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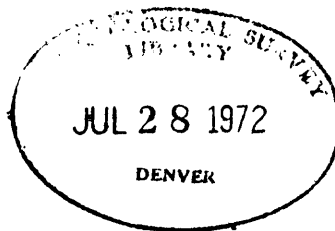
72-146

Complete Bouguer gravity map of eastern Puerto Rico
and principal facts for gravity stations

by

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Prepared in cooperation with the
Department of Public Works and Natural Resources,
Commonwealth of Puerto Rico

This report has not been edited
or reviewed for conformity to
Geological Survey standards

This report contains a contoured gravity map of eastern Puerto Rico (figure 1) and principal facts for 791 gravity stations (table 1) of which 787 were collected by the U.S. Geological Survey and 4 by the U.S. Naval Oceanographic Office. The stations were measured with LaCoste-Romberg gravity meters and were tied via a base station network to the U.S.C. and G.S. pendulum base in the House of Representatives at San Juan. The observed gravity value for this pendulum base is 978.67552 gal as determined from two ties by R. W. Bromery to the outside gravity bench at the Department of Commerce Building in Washington, D.C. using a well-calibrated LaCoste-Romberg gravity meter (G17b). The additional digit (5th decimal place) on the Puerto Rico pendulum base requires the assumption of a value of 980.11820 for the Commerce Building outside gravity bench in Washington, D.C. In general the observed gravity values for the stations of table 1 are believed to be accurate to ± 0.05 mgal relative to the San Juan base station. Terrain corrections out to a radius of 166.7 km have been applied to all stations by means of templates for the inner zones (out to either 0.895 or 1.280 km) and by means of the Plouff terrain correction program (Plouff, 1966) for the remaining outer zones. Details of the sets of gravity data are listed below:

1. 144 stations numbered discontinuously from 0001 to 0154. These data were collected by R. W. Bromery and the author in 1962. Station elevations where not available on topographic maps were surveyed by transit. All elevations are accurate to ± 0.5 m and those on the detailed road traverse are accurate to ± 0.1 m.

2. 257 stations numbered discontinuously from 1451 to 2410. These data were collected by the author and W. L. Rambo in 1964. All elevations are accurate to ± 0.5 m.
3. 386 stations numbered from 2600 to 2985. These data were collected by the author in 1972. Station elevations of about 10 percent of the stations were determined from USGS manuscript contour maps having a contour interval of 5 meters; the elevations of such stations are believed accurate to ± 3 m, for an accuracy in the simple Bouguer anomaly of ± 0.6 mgal.
4. 4 stations numbered from USN01 to USN04. These data are taken from U.S. Naval Oceanographic Office, unpublished manuscript, 1963. The amount of 0.40 mgal was subtracted from the observed gravity values in order to adjust the data to the gravity datum of this report.

The meaning of the column headings of the table is described below.

STA	Station number
LATIT	North latitude in degrees, minutes, and hundredths of minutes
LONGIT	West longitude in degrees, minutes, and hundredths of minutes
ELEV	Elevation of station in meters
OBS GRAV	Observed gravity value in milligals
F.A.	Free air anomaly in milligals
S.B. 1	Simple Bouguer anomaly in milligals for assumed density of 2.67 g/cm^3
S.B. 2	Simple Bouguer anomaly in milligals for assumed density of 2.27 "
CC	Curvature correction in milligals for an assumed density of 2.67 "
TC	Terrain correction in milligals out to a radius of either 0.895 or 1.280 km (see subtitles of table 1) for assumed density of 2.67 g/cm^3 . Calculated by hand.
TER	Terrain correction in milligals for the area between an inner radius of either 0.895 or 1.280 km (see subtitles of table 1) and an outer radius of 166.7 km for assumed density of 2.67 g/cm^3 . Calculated by computer.
(NEAR)	That part of terrain correction (TER) representing the contribution of compartments which intersect the outer circle of the hand correction (TC). This value is used to estimate the possible error generated at the transition area between the hand correction (TC) which is based on circular zones and the computer correction (TER) which is based upon blocks measuring $\frac{1}{2}'$ in latitude by $\frac{1}{2}'$ in longitude.
TOT	Total terrain correction for assumed density of 2.67 g/cm^3 .
C.B. 1	Complete Bouguer anomaly in milligals for an assumed density of 2.67 g/cm^3 .
C.B. 2	Complete Bouguer anomaly in milligals for an assumed density of 2.27 g/cm^3 .

References

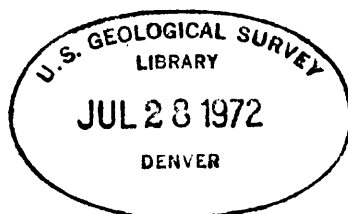
Plouff, Donald, 1966, Digital terrain corrections based on geographic coordinates [abs.]: Geophysics, v. 31, no. 6, p. 1208.

U.S. Naval Oceanographic Office, Marine Sciences Department, Field Section, Gravity Branch, 1963, Coastal gravity survey, eastern Puerto Rico, Informal manuscript report No. G-2-63, unpublished manuscript, 10 p.

20)
2.12
0.1772

Table 1

Principal facts for gravity stations in
eastern Puerto Rico



SUMMARY FOR 392 STATIONS IN PUERTO RICO EAST TO 2
 COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 1.280
 TO 166,700 KILOMETERS. DENSITIES ARE 2.67 AND 2.27 DENSITY OF 2.67 IS USED FOR
 VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
 TER-TOTAL COMPUTER CORRECTION. (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
 OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER (NEAR)	TOT	C.B.1	C.B.2	ACC	STA
0001	18 18.95	66 5.32	109.7	978675.14	151.28	139.00	140.84	0.16	0.22	7.07	7.29	146.14	146.91	0001	
0002	18 18.96	66 5.39	105.8	978675.95	150.86	139.02	140.79	0.15	0.28	7.07	7.35	146.22	146.92	0002	
0003	18 18.98	66 5.44	99.7	978676.97	149.98	138.82	140.50	0.14	0.32	7.07	7.39	146.07	146.66	0003	
0004	18 18.99	66 5.49	94.2	978678.21	149.51	138.97	140.55	0.13	0.39	7.07	7.46	146.30	146.78	0004	
0005	18 19.02	66 5.54	89.6	978678.97	148.83	138.80	140.31	0.13	0.30	7.08	7.38	146.05	146.47	0005	
0006	18 19.06	66 5.65	85.3	978679.38	148.39	138.85	140.28	0.12	0.28	7.08	7.36	146.08	146.43	0006	
0007	18 19.12	66 5.73	84.4	978680.10	148.28	138.84	140.25	0.12	0.27	7.08	7.35	146.07	146.40	0007	
0008	18 19.17	66 5.78	82.6	978680.37	147.94	138.70	140.08	0.12	0.33	7.08	7.41	145.99	146.28	0008	
0009	18 19.26	66 5.83	81.1	978680.85	147.87	138.80	140.15	0.12	0.30	7.08	7.38	146.06	146.33	0009	
0010	18 19.35	66 5.86	78.9	978681.12	147.40	138.57	139.89	0.11	0.34	7.12	7.46	145.92	146.14	0010	
0011	18 19.40	66 5.87	78.0	978681.39	147.34	138.61	139.92	0.11	0.38	7.13	7.51	146.01	146.21	0011	
0012	18 19.52	66 5.88	76.5	978682.42	147.79	139.23	140.51	0.11	0.35	7.13	7.48	146.60	146.78	0012	
0013	18 19.62	66 5.88	74.7	978681.83	146.60	138.24	139.49	0.11	0.22	7.13	7.35	145.49	145.65	0013	
0015	18 19.78	66 5.93	69.8	978683.06	146.13	138.12	139.49	0.10	0.11	7.15	7.26	145.47	145.57	0015	
0016	18 19.83	66 5.94	68.9	978683.01	145.75	138.04	139.20	0.10	0.13	7.15	7.28	145.22	145.30	0016	
0017	18 19.88	66 5.95	68.5	978683.01	145.61	137.93	139.08	0.10	0.13	7.15	7.28	145.11	145.19	0017	
0018	18 19.92	66 5.95	69.5	978682.79	145.64	137.86	139.03	0.10	0.13	7.15	7.28	145.04	145.13	0018	
0019	18 20.00	66 5.92	71.0	978682.69	145.94	138.00	139.19	0.10	0.08	7.19	7.27	145.17	145.28	0019	
0020	18 20.06	66 5.90	72.5	978682.47	146.13	138.02	139.23	0.10	0.10	7.24	7.34	145.26	145.39	0020	
0021	18 20.13	66 5.86	80.5	978680.91	146.96	137.95	139.30	0.12	0.19	7.25	7.44	145.28	145.53	0021	
0022	18 20.18	66 5.85	85.3	978679.61	147.40	137.74	139.19	0.12	0.16	7.26	7.42	145.04	145.40	0022	
0023	18 20.24	66 5.82	92.4	978678.59	148.21	137.87	139.42	0.13	0.15	7.28	7.43	145.17	145.62	0023	
0024	18 20.29	66 5.81	98.1	978677.51	148.87	137.89	139.54	0.14	0.18	7.30	7.48	145.24	145.78	0024	
0025	18 20.34	66 5.78	101.8	978676.97	149.42	138.03	139.74	0.15	0.13	7.32	7.45	145.34	145.95	0025	
0026	18 20.44	66 5.74	100.6	978678.64	150.62	139.36	141.05	0.14	0.67	7.33	8.00	147.22	147.73	0026	
0027	18 20.48	66 5.72	95.7	978678.64	149.08	138.37	139.98	0.14	0.55	7.32	7.87	146.10	146.55	0027	
0028	18 20.53	66 5.70	91.4	978679.72	148.80	138.57	140.10	0.13	0.21	7.31	7.52	145.96	146.39	0028	
0029	18 20.64	66 5.65	86.0	978681.23	148.52	138.90	140.34	0.12	0.20	7.30	7.50	146.28	146.61	0029	
0030	18 20.68	66 5.63	82.9	978681.93	148.24	138.96	140.35	0.12	0.16	7.30	7.46	146.30	146.59	0030	
0031	18 20.73	66 5.61	78.9	978682.58	147.62	138.79	140.11	0.11	0.18	7.29	7.47	146.15	146.37	0031	
0032	18 20.78	66 5.60	74.7	978683.39	147.07	138.71	139.96	0.11	0.17	7.28	7.45	146.06	146.21	0032	
0033	18 20.83	66 5.58	71.6	978683.55	146.24	138.23	139.43	0.10	0.15	7.28	7.43	145.56	145.66	0033	
0034	18 20.90	66 5.55	69.5	978684.19	146.16	138.38	139.55	0.10	0.17	7.28	7.45	145.74	145.80	0034	
0035	18 21.04	66 5.51	55.3	978686.83	144.44	138.20	139.13	0.08	0.11	7.27	7.38	145.50	145.54	0035	
0036	18 21.08	66 5.49	50.0	978687.48	143.27	137.68	138.51	0.07	0.06	7.27	7.33	144.93	144.68	0036	
0037	18 21.13	66 5.47	46.6	978688.18	142.89	137.68	138.46	0.07	0.06	7.27	7.33	144.93	144.63	0037	
0038	18 21.20	66 5.44	46.3	978689.26	143.81	138.63	139.41	0.07	0.06	7.27	7.33	144.93	145.58	0038	
0039	18 21.24	66 5.42	49.7	978687.70	143.25	137.69	138.52	0.07	0.05	7.28	7.33	144.95	144.69	0039	
0040	18 21.30	66 5.40	54.9	978686.56	143.66	137.52	138.44	0.08	0.09	7.27	7.36	144.80	144.63	0040	
0041	18 21.40	66 5.35	66.1	978684.25	144.74	137.34	138.45	0.10	0.10	7.31	7.41	144.66	144.57	0041	
0042	18 21.45	66 5.33	72.5	978683.01	145.43	137.32	138.53	0.10	0.15	7.34	7.49	144.71	144.82	0042	
0043	18 21.54	66 5.30	79.2	978681.88	146.29	137.43	138.76	0.11	0.09	7.39	7.48	144.79	145.02	0043	
0044	18 21.58	66 5.27	80.2	978681.61	146.27	137.30	138.64	0.12	0.06	7.38	7.44	144.62	144.86	0044	
0045	18 21.64	66 5.25	78.7	978681.82	146.05	137.22	138.54	0.11	0.07	7.38	7.45	144.56	144.78	0045	
0046	18 21.79	66 5.18	72.8	978683.55	145.76	137.61	138.83	0.10	0.03	7.37	7.40	144.91	145.04	0046	
0047	18 21.84	66 5.16	70.1	978684.46	145.78	137.94	139.11	0.10	0.02	7.37	7.39	145.22	145.31	0047	
0048	18 21.88	66 5.13	65.8	978685.49	145.45	138.09	139.19	0.09	0.02	7.35	7.37	145.37	145.38	0048	
0049	18 21.92	66 5.09	61.3	978686.73	145.25	138.39	139.42	0.09	0.01	7.34	7.35	145.66	145.59	0049	
0050	18 21.96	66 5.06	57.3	978687.86	145.12	138.71	139.67	0.08	0.01	7.34	7.35	145.97	145.84	0050	
0051	18 22.01	66 5.02	57.3	978688.13	145.34	138.93	139.89	0.08	0.0	7.35	7.35	146.19	146.06	0051	
0052	18 22.05	66 4.99	62.8	978687.05	145.92	138.69	139.95	0.09	0.0	7.38	7.38	146.18	146.14	0052	
0053	18 22.08	66 4.95	68.3	978686.13	146.67	139.03	140.17	0.10	0.01	7.41	7.42	146.35	146.39	0053	
0054	18 22.13	66 4.93	70.1	978685.97	147.03	139.19	140.36	0.10	0.0	7.43	7.43	146.51	146.59	0054	

