78.5375	33.8482	NC	10283	7.5	-77.9502	33.8401	NC					
10212	-1.2	-78.0046	33.8482	NC	10284	-2.3	-77.9829	33.8399	NC					
10213	4.9	-78.538	33.848	NC	10285	-2.3	-77.9824	33.8397	NC					
10214	-1.1	-78.0041	33.848	NC	10286	-4.7	-77.9502	33.8397	NC					
10215	2.8	-77.95	33.848	NC	10287	-2.3	-77.9819	33.8395	NC					
10216	-1	-78.0035	33.8478	NC	10288	-2.3	-77.9814	33.8392	NC					
10217	6.4	-78.5385	33.8478	NC	10289	-4.4	-77.9503	33.8392	NC					
10218	-1	-78.003	33.8476	NC	10290	-2.3	-77.9809	33.839	NC					
10219	8	-78.5389	33.8475	NC	10291	-2.3	-77.9805	33.8388	NC					
10220	-1.1	-78.0025	33.8475	NC	10292	-4.2	-77.9503	33.8387	NC					
10221	2.9	-77.9501	33.8475	NC	10293	-2.3	-77.98	33.8386	NC					
10222	-1	-78.002	33.8473	NC	10294	-2.2	-77.9795	33.8383	NC					
10223	9.6	-78.5394	33.8473	NC	10295	-2.2	-77.979	33.8381	NC					