0055	18	22.17	66	4.88	70.1	978686.19	147.21	139.27	140.54	0.10	0.0	7.45	0.01	7.45	146.71	146.79	0055
0056	18	22.22	66	4.85	68.6	978686.83	147.34	139.66	140.81	0.10	0.0	7.45	0.01	7.45	147.02	147.07	0056
0057	18	22.25	66	4.81	65.8	978687.75	147.38	140.67	141.12	0.09	0.0	7.44	0.00	7.44	147.37	147.37	0057
0058	18	22.28	66	4.77	64.0	978688.18	147.22	140.66	141.13	0.09	0.0	7.44	0.00	7.44	147.41	147.38	0058
0059	18	22.33	66	4.73	64.0	978688.34	147.34	140.18	141.25	0.09	0.0	7.45	0.00	7.45	147.54	147.51	0059
0060	18	22.37	66	4.69	64.6	978688.50	147.65	140.42	141.50	0.09	0.01	7.46	0.01	7.47	147.80	147.78	0060
0061	18	22.41	66	4.65	63.1	978688.72	147.36	140.30	141.36	0.09	0.01	7.46	0.01	7.47	147.68	147.63	0061
0062	18	22.56	66	4.47	50.3	978692.33	146.88	141.25	142.09	0.07	0.01	7.44	0.00	7.45	148.63	148.37	0062
0063	18	18.86	66	5.38	107.0	978675.30	150.67	138.70	140.49	0.15	0.16	7.07	0.02	7.23	145.78	146.51	0063
0064	18	18.91	66	5.51	87.5	978679.13	148.52	133.73	140.20	0.13	1.36	7.09	0.04	8.45	147.06	147.28	0064
0065	18	18.74	66	5.56	86.3	978679.45	148.53	138.87	140.32	0.12	1.36	7.11	0.04	8.47	147.22	147.41	0065
0066	18	18.67	66	5.62	88.7	978678.86	148.76	138.83	140.32	0.13	0.68	7.09	0.06	7.77	146.47	146.82	0066
0068	18	18.47	66	5.55	90.8	978678.43	149.16	139.00	140.52	0.13	0.40	7.06	0.06	7.46	146.33	146.75	0068
0069	18	18.36	66	5.52	91.1	978678.16	149.09	138.90	140.42	0.13	0.31	7.08	0.06	7.39	146.16	146.60	0069
0070	18	18.22	66	5.63	110.9	978674.60	151.77	139.36	141.22	0.16	0.13	7.05	0.03	7.18	146.39	147.19	0070
0071	18	18.10	66	5.68	128.3	978671.48	154.12	139.76	141.91	0.18	0.24	7.08	0.08	7.32	146.90	147.98	0071
0072	18	18.07	66	5.70	133.5	978670.83	155.09	140.15	142.39	0.19	0.28	7.09	0.08	7.37	147.33	148.49	0072
0073	18	18.03	66	5.73	135.9	978670.19	155.24	140.03	142.31	0.19	0.29	7.10	0.07	7.39	147.23	148.43	0073
0074	18	17.99	66	5.74	141.4	978669.27	156.05	140.23	142.60	0.20	0.26	7.12	0.07	7.38	147.40	148.70	0074
0075	18	17.95	66	5.76	148.7	978667.28	156.36	139.72	142.21	0.21	0.30	7.13	0.06	7.43	146.94	148.35	0075
0076	18	17.92	66	5.81	151.8	978666.85	156.89	139.50	142.45	0.21	1.00	7.15	0.07	8.15	147.84	149.19	0076
0077	18	17.91	66	5.86	161.5	978665.12	158.18	140.11	142.82	0.23	0.84	7.17	0.06	8.01	147.89	149.43	0077
0078	18	17.90	66	5.93	172.2	978662.75	159.12	139.65	142.74	0.24	0.93	7.19	0.07	8.12	147.73	149.44	0078
0079	18	17.85	66	5.97	182.0	978660.43	159.85	139.48	142.54	0.25	0.80	7.23	0.07	8.03	147.26	149.15	0079
0080	18	17.82	66	5.93	189.3	978659.14	160.85	139.67	142.84	0.26	0.87	7.25	0.07	8.12	147.53	149.52	0080
0081	18	17.77	66	5.92	196.9	978657.85	161.95	139.92	143.22	0.27	1.07	7.29	0.06	8.36	148.00	150.09	0081
0082	18	17.70	66	5.93	206.4	978655.86	162.94	139.84	143.30	0.29	1.10	7.34	0.06	8.44	148.00	150.23	0082
0083	18	17.63	66	5.94	217.3	978653.70	164.23	139.91	143.56	0.30	0.90	7.39	0.13	8.29	147.91	150.35	0083
0084	18	17.59	66	5.95	226.2	978652.51	165.81	140.50	144.29	0.31	0.79	7.44	0.13	8.23	148.42	151.02	0084
0085	18	17.55	66	5.96	229.8	978651.44	165.90	140.19	144.04	0.32	0.48	7.46	0.14	7.94	147.81	150.52	0085
0086	18	17.43	66	5.94	242.6	978648.47	166.99	139.84	143.91	0.33	1.57	7.57	0.14	9.14	148.65	151.39	0086
0087	18	17.39	66	5.95	251.5	978646.48	167.77	139.63	143.84	0.35	1.14	7.62	0.14	8.76	148.04	150.99	0087
0088	18	17.36	66	5.93	260.6	978643.79	167.93	138.77	143.14	0.36	0.95	7.67	0.14	8.62	147.03	150.16	0088
0089	18	17.32	66	5.90	266.1	978643.03	168.89	139.11	143.57	0.36	1.28	7.70	0.14	8.98	147.73	150.90	0089
0090	18	17.28	66	5.86	272.8	978642.01	169.98	139.45	144.03	0.37	1.25	7.75	0.09	9.00	148.08	151.36	0090
0091	18	17.27	66	5.95	287.4	978638.88	171.38	139.22	144.04	0.39	1.67	7.87	0.09	9.54	148.37	151.81	0091
0092	18	17.22	66	5.96	294.1	978637.59	172.20	139.29	144.22	0.40	0.75	7.91	0.10	8.66	147.55	151.25	0092
0093	18	17.18	66	5.94	302.4	978635.54	172.73	138.65	143.96	0.41	1.34	7.98	0.14	9.32	147.80	151.54	0093
0094	18	17.14	66	5.93	309.7	978634.47	173.95	139.30	144.49	0.42	1.26	8.04	0.14	9.30	148.17	152.04	0094
0095	18	17.10	66	5.95	315.8	978633.17	174.57	139.23	144.53	0.43	1.14	8.08	0.15	9.22	148.03	152.01	0095
0096	18	17.07	66	5.95	323.4	978631.83	175.61	139.42	144.84	0.44	1.11	8.16	0.16	9.27	148.26	152.35	0096
0097	18	17.03	66	5.98	333.5	978629.99	176.91	139.59	145.18	0.45	0.56	8.25	0.17	8.81	147.96	152.30	0097
0098	18	17.00	66	6.01	339.2	978628.38	177.11	139.15	144.84	0.46	1.05	8.30	0.16	9.35	148.05	152.41	0098
0099	18	16.95	66	6.02	347.5	978626.87	178.19	139.31	145.13	0.47	1.17	8.38	0.14	9.55	148.39	152.85	0099
0100	18	16.91	66	6.02	356.3	978625.09	179.17	139.30	145.27	0.48	1.21	8.47	0.15	9.68	148.51	153.10	0100
0101	18	16.87	66	6.02	374.6	978621.48	181.24	139.32	145.60	0.50	1.29	8.71	0.13	10.00	148.82	153.68	0101
0102	18	16.73	66	5.93	392.6	978617.93	183.37	139.44	146.02	0.52	0.33	8.95	0.11	9.28	148.19	153.45	0102
0103	18	16.64	66	5.94	409.0	978614.86	185.46	139.69	146.55	0.54	0.92	9.18	0.21	10.10	149.26	154.68	0103
0104	18	16.61	66	5.97	417.3	978612.81	185.98	139.29	146.28	0.55	1.36	9.31	0.24	10.67	149.41	154.89	0104
0105	18	16.57	66	5.96	422.5	978611.68	186.48	139.20	146.29	0.56	1.13	9.39	0.26	10.52	149.17	154.76	0105
0106	18	16.53	66	5.87	428.9	978611.14	187.95	139.96	147.15	0.56	0.39	9.56	0.32	9.95	149.34	155.13	0106
0107	18	16.48	66	5.83	432.8	978610.22	188.30	139.87	147.13	0.57	0.52	9.63	0.33	10.15	149.46	155.28	0107
0108	18	16.38	66	5.78	438.9	978608.44	188.49	139.38	146.74	0.57	0.77	9.75	0.35	10.52	149.32	155.19	0108
0109	18	16.34	66	5.81	436.8	978609.04	188.47	139.59	146.92	0.57	0.90	9.69	0.31	10.58	149.60	155.42	0109
0110	18	16.28	66	5.83	435.6	978609.25	188.36	139.62	146.92	0.57	0.98	9.62	0.22	10.60	149.65	155.45	0110
0111	18	16.25	66	5.85	428.5	978611.14	188.11	140.16	147.35	0.56	0.69	9.46	0.21	10.15	149.75	155.49	0111
0112	18	16.16	66	5.83	419.1	978613.51	187.64	140.74	147.77	0.55	0.52	9.28	0.25	9.80	149.99	155.63	0112
0113	18	16.13	66	5.82	416.4	978614.10	187.41	140.82	147.80	0.55	0.97	9.23	0.24	10.20	150.46	156.00	0113
0114	18	16.06	66	5.77	398.4	978618.25	186.07	141.45	148.17	0.53	1.98	8.93	0.23	10.91	151.87	156.99	0114
0115	18	16.03	66	5.83	390.8	978619.70	185.20	141.47	148.02	0.52	2.07	8.77	0.22	10.84	151.80	156.80	0115
0116	18	15.99	66	5.78	381.3	978621.85	184.48	141.81	148.21	0.51	1.58	8.65	0.19	10.23	151.53	156.47	0116

0117	18	15.97	66	5.73	371.6	978623.64	183.26	141.68	147.91	0.50	2.54	8.52	0.16	11.06	152.24	156.89	0117
0118	18	15.93	66	5.81	354.5	978626.71	181.10	141.43	147.37	0.47	2.39	8.26	0.14	10.65	151.61	156.03	0118
0119	18	15.92	66	5.89	340.2	978630.26	180.24	142.17	147.88	0.46	2.61	8.07	0.11	10.68	152.39	156.56	0119
0120	18	15.88	66	5.99	310.3	978636.03	176.82	142.10	147.30	0.42	2.28	7.75	0.09	10.03	151.71	155.47	0120
0121	18	15.84	66	6.08	291.4	978640.39	175.39	142.78	147.67	0.40	1.35	7.60	0.09	8.95	151.34	154.94	0121
0122	18	15.77	66	6.11	274.3	978643.19	172.98	142.29	146.88	0.37	1.66	7.54	0.09	9.20	151.12	154.39	0122
0123	18	15.82	66	6.18	259.7	978646.21	171.44	142.38	146.78	0.36	2.37	7.43	0.09	8.85	151.87	154.80	0123
0124	18	15.74	66	6.29	245.4	978649.55	170.43	142.97	147.08	0.34	0.93	7.47	0.12	8.40	151.03	153.94	0124
0125	18	15.68	66	6.19	239.0	978651.17	170.12	143.38	147.38	0.33	0.88	7.46	0.14	8.34	151.38	154.19	0125
0126	18	15.61	66	6.20	253.3	978648.80	172.24	143.90	148.14	0.35	0.61	7.47	0.14	8.08	151.63	154.72	0126
0127	18	15.53	66	6.22	259.4	978646.91	172.30	143.27	147.62	0.36	0.28	7.50	0.13	7.78	150.70	153.94	0127
0128	18	15.99	66	8.22	206.0	978656.29	164.81	141.76	145.21	0.29	1.39	7.70	0.23	9.09	150.56	152.70	0128
0129	18	16.64	66	8.36	172.2	978659.73	157.22	137.95	140.84	0.24	3.73	7.94	0.38	11.67	149.38	150.56	0129
0130	18	17.42	66	8.43	119.8	978671.75	152.36	138.95	140.96	0.17	3.08	8.12	0.56	11.20	149.98	150.34	0130
0131	18	18.04	66	8.29	89.3	978679.56	150.21	140.22	141.71	0.13	1.29	7.80	0.25	9.09	149.18	149.33	0131
0132	18	18.45	66	8.86	135.3	978670.51	155.00	139.86	142.13	0.19	0.69	7.68	0.15	8.37	148.04	149.08	0132
0133	18	18.87	66	8.95	110.9	978677.19	153.78	141.37	143.23	0.16	0.80	7.51	0.08	8.31	149.53	150.16	0133
0136	18	21.90	66	6.16	29.0	978690.39	138.95	135.70	136.19	0.04	0.01	7.29	0.01	7.30	142.96	142.36	0136
0137	18	21.55	66	6.67	47.2	978685.00	139.52	134.24	135.03	0.07	0.08	7.31	0.00	7.39	141.56	141.25	0137
0138	18	22.37	66	6.54	34.7	978688.77	138.70	134.82	135.40	0.05	0.01	7.38	0.00	7.39	142.15	141.64	0138
0139	18	21.43	66	7.20	33.5	978688.02	138.41	134.66	135.22	0.05	0.05	7.29	0.01	7.34	141.96	141.42	0139
0140	18	20.56	66	6.32	86.0	978679.72	147.08	137.46	138.90	0.12	0.05	7.32	0.02	7.37	144.70	145.06	0140
0142	18	20.80	66	4.73	113.1	978675.20	150.72	138.06	139.96	0.16	0.18	7.37	0.01	7.55	145.46	146.25	0142
0143	18	19.79	66	4.67	164.0	978663.88	156.02	137.67	140.42	0.23	0.35	7.45	0.02	7.80	145.23	146.85	0143
0144	18	18.48	66	6.26	96.6	978675.63	148.14	137.33	138.95	0.14	0.16	7.16	0.05	7.32	144.51	145.06	0144
0145	18	17.90	66	7.00	181.7	978658.06	157.34	137.01	140.55	0.25	0.26	7.30	0.06	7.56	144.32	146.27	0145
0146	18	16.90	66	6.78	511.2	978587.27	189.15	131.95	140.52	0.66	6.92	11.40	0.69	18.32	149.61	155.53	0146
0147	18	16.04	66	5.09	418.8	978611.73	185.88	139.02	146.04	0.55	3.81	9.67	0.49	13.48	151.95	157.03	0147
0148	18	15.01	66	4.81	103.6	978677.94	155.71	144.12	145.85	0.15	0.39	7.23	0.12	7.62	151.59	152.20	0148
0154	18	18.64	66	4.55	104.5	978676.17	150.99	139.30	141.05	0.15	0.24	6.99	0.06	7.23	146.38	147.07	0154
1451	18	24.88	66	7.68	11.0	978687.95	128.29	127.06	127.24	0.02	0.02	8.05	0.01	8.07	135.11	134.09	1451
1467	18	19.57	66	12.39	91.6	978684.60	154.57	144.32	145.86	0.13	0.89	7.50	0.04	8.39	152.58	152.87	1467
1468	18	22.96	65	58.07	13.5	978699.32	142.16	140.65	140.88	0.02	0.0	7.26	0.00	7.26	147.89	147.03	1468
1471	18	20.37	65	57.47	120.0	978679.53	157.56	144.13	146.14	0.17	0.13	7.30	0.02	7.43	151.39	152.32	1471
1472	18	24.28	66	4.27	11.0	978699.15	140.03	138.80	138.98	0.02	0.0	7.79	0.00	7.79	146.57	145.59	1472
1474	18	25.06	66	11.13	29.0	978673.33	119.06	115.81	116.30	0.04	0.05	8.16	0.01	8.21	123.99	123.25	1474
1488	18	26.13	66	55.92	183.9	978624.03	116.64	96.06	99.14	0.26	0.10	9.43	0.01	9.53	105.33	107.03	1488
1496	18	20.69	65	50.46	41.0	978695.62	148.98	144.39	145.08	0.06	0.32	8.34	0.17	8.66	152.99	152.39	1496
1498	18	26.07	65	52.84	2.2	978697.03	133.58	133.33	133.37	0.00	0.0	8.24	0.00	8.24	141.57	140.37	1498
1499	18	25.17	65	50.76	1.7	978699.22	136.43	136.24	136.27	0.00	0.0	7.86	0.00	7.86	144.09	142.95	1499
1500	18	22.66	65	50.48	20.0	978700.74	145.67	143.43	143.77	0.03	0.0	7.50	0.00	7.50	150.90	150.12	1500
1501	18	23.13	65	45.34	0.8	978702.76	141.52	141.43	141.44	0.00	0.0	7.41	0.01	7.41	148.84	147.74	1501
1502	18	21.29	65	47.28	244.9	978650.85	166.63	139.23	143.33	0.34	1.51	9.45	0.16	10.96	147.85	152.36	1502
1503	18	25.79	65	59.41	1.5	978691.91	128.50	128.33	128.36	0.00	0.0	8.25	0.00	8.25	136.58	135.37	1503
1504	18	27.08	65	57.52	0.5	978679.20	114.32	114.26	114.27	0.00	0.0	8.86	0.00	8.86	123.12	121.80	1504
1505	18	23.68	65	54.81	3.1	978701.67	140.65	140.30	140.36	0.00	0.07	7.48	0.00	7.55	147.85	146.77	1505
1506	18	21.02	65	53.86	34.4	978696.71	147.73	143.88	144.46	0.05	0.19	7.37	0.03	7.56	151.39	150.84	1506
1507	18	20.50	65	59.62	51.6	978693.11	149.97	144.17	145.04	0.07	0.49	6.96	0.01	7.45	151.55	151.31	1507
1508	18	27.13	66	3.15	2.1	978682.37	117.94	117.71	117.74	0.00	0.0	8.96	0.00	8.96	126.66	125.36	1508
1509	18	23.93	66	0.65	28.5	978695.31	141.91	138.72	139.20	0.04	0.0	7.61	0.01	7.61	146.29	145.63	1509
1510	18	25.71	66	5.70	0.3	978691.96	128.25	128.22	128.22	0.00	0.0	8.30	0.00	8.30	136.52	135.28	1510
1511	18	23.04	66	6.53	63.2	978693.43	141.53	134.46	135.52	0.09	0.02	7.64	0.01	7.66	142.03	141.95	1511
1513	18	20.67	66	3.05	100.0	978693.06	154.65	143.46	145.14	0.14	0.09	7.21	0.01	7.30	150.62	151.22	1513
1514	18	27.34	66	9.24	1.5	978676.47	111.66	111.49	111.52	0.00	0.0	9.15	0.00	9.15	120.64	119.30	1514
1516	18	27.30	66	14.21	2.2	978672.34	107.79	107.54	107.58	0.00	0.0	9.26	0.00	9.26	116.80	115.45	1516
1517	18	28.15	66	11.97	2.0	978668.85	103.47	103.25	103.28	0.00	0.0	9.83	0.00	9.83	113.07	111.63	1517
1519	18	21.68	66	11.42	95.9	978682.75	152.17	141.44	143.05	0.14	0.46	7.62	0.02	8.08	149.39	149.80	1519
1520	18	22.03	66	13.65	45.3	978694.96	148.45	143.38	144.14	0.07	0.48	7.55	0.01	8.03	151.34	150.91	1520
1521	18	16.99	66	12.53	84.4	978680.18	150.24	140.80	142.21	0.12	2.92	9.31	0.56	12.23	152.91	152.51	1521
1562	18	28.53	66	51.13	86.0	978626.50	86.71	77.09	78.53	0.12	0.08	10.42	0.03	10.50	87.46	87.35	1562
1601	18	21.70	65	46.18	16.2	978698.51	143.31	141.50	141.77	0.02	0.15	7.87	0.04	8.02	149.50	148.57	1601

1602	18	21.16	65	45.90	27.9	978694.91	143.80	140.43	141.15	0.04	0.23	8.31	0.24	8.54	149.18	148.38	1602
1603	18	20.54	65	45.61	163.6	978665.46	156.79	138.43	141.23	0.23	0.93	8.58	0.19	9.51	147.77	149.12	1603
1604	18	22.23	65	46.77	26.0	978697.69	145.04	142.13	142.57	0.04	0.08	7.70	0.02	7.78	147.87	149.15	1604
1605	18	23.99	65	45.75	0.5	978601.72	139.62	139.15	139.57	0.00	0.0	7.57	0.00	7.57	147.13	146.01	1605
1606	18	24.58	65	46.28	1.3	978700.31	137.93	137.73	137.81	0.00	0.0	7.62	0.00	7.62	145.40	144.28	1606
1607	18	24.63	65	47.00	0.0	978700.31	137.48	137.43	137.48	0.0	0.0	7.60	0.00	7.60	145.08	143.94	1607
1608	18	23.41	65	46.65	112.0	978679.42	152.26	139.73	141.60	0.16	1.65	8.15	0.14	9.80	149.37	149.80	1608
1610	18	22.54	65	46.76	46.0	978693.60	146.85	141.70	142.47	0.07	0.08	7.61	0.01	7.69	149.33	148.96	1610
1611	18	22.74	65	47.56	17.0	978700.03	144.15	142.23	142.53	0.02	0.07	7.53	0.01	7.60	149.82	148.97	1611
1612	18	22.72	65	49.00	22.0	978701.94	147.62	145.15	145.53	0.03	0.27	7.48	0.00	7.75	152.88	152.09	1612
1613	18	22.92	65	49.97	14.5	978702.60	145.78	144.16	144.40	0.02	0.0	7.45	0.00	7.45	151.59	150.72	1613
1614	18	23.62	65	49.51	2.1	978703.80	142.53	142.30	142.33	0.00	0.0	7.42	0.00	7.42	149.71	148.64	1614
1615	18	23.88	65	48.94	1.1	978703.03	141.21	141.09	141.11	0.00	0.0	7.52	0.00	7.52	148.61	147.50	1615
1616	18	22.61	65	51.43	32.0	978698.18	147.04	143.46	144.00	0.05	0.22	7.45	0.01	7.67	151.08	150.48	1616
1617	18	24.57	65	49.62	0.9	978700.36	137.87	137.77	137.78	0.00	0.0	7.66	0.00	7.66	145.43	144.30	1617
1618	18	25.06	65	49.65	1.2	978699.38	136.53	136.43	136.42	0.00	0.0	7.83	0.00	7.83	144.23	143.07	1618
1619	18	25.79	65	49.94	0.7	978697.42	133.76	133.63	133.69	0.00	0.0	8.10	0.00	8.10	141.78	140.58	1619
1620	18	24.78	65	48.33	0.3	978699.65	136.78	136.75	136.75	0.00	0.0	7.66	0.00	7.66	144.41	143.26	1620
1621	18	25.31	65	49.28	0.2	978698.56	135.18	135.15	135.16	0.00	0.0	7.90	0.00	7.90	143.05	141.87	1621
1622	18	25.58	65	50.61	2.0	978698.23	135.17	134.95	134.98	0.00	0.0	7.98	0.00	7.98	142.93	141.77	1622
1623	18	26.07	65	50.81	1.0	978696.00	132.19	132.33	132.09	0.00	0.0	8.25	0.00	8.25	140.32	139.10	1623
1624	18	26.25	65	51.66	0.3	978695.18	130.99	130.95	130.96	0.00	0.0	8.32	0.00	8.32	139.27	138.03	1624
1625	18	25.28	65	51.79	0.4	978698.78	135.49	135.45	135.45	0.00	0.0	7.90	0.00	7.90	143.35	142.17	1625
1626	18	24.93	65	51.41	1.5	978699.43	136.79	136.62	136.65	0.00	0.0	7.83	0.00	7.83	144.45	143.30	1626
1627	18	24.02	65	52.09	1.1	978702.81	140.87	140.75	140.77	0.00	0.0	7.54	0.00	7.54	143.29	142.18	1627
1628	18	23.63	65	51.78	3.2	978702.92	141.98	141.52	141.68	0.00	0.0	7.47	0.00	7.47	149.09	148.02	1628
1629	18	23.63	65	51.19	0.8	978704.50	142.81	142.72	142.73	0.00	0.0	7.47	0.00	7.47	150.19	149.09	1629
1630	18	23.17	65	50.73	2.3	978704.50	143.69	143.43	143.47	0.00	0.0	7.49	0.00	7.49	150.92	149.83	1630
1631	18	23.00	65	52.32	13.0	978700.74	143.38	141.93	142.14	0.02	0.0	7.39	0.00	7.39	149.30	148.41	1631
1632	18	23.26	65	53.46	6.0	978701.45	141.70	141.03	141.13	0.01	0.0	7.37	0.00	7.37	148.39	147.39	1632
1633	18	23.72	65	52.98	7.5	978700.91	141.21	140.37	140.50	0.01	0.0	7.51	0.00	7.51	147.87	146.88	1633
1634	18	22.83	65	54.17	11.9	978699.82	142.28	140.95	141.15	0.02	0.0	7.30	0.00	7.30	148.23	147.34	1634
1635	18	22.73	65	55.02	7.5	978700.74	141.93	141.09	141.22	0.01	0.0	7.28	0.00	7.28	149.36	147.39	1635
1636	18	25.41	65	53.44	0.3	978699.49	136.05	136.02	136.02	0.00	0.0	8.01	0.00	8.01	144.03	142.83	1636
1637	18	24.81	65	54.07	2.6	978701.18	138.99	138.70	138.74	0.00	0.0	7.83	0.00	7.83	146.53	145.40	1637
1638	18	24.17	65	54.57	0.3	978702.05	139.73	139.70	139.70	0.00	0.04	7.54	0.00	7.58	147.27	146.14	1638
1639	18	23.89	65	53.93	4.0	978701.23	140.30	139.85	139.92	0.01	0.0	7.40	0.00	7.40	147.25	146.21	1639
1640	18	24.82	65	53.44	2.5	978700.47	138.24	137.95	138.00	0.00	0.0	7.81	0.00	7.81	145.77	144.64	1640
1641	18	25.35	65	52.52	3.0	978698.23	135.67	135.33	135.38	0.00	0.0	7.97	0.00	7.97	143.30	142.16	1641
1642	18	20.61	65	53.51	52.3	978693.44	150.35	144.50	145.37	0.08	0.11	7.49	0.04	7.60	152.02	151.77	1642
1643	18	20.25	65	53.37	48.2	978693.76	149.74	144.35	145.15	0.07	0.34	7.62	0.07	7.96	152.23	151.86	1643
1644	18	19.63	65	53.39	60.7	978690.65	151.04	144.23	145.27	0.09	0.65	7.88	0.14	8.53	152.69	152.44	1644
1645	18	19.10	65	53.53	86.0	978685.75	154.42	144.80	146.24	0.12	0.73	7.93	0.22	8.66	153.34	153.50	1645
1646	18	22.28	65	54.10	13.0	978699.87	143.16	141.71	141.92	0.02	0.0	7.26	0.00	7.26	148.94	148.08	1646
1647	18	27.62	65	59.55	0.3	978674.79	109.36	109.33	109.33	0.00	0.0	9.30	0.00	9.30	118.63	117.24	1647
1648	18	27.12	65	59.86	1.0	978679.20	114.44	114.33	114.34	0.00	0.0	8.92	0.00	8.92	123.25	121.93	1648
1649	18	27.60	65	58.83	2.0	978673.80	108.92	108.70	108.73	0.00	0.04	9.27	0.00	9.31	113.00	116.64	1649
1650	18	27.44	65	58.30	0.7	978675.39	110.25	110.17	110.18	0.00	0.01	9.17	0.01	9.18	119.35	117.99	1650
1651	18	26.80	65	57.94	0.6	978663.07	118.48	118.41	118.42	0.00	0.0	8.69	0.00	8.69	127.10	125.81	1651
1652	18	26.67	65	57.44	0.3	978684.60	120.03	120.03	120.00	0.00	0.0	8.61	0.00	8.61	128.61	127.32	1652
1653	18	27.11	65	56.92	1.0	978679.75	115.00	114.83	114.90	0.00	0.0	8.87	0.00	8.87	123.76	122.45	1653
1654	18	26.92	65	55.89	3.3	978682.69	118.92	118.45	118.51	0.00	0.0	8.73	0.00	8.73	127.13	125.93	1654
1655	18	26.77	65	55.49	4.1	978686.29	122.60	122.34	122.41	0.01	0.0	8.65	0.00	8.65	130.98	129.76	1655
1656	18	21.80	65	49.15	61.6	978692.89	151.61	144.72	145.75	0.09	0.54	7.80	0.01	8.34	152.97	152.76	1656
1657	18	21.55	65	52.19	88.1	978686.13	153.26	143.40	144.88	0.13	0.04	7.64	0.02	7.68	150.96	151.30	1657
1658	18	25.52	65	54.02	1.2	978699.27	136.01	135.83	135.90	0.00	0.0	8.06	0.00	8.06	143.93	142.74	1658
1659	18	25.78	65	53.53	1.6	978698.40	135.03	134.85	134.88	0.00	0.0	8.15	0.00	8.15	143.00	141.81	1659
1660	18	25.88	65	54.29	1.2	978697.31	133.72	133.59	133.61	0.00	0.0	8.19	0.00	8.19	141.78	140.57	1660
1661	18	26.44	65	53.23	3.4	978694.20	130.80	130.42	130.48	0.00	0.0	8.49	0.00	8.49	138.90	137.69	1661
1662	18	26.47	65	53.76	0.4	978694.63	130.27	130.23	130.23	0.00	0.0	8.44	0.00	8.44	138.67	137.41	1662
1663	18	27.03	65	53.75	0.5	978688.36	123.52	123.45	123.47	0.00	0.0	8.84	0.00	8.84	132.31	130.99	1663

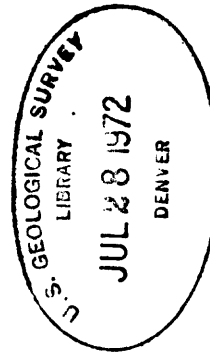
1664	18	26.99	55	54.38	1.5	978688.36	123.87	123.70	123.73	0.00	0.0	8.83	0.00	8.83	132.53	131.23	1664
1665	18	26.82	65	54.99	3.0	978688.25	124.37	124.01	124.08	0.00	0.0	8.75	0.00	8.75	132.78	131.52	1665
1666	18	21.45	65	55.54	101.2	978682.37	153.63	142.31	144.00	0.14	1.12	7.51	0.05	8.63	150.79	151.22	1666
1667	18	18.57	65	56.01	365.9	978626.64	182.20	141.26	147.39	0.49	2.81	9.50	0.36	12.31	153.07	157.44	1667
1668	18	22.99	65	57.47	18.4	978699.05	143.38	141.31	141.63	0.03	0.0	7.33	0.00	7.33	148.63	147.84	1668
1669	18	23.91	65	57.26	8.1	978701.18	141.50	140.59	140.73	0.01	0.0	7.54	0.00	7.54	148.12	147.13	1669
1670	18	24.23	65	55.93	6.4	978701.51	141.02	140.30	140.41	0.01	0.0	7.63	0.00	7.63	147.93	146.89	1670
1671	18	24.63	65	57.05	6.0	978699.98	139.00	138.33	138.43	0.01	0.0	7.72	0.00	7.72	146.04	144.99	1671
1672	18	25.31	65	57.20	2.4	978695.73	133.03	132.76	132.80	0.00	0.0	7.97	0.00	7.97	140.72	139.57	1672
1673	18	25.93	65	57.44	0.8	978690.44	126.69	126.60	126.61	0.00	0.0	8.22	0.00	8.22	134.82	133.60	1673
1674	18	25.39	65	56.16	0.4	978696.65	133.26	133.22	133.22	0.00	0.0	8.01	0.00	8.01	141.23	140.04	1674
1675	18	25.72	65	56.46	0.7	978694.25	130.66	130.58	130.59	0.00	0.0	8.13	0.00	8.13	138.71	137.51	1675
1676	18	21.33	65	58.00	110.0	978681.55	155.65	143.34	145.19	0.16	0.65	7.44	0.06	8.09	151.27	151.93	1676
1677	18	23.59	65	58.88	27.4	978696.54	143.10	140.03	140.49	0.04	0.01	7.42	0.00	7.42	147.42	146.78	1677
1678	18	24.27	65	58.49	20.0	978696.60	140.27	138.03	138.37	0.03	0.01	7.66	0.00	7.66	145.68	144.87	1678
1679	18	24.48	65	59.06	14.6	978697.47	139.28	137.65	137.89	0.02	0.0	7.67	0.00	7.67	145.30	144.40	1679
1680	18	25.05	65	58.69	0.6	978698.62	135.60	135.53	135.54	0.00	0.0	7.87	0.00	7.87	143.40	142.23	1680
1681	18	26.37	65	59.13	0.1	978685.91	121.54	121.53	121.53	0.00	0.0	8.49	0.00	8.49	130.02	128.75	1681
1682	18	26.93	65	59.37	0.1	978681.22	116.35	116.34	116.34	0.00	0.0	8.77	0.00	8.77	125.11	123.80	1682
1683	18	19.80	65	59.27	55.7	978692.34	151.03	144.80	145.73	0.08	0.27	7.04	0.01	7.31	152.03	151.88	1683
1684	18	18.70	65	59.13	202.0	978661.15	165.98	143.38	146.76	0.28	1.81	7.68	0.11	9.49	152.58	154.59	1684
1685	18	21.40	66	0.47	21.5	978698.78	145.48	143.07	143.43	0.03	0.02	7.10	0.01	7.12	150.16	149.46	1685
1686	18	19.78	66	1.05	39.7	978695.62	149.39	144.95	145.61	0.06	0.86	6.98	0.06	7.84	152.73	152.23	1686
1687	18	18.40	66	1.91	39.8	978693.38	148.41	143.96	144.62	0.05	0.50	6.95	0.08	7.45	151.35	150.91	1687
1688	18	21.95	66	0.53	31.3	978696.93	146.17	142.67	143.19	0.05	0.08	7.17	0.01	7.25	149.87	149.32	1688
1689	18	22.82	66	0.08	47.0	978693.00	146.31	141.05	141.84	0.07	0.08	7.29	0.00	7.37	148.35	148.05	1689
1690	18	22.75	66	1.30	67.0	978690.00	149.54	142.04	143.17	0.10	0.04	7.43	0.00	7.47	149.42	149.44	1690
1691	18	23.49	66	1.87	50.0	978692.34	145.97	140.30	141.21	0.07	0.02	7.58	0.01	7.60	147.90	147.61	1691
1692	18	23.81	66	1.90	40.9	978693.05	143.58	139.00	139.69	0.06	0.0	7.68	0.01	7.68	146.62	146.17	1692
1693	18	26.87	66	1.88	0.3	978682.86	118.11	118.08	118.08	0.00	0.0	9.83	0.00	9.83	126.91	125.59	1693
1694	18	26.89	66	1.02	0.6	978682.20	117.53	117.46	117.47	0.00	0.0	8.78	0.00	8.78	126.24	124.94	1694
1695	18	26.87	66	0.20	0.6	978681.60	116.94	116.87	116.88	0.00	0.0	8.80	0.00	8.80	125.67	124.36	1695
1696	18	26.26	66	0.95	0.3	978687.27	123.07	123.04	123.04	0.00	0.0	8.48	0.00	8.48	131.51	130.25	1696
1697	18	25.79	66	0.45	0.7	978692.51	128.85	128.77	128.78	0.00	0.0	8.23	0.00	8.23	137.00	135.78	1697
1698	18	27.40	66	2.36	0.4	978679.64	114.44	114.40	114.40	0.00	0.0	9.17	0.00	9.17	123.56	122.19	1698
1699	18	27.38	66	3.49	0.8	978681.00	115.94	115.85	115.86	0.00	0.0	9.17	0.00	9.17	125.02	123.66	1699
1700	18	27.56	66	3.98	0.6	978681.28	116.00	115.93	115.94	0.00	0.0	9.29	0.00	9.29	125.22	123.84	1700
1701	18	27.59	66	4.49	1.0	978681.22	116.04	115.93	115.94	0.00	0.0	9.32	0.00	9.32	125.25	123.87	1701
1702	18	28.17	66	5.37	0.3	978679.53	113.61	113.56	113.58	0.00	0.02	9.79	0.00	9.81	123.39	121.93	1702
1703	18	28.23	66	6.78	0.4	978677.29	111.34	111.30	111.30	0.00	0.25	9.84	0.00	10.09	121.39	119.88	1703
1704	18	27.68	66	7.03	0.2	978680.51	115.00	114.98	114.98	0.00	0.02	9.39	0.00	9.41	124.39	122.96	1704
1705	18	28.10	66	6.38	7.5	978677.08	113.44	112.60	112.73	0.01	0.05	9.76	0.01	9.81	122.40	121.06	1705
1706	18	27.64	66	5.24	3.7	978681.06	116.66	116.25	116.31	0.01	0.0	9.38	0.00	9.38	125.62	124.28	1706
1707	18	27.67	66	6.11	2.5	978681.06	115.72	115.44	115.48	0.00	0.02	9.43	0.00	9.45	124.89	123.52	1707
1708	18	27.15	66	5.93	0.2	978683.78	118.75	118.73	118.73	0.00	0.0	9.08	0.00	9.08	127.80	126.45	1708
1709	18	26.97	66	4.45	2.1	978684.22	119.93	119.70	119.73	0.00	0.01	8.93	0.00	8.94	128.63	127.33	1709
1710	18	27.04	66	4.88	7.9	978683.18	120.62	119.74	119.87	0.01	0.0	9.02	0.00	9.02	128.75	127.53	1710
1711	18	26.59	66	4.84	1.8	978687.33	123.29	123.09	123.12	0.00	0.0	8.72	0.00	8.72	131.81	130.53	1711
1712	18	25.86	66	6.71	1.0	978692.29	128.66	128.55	128.56	0.00	0.0	8.38	0.00	8.38	136.93	135.69	1712
1713	18	22.01	66	8.49	23.8	978684.44	131.30	128.64	129.04	0.03	0.03	7.33	0.01	7.36	135.97	135.27	1713
1714	18	21.22	66	8.35	21.3	978688.20	135.02	132.64	132.99	0.03	0.15	7.28	0.04	7.43	140.03	139.28	1714
1715	18	19.77	66	8.56	38.1	978693.05	146.34	142.06	142.72	0.06	0.50	7.40	0.09	7.90	149.92	149.39	1715
1717	18	15.99	66	8.22	205.7	978656.79	165.21	142.16	145.64	0.29	1.39	7.70	0.23	9.09	151.00	153.13	1717
1718	18	15.10	66	12.49	178.4	978666.93	167.70	147.74	150.73	0.25	1.58	8.97	0.66	10.45	157.93	159.40	1718
1719	18	15.75	66	12.43	199.7	978661.75	168.53	146.10	149.53	0.28	2.83	8.63	0.55	11.46	157.37	159.04	1719
1720	18	16.57	66	12.43	106.8	978676.75	154.10	142.15	143.94	0.15	3.93	9.41	0.62	13.34	155.34	155.15	1720
1721	18	17.35	66	12.58	71.7	978683.13	148.95	140.93	142.13	0.10	2.06	9.01	0.45	11.07	151.90	151.45	1721
1722	18	18.32	66	12.71	58.7	978689.51	150.45	143.80	144.87	0.08	0.39	8.13	0.11	8.52	152.32	152.04	1722
1723	18	18.94	66	12.32	48.3	978691.53	148.71	143.31	144.12	0.07	0.67	7.85	0.15	8.52	151.75	151.30	1723
1724	18	20.14	66	11.99	104.1	978683.78	157.10	145.45	147.20	0.15	0.15	7.41	0.03	7.56	152.86	153.50	1724

1726	18	18.97	66	10.32	126.5	978677.29	158.59	144.43	146.56	0.18	0.72	7.68	0.12	8.40	152.65	153.54	1726
1727	18	18.03	66	13.97	124.7	978675.60	157.17	143.22	145.31	0.18	0.48	8.53	0.40	9.01	152.05	152.82	1727
1732	18	20.81	66	10.44	74.4	978687.71	151.27	142.94	144.19	0.11	0.13	7.41	0.04	7.54	150.38	150.51	1732
1733	18	22.18	66	13.05	50.9	978693.16	146.24	142.54	143.40	0.07	0.0	7.55	0.00	7.55	150.02	149.75	1733
1734	18	22.44	66	14.01	65.0	978687.16	146.36	139.09	140.18	0.09	1.09	7.66	0.02	8.75	147.75	147.54	1734
1735	18	21.76	66	14.78	47.5	978696.65	151.08	145.76	146.56	0.07	0.14	7.58	0.00	7.72	153.41	153.06	1735
1736	18	20.58	66	14.53	54.3	978694.53	152.08	146.00	146.91	0.08	0.12	7.56	0.03	7.68	153.61	153.38	1736
2100	18	26.62	66	3.88	14.9	978683.14	123.12	121.45	121.70	0.02	0.0	8.76	0.00	8.76	130.19	129.13	2100
2101	18	26.14	66	3.57	3.7	978688.41	125.36	124.95	125.01	0.01	0.0	8.46	0.00	8.46	133.40	132.20	2101
2102	18	26.65	66	2.69	0.3	978685.66	121.11	121.08	121.08	0.00	0.0	8.67	0.00	8.67	129.74	128.45	2102
2103	18	26.32	66	2.13	0.2	978687.68	123.40	123.38	123.38	0.00	0.0	8.51	0.00	8.51	131.89	130.62	2103
2104	18	25.85	66	2.36	0.2	978690.91	127.05	127.03	127.03	0.00	0.0	8.26	0.00	8.26	135.28	134.05	2104
2105	18	25.94	66	2.91	0.3	978689.85	125.94	125.91	125.91	0.00	0.0	8.36	0.00	8.36	134.26	133.01	2105
2106	18	25.76	66	3.51	3.0	978690.52	127.60	127.26	127.31	0.00	0.0	8.25	0.00	8.25	135.51	134.33	2106
2107	18	25.07	66	3.34	12.9	978694.75	135.50	134.06	134.27	0.02	0.0	8.05	0.00	8.05	142.09	141.10	2107
2108	18	24.71	66	3.22	22.9	978694.94	139.10	136.54	136.92	0.03	0.0	7.93	0.00	7.93	144.43	143.63	2108
2109	18	24.00	66	3.16	28.3	978695.96	142.43	139.26	139.74	0.04	0.02	7.71	0.00	7.71	146.96	146.28	2109
2110	18	23.82	66	2.59	28.3	978697.85	144.48	141.31	141.79	0.04	0.02	7.69	0.01	7.71	148.98	148.31	2110
2111	18	23.91	66	1.48	33.6	978694.50	142.69	138.93	139.49	0.05	0.0	7.67	0.01	7.67	146.55	145.97	2111
2112	18	25.13	66	1.76	0.4	978697.83	134.67	134.63	134.63	0.00	0.0	7.97	0.00	7.97	142.59	141.41	2112
2114	18	26.25	66	6.75	2.0	978689.91	126.24	126.02	126.05	0.00	0.0	8.55	0.00	8.55	134.56	133.32	2114
2115	18	26.79	66	6.71	0.5	978686.12	121.50	121.44	121.45	0.00	0.0	8.89	0.00	8.89	130.34	129.01	2115
2116	18	26.57	66	7.18	1.8	978687.58	123.56	123.36	123.39	0.00	0.0	8.75	0.00	8.75	132.10	130.82	2116
2117	18	24.26	66	7.09	41.5	978686.06	136.37	131.73	132.42	0.06	0.01	7.97	0.00	7.98	139.65	139.16	2117
2118	18	23.66	66	6.62	38.0	978689.74	139.51	135.26	135.89	0.06	0.04	7.70	0.00	7.74	142.94	142.42	2118
2119	18	23.58	66	4.89	14.8	978698.90	141.58	139.92	140.17	0.02	0.02	7.55	0.01	7.57	147.47	146.59	2119
2120	18	23.38	66	3.81	25.9	978697.97	144.26	141.36	141.80	0.04	0.0	7.52	0.00	7.52	148.85	148.16	2120
2121	18	22.57	66	2.59	33.0	978696.16	145.36	141.67	142.22	0.05	0.06	7.30	0.01	7.36	148.98	148.44	2121
2122	18	22.67	66	3.33	30.4	978685.32	132.37	128.97	129.48	0.04	0.02	7.82	0.00	7.84	136.77	136.11	2122
2123	18	21.55	66	6.67	13.4	978683.94	125.91	124.41	124.64	0.02	0.0	7.76	0.01	7.76	132.15	131.21	2123
2124	18	20.56	66	6.32	24.3	978681.79	127.81	125.09	125.50	0.04	0.0	7.58	0.00	7.58	132.64	131.92	2124
2125	18	20.71	66	7.15	25.0	978682.28	128.87	126.07	126.44	0.01	0.0	7.85	0.00	7.85	130.32	129.30	2125
2126	18	22.58	66	7.93	9.3	978682.92	123.52	122.48	122.64	0.01	0.0	7.97	0.00	8.01	130.52	129.48	2126
2127	18	24.08	66	7.64	9.0	978683.61	123.53	122.52	122.67	0.01	0.04	7.85	0.00	8.18	131.04	129.90	2127
2128	18	23.90	66	8.41	5.0	978685.32	123.43	122.87	122.95	0.01	0.0	8.18	0.00	8.18	131.04	129.90	2128
2129	18	23.13	66	8.62	6.0	978682.03	119.97	119.30	119.40	0.01	0.0	8.40	0.00	8.40	127.69	126.54	2129
2130	18	22.73	66	8.65	3.0	978680.74	117.76	117.42	117.47	0.00	0.0	8.40	0.00	8.40	125.82	124.62	2130
2131	18	24.01	66	9.71	0.0	978678.69	120.01	120.01	120.01	0.00	0.0	8.66	0.00	8.66	128.67	127.37	2131
2132	18	24.66	66	8.93	0.3	978678.69	113.94	113.91	113.91	0.00	0.0	8.89	0.00	8.89	122.80	121.47	2132
2133	18	25.30	66	8.56	0.2	978686.00	121.42	121.40	121.40	0.00	0.0	8.74	0.00	8.74	130.14	128.83	2133
2134	18	25.83	66	8.98	0.3	978681.83	116.94	116.91	116.91	0.00	0.0	8.95	0.00	8.95	125.86	124.52	2134
2135	18	25.82	66	9.45	1.4	978678.82	113.97	113.81	113.84	0.00	0.0	9.20	0.00	9.20	123.01	121.66	2135
2136	18	26.42	66	9.24	2.0	978675.21	110.24	110.02	110.05	0.00	0.0	9.43	0.00	9.43	119.44	118.66	2136
2137	18	26.87	66	7.69	0.7	978674.48	108.84	108.76	108.77	0.00	0.0	9.61	0.00	9.61	118.37	116.94	2137
2138	18	26.65	66	7.69	0.6	978672.79	106.72	106.65	106.66	0.00	0.0	10.01	0.00	10.01	116.67	115.18	2138
2139	18	27.02	66	8.14	0.0	978678.69	120.01	120.01	120.01	0.00	0.0	8.42	0.00	8.42	131.29	130.03	2139
2140	18	27.36	66	8.38	0.2	978688.00	121.42	121.40	121.40	0.00	0.0	8.74	0.00	8.74	130.14	128.83	2140
2141	18	27.70	66	8.82	0.3	978681.83	116.94	116.91	116.91	0.00	0.0	8.95	0.00	8.95	125.86	124.52	2141
2142	18	27.99	66	8.38	1.4	978678.82	113.97	113.81	113.84	0.00	0.0	9.20	0.00	9.20	123.01	121.66	2142
2143	18	28.44	66	8.23	2.0	978675.21	110.24	110.02	110.05	0.00	0.0	9.43	0.00	9.43	119.44	118.66	2143
2144	18	25.93	66	8.24	0.7	978674.48	108.84	108.76	108.77	0.00	0.0	9.61	0.00	9.61	118.37	116.94	2144
2145	18	25.56	66	7.85	0.6	978672.79	106.72	106.65	106.66	0.00	0.0	10.01	0.00	10.01	116.67	115.18	2145
2146	18	27.19	66	9.86	0.0	978686.87	122.87	122.87	122.87	0.00	0.0	8.42	0.00	8.42	131.29	130.03	2146
2147	18	26.80	66	11.04	1.2	978688.78	125.48	125.35	125.37	0.00	0.0	8.28	0.00	8.28	133.63	132.41	2147
2148	18	26.51	66	10.33	0.8	978675.41	110.52	110.43	110.44	0.00	0.0	9.12	0.00	9.12	119.55	118.20	2148
2149	18	26.06	66	10.85	2.0	978674.56	110.40	110.13	110.21	0.00	0.0	8.89	0.00	8.89	119.05	117.77	2149
2150	18	25.74	66	11.18	1.7	978676.57	112.58	112.39	112.42	0.00	0.0	8.69	0.00	8.69	121.06	119.80	2150
2151	18	26.13	66	11.38	8.0	978675.29	113.64	112.74	112.88	0.01	0.0	8.56	0.00	8.56	121.30	120.15	2151
2152	18	25.08	66	12.13	15.6	978673.45	114.44	112.69	112.96	0.02	0.04	8.48	0.00	8.52	121.19	120.18	2152
2153	18	24.43	66	12.02	11.0	978673.66	112.88	111.65	111.83	0.02	0.0	8.66	0.00	8.66	120.30	119.19	2153
2154	18	24.74	66	12.02	36.8	978671.44	119.56	115.44	116.06	0.05	0.03	8.22	0.01	8.25	123.64	123.03	2154
					47.6	978671.74	123.78	118.45	119.25	0.07	0.02	8.00	0.00	8.02	126.41	126.01	
					75.0	978667.18	128.23	119.84	121.00	0.00	0.00						

2155	18	23.57	66	11.59	73.0	978669.69	130.34	122.17	123.40	0.10	0.10	7.82	0.01	7.92	129.98	130.04	2155
2156	18	23.18	66	12.23	96.0	978668.52	136.62	125.83	127.49	0.14	1.99	7.88	0.02	9.87	135.61	135.76	2156
2157	18	22.67	66	12.41	23.8	978694.01	140.29	137.63	138.03	0.03	0.17	7.52	0.01	7.69	145.28	144.53	2157
2158	18	22.91	66	11.28	49.5	978680.26	134.26	128.72	129.55	0.07	0.03	7.57	0.00	7.60	136.25	135.95	2158
2159	18	22.79	66	10.48	20.5	978683.59	128.74	126.45	126.79	0.03	0.0	7.49	0.00	7.49	133.91	133.13	2159
2160	18	23.75	66	9.78	34.6	978678.06	126.70	122.83	123.41	0.05	0.05	7.82	0.00	7.87	130.65	130.06	2160
2161	18	23.76	66	11.07	39.0	978676.47	126.46	122.10	122.75	0.06	0.12	7.71	0.00	7.83	129.87	129.36	2161
2162	18	24.44	66	11.70	56.0	978670.05	124.68	118.41	119.35	0.08	0.0	8.05	0.00	8.05	126.38	126.12	2162
2163	18	24.17	66	10.57	45.6	978673.83	125.49	120.39	121.15	0.07	0.04	7.98	0.01	8.02	128.34	127.91	2163
2164	18	24.97	66	10.18	15.0	978678.48	119.97	118.29	118.54	0.02	0.04	8.15	0.00	8.19	126.46	125.49	2164
2165	18	24.96	66	10.69	45.0	978671.92	121.14	116.65	117.33	0.06	0.04	8.22	0.01	8.26	124.86	124.31	2165
2166	18	24.37	66	13.28	68.0	978667.41	125.80	118.19	119.33	0.10	0.0	8.18	0.00	8.18	126.27	126.20	2166
2167	18	24.09	66	13.65	79.0	978666.87	128.91	120.07	121.39	0.11	0.02	8.23	0.02	8.25	128.20	128.31	2167
2168	18	24.28	66	14.17	62.0	978669.77	126.39	119.45	120.49	0.09	0.04	8.23	0.01	8.27	127.63	127.45	2168
2169	18	25.08	66	13.67	41.0	978670.31	119.73	115.14	115.83	0.06	0.06	8.38	0.01	8.44	123.52	122.95	2169
2170	18	25.45	66	13.94	6.0	978676.74	115.03	114.35	114.46	0.01	0.12	8.37	0.01	8.49	122.84	121.67	2170
2171	18	25.48	66	13.04	15.0	978674.79	115.83	114.15	114.40	0.02	0.13	8.44	0.01	8.57	122.70	121.67	2171
2172	18	26.23	66	13.60	3.0	978675.15	111.80	111.45	111.51	0.00	0.0	8.65	0.00	8.65	120.11	118.86	2172
2173	18	25.71	66	14.21	3.0	978676.94	114.06	113.72	113.77	0.00	0.02	8.50	0.00	8.52	122.24	121.01	2173
2174	18	26.34	66	14.44	2.0	978675.56	111.81	111.59	111.62	0.00	0.0	8.75	0.00	8.75	120.34	119.06	2174
2175	18	26.97	66	14.36	1.7	978673.57	109.16	108.97	109.00	0.00	0.0	9.04	0.00	9.04	118.01	116.68	2175
2176	18	27.09	66	13.43	1.0	978672.76	108.03	107.92	107.93	0.00	0.0	9.13	0.00	9.13	117.05	115.70	2176
2177	18	26.50	66	12.14	0.7	978574.33	110.03	109.95	109.96	0.00	0.0	8.79	0.00	8.79	118.74	117.44	2177
2178	18	27.48	66	12.66	0.4	978671.15	105.88	105.84	105.84	0.00	0.0	9.33	0.00	9.33	115.17	113.78	2178
2179	18	27.80	66	12.22	0.3	978670.64	105.05	105.02	105.02	0.00	0.0	9.57	0.00	9.57	114.59	113.16	2179
2180	18	27.12	66	12.74	0.4	978672.78	107.83	107.79	107.79	0.00	0.0	9.08	0.00	9.08	116.86	115.51	2180
2395	18	27.23	66	10.50	0.5	978673.64	108.62	108.55	108.57	0.00	0.0	9.15	0.00	9.15	117.71	116.35	2395
2396	18	27.71	66	11.08	0.7	978670.87	105.49	105.41	105.42	0.00	0.0	9.41	0.00	9.41	114.82	113.42	2396
2397	18	28.60	66	11.20	0.3	978668.50	102.19	102.16	102.16	0.00	0.01	10.30	0.00	10.31	112.47	110.93	2397
2398	18	28.13	66	12.74	0.6	978668.99	103.20	103.13	103.14	0.00	0.0	9.81	0.00	9.81	112.94	111.48	2398
2399	18	28.19	66	13.83	0.6	978668.76	102.91	102.84	102.85	0.00	0.0	9.81	0.00	9.81	112.66	111.20	2399
2400	18	28.35	66	14.72	0.8	978669.03	103.10	103.01	103.02	0.00	0.0	9.95	0.00	9.95	112.96	111.49	2400
2401	18	27.94	66	14.90	1.0	978671.82	106.32	106.21	106.22	0.00	0.0	9.69	0.00	9.69	115.90	114.46	2401
2402	18	27.41	66	14.75	3.0	978672.25	107.84	107.50	107.55	0.00	0.0	9.29	0.00	9.29	116.79	115.45	2402
2403	18	27.65	66	13.53	0.6	978670.50	105.14	105.07	105.08	0.00	0.0	9.42	0.00	9.42	114.49	113.09	2403
2406	18	23.13	66	14.99	10.2	978694.72	136.39	135.25	135.42	0.01	0.13	7.82	0.03	7.95	143.18	142.17	2406
2407	18	22.72	66	14.88	18.3	978696.65	141.18	139.13	139.44	0.03	0.11	7.72	0.04	7.83	146.94	146.08	2407
2408	18	22.56	66	13.23	44.0	978692.60	145.21	140.29	141.02	0.06	0.02	7.58	0.00	7.60	147.83	147.43	2408
2409	18	23.17	66	13.08	20.0	978690.21	134.86	132.62	132.96	0.03	0.03	7.61	0.01	7.64	140.23	139.43	2409
2410	18	23.24	66	13.77	17.0	978689.96	133.63	131.73	132.01	0.02	0.12	7.66	0.01	7.78	139.49	138.61	2410

SUMMARY FOR 7 STATIONS IN PUERTO RICO EAST IC 3
 COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 0.895
 TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.27 DENSITY OF 2.67 IS USED FOR
 VALUES IN COLUMNS LABELLED CC, IC, TER, (NEAR), AND TOT. IC-HAND CORRECTION
 TER-TOTAL COMPUTER CORRECTION. (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
 OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.D.1	S.B.2	CC	IC	TER (NEAR)	TOT	C.B.1	C.B.2	ACC	STA
USN01	18 14.94	65 34.71	14.9	978662.50	112.95	111.28	111.53	0.02	0.25	6.40	6.65	117.91	117.17		USN01
USN02	18 23.13	65 35.43	1.8	978680.90	119.98	119.78	119.81	0.00	0.0	6.80	6.80	126.58	125.59		USN02
USN03	18 15.76	65 36.40	40.9	978661.00	118.72	114.14	114.83	0.06	0.69	6.57	7.26	121.34	120.95		USN03
USN04	18 23.02	65 37.12	67.0	978683.10	142.42	134.72	136.05	0.10	1.23	7.45	8.68	143.50	143.34		USN04
1470	18 25.10	65 56.85	3.3	978698.07	135.83	135.46	135.52	0.00	0.0	7.90	7.90	143.36	142.23		1470
1609	18 23.92	65 47.39	18.0	978700.47	143.83	141.32	142.12	0.03	0.10	7.57	7.67	149.46	148.62		1609
1716	18 18.15	66 8.44	66.8	978684.00	147.59	140.12	141.24	0.10	0.77	8.20	8.97	148.99	148.78		1716



SUMMARY FOR 390 STATIONS IN PUERTO RICO EAST TC 1
 COMPUTER TERRAIN CORRECTIONS CARRIED FROM CIRCULAR INNER RADIUS OF 0.395
 TO 166.700 KILOMETERS. DENSITIES ARE 2.67 AND 2.27 DENSITY OF 2.67 IS USED FOR
 VALUES IN COLUMNS LABELLED CC, TC, TER, (NEAR), AND TOT. TC-HAND CORRECTION
 TER-TOTAL COMPUTER CORRECTION. (NEAR)-PART OF TOTAL THAT REPRESENTS CONTRIBUTION
 OF COMPARTMENTS THAT INTERSECT INNER CIRCULAR RADIUS. TOT-HAND PLUS COMPUTER TERRAIN.

STATION	LATITUDE	LONGITUDE	ELEV	OBS GRAV	F.A.	S.B.1	S.B.2	CC	TC	TER (NEAR)	TOT	C.B.1	C.B.2	ACC	STA
2600	18 20.40	66 4.65	126.8	978671.77	151.87	137.68	139.81	0.18	0.41	7.36	0.03	7.77	145.27	146.26	2600
2601	18 19.04	66 4.15	241.0	978651.68	168.25	141.28	145.32	0.33	0.87	8.12	0.14	8.99	149.94	152.68	2601
2602	18 17.42	66 4.52	187.0	978659.39	160.74	139.82	142.95	0.26	0.68	7.24	0.05	7.92	147.47	149.46	2602
2603	18 17.63	66 3.03	65.4	978685.09	148.72	141.40	142.50	0.09	0.09	6.92	0.05	7.01	148.32	148.38	2603
2604	18 16.87	66 3.59	201.0	978658.77	164.93	142.44	145.81	0.28	0.43	7.37	0.08	7.80	149.96	152.20	2604
2605	18 14.93	66 2.46	64.0	978682.32	147.93	140.77	141.84	0.09	0.14	6.55	0.01	6.69	147.37	147.45	2605
2606	18 14.11	66 2.82	65.0	978672.76	139.41	132.14	133.23	0.09	0.0	6.60	0.01	6.60	138.64	138.76	2606
2607	18 14.51	66 3.60	83.6	978675.58	147.61	138.26	139.66	0.12	0.0	6.74	0.00	6.74	144.88	145.29	2607
2608	18 15.01	66 4.81	104.0	978678.22	156.11	144.47	146.22	0.15	0.35	7.30	0.05	7.65	151.98	152.60	2608
2609	18 14.78	66 7.34	344.9	978632.69	185.15	146.56	152.34	0.46	0.23	7.71	0.05	7.94	154.03	158.69	2609
2610	18 11.91	66 8.49	404.0	978612.98	186.24	141.03	147.81	0.53	0.25	7.56	0.01	7.81	148.31	153.99	2610
2611	18 10.69	66 7.76	403.2	978611.72	185.81	140.69	147.45	0.53	0.16	7.50	0.02	7.66	147.82	153.51	2611
2612	18 10.50	66 7.07	453.3	978601.14	190.87	140.15	147.75	0.59	0.05	7.86	0.01	7.91	147.46	153.96	2612
2613	18 11.13	66 8.54	404.2	978612.53	186.53	141.30	148.08	0.53	0.12	7.50	0.01	7.62	148.39	154.10	2613
2614	18 11.68	66 7.75	411.2	978609.85	185.54	139.53	146.42	0.54	0.11	7.59	0.01	7.70	146.59	152.51	2614
2615	18 12.41	66 6.43	456.0	978600.53	189.39	138.36	146.01	0.59	0.33	8.36	0.06	8.69	146.46	152.89	2615
2616	18 13.70	66 5.38	412.0	978610.69	184.82	138.72	145.62	0.54	1.22	9.34	0.56	10.56	148.74	154.14	2616
2617	18 13.04	66 4.41	121.6	978663.46	148.53	134.92	136.96	0.17	0.35	7.46	0.09	7.81	142.56	143.45	2617
2618	18 13.72	66 3.40	92.0	978666.15	141.47	131.18	132.72	0.13	0.0	6.68	0.00	6.68	137.72	138.29	2618
2619	18 12.86	66 3.43	103.0	978663.34	142.83	131.30	133.03	0.15	0.0	6.87	0.03	6.87	138.03	138.75	2619
2620	18 13.31	66 2.51	87.3	978664.59	138.83	129.06	130.52	0.13	0.0	6.53	0.00	6.53	135.47	135.97	2620
2621	18 12.54	66 2.56	81.0	978667.84	140.82	131.76	133.11	0.12	0.05	6.70	0.01	6.75	138.39	138.76	2621
2622	18 13.61	65 59.90	93.0	978674.22	149.95	139.54	141.10	0.13	0.37	6.48	0.04	6.85	146.26	146.81	2622
2623	18 13.97	66 0.43	65.0	978676.86	143.63	136.36	137.45	0.09	0.0	6.44	0.03	6.44	142.70	142.84	2623
2624	18 9.10	65 49.47	20.3	978669.26	126.56	124.29	124.63	0.03	0.0	6.57	0.02	6.57	130.83	130.19	2624
2625	18 8.97	65 49.40	18.3	978669.34	126.13	124.08	124.39	0.03	0.0	6.59	0.01	6.59	130.65	129.97	2625
2626	18 8.90	65 49.57	17.5	978668.63	125.24	123.28	123.58	0.03	0.0	6.61	0.01	6.61	129.86	129.17	2626
2627	18 8.84	65 49.69	15.9	978669.11	125.29	123.51	123.78	0.02	0.0	6.62	0.01	6.62	130.11	129.38	2627
2628	18 8.81	65 49.86	23.0	978667.77	126.17	123.60	123.98	0.03	0.0	6.61	0.00	6.61	130.17	129.57	2628
2629	18 8.79	65 50.03	23.0	978667.54	125.96	123.39	123.77	0.03	0.0	6.63	0.01	6.63	129.99	129.38	2629
2630	18 8.83	65 50.35	34.5	978665.47	127.40	123.54	124.12	0.05	0.0	6.66	0.01	6.66	130.15	129.74	2630
2631	18 8.48	65 49.66	20.6	978668.46	126.41	124.10	124.45	0.03	0.04	6.69	0.02	6.73	130.81	130.15	2631
2632	18 8.25	65 50.36	31.0	978665.70	127.06	123.59	124.11	0.05	0.0	6.86	0.07	6.86	130.41	129.91	2632
2633	18 7.57	65 51.15	180.0	978633.64	141.60	121.46	124.48	0.25	0.69	7.63	0.09	8.32	129.53	131.34	2633
2634	18 8.01	65 49.42	31.9	978664.22	126.08	122.51	123.05	0.05	0.37	6.80	0.03	7.17	129.63	129.10	2634
2635	18 8.93	65 48.92	15.9	978670.54	126.64	124.86	125.13	0.02	0.09	6.58	0.01	6.67	131.51	130.78	2635
2636	18 8.72	65 48.36	12.0	978670.23	125.31	123.97	124.17	0.02	0.13	6.55	0.01	6.68	130.63	129.84	2636
2637	18 8.01	65 48.38	9.5	978667.67	122.61	121.55	121.71	0.01	0.15	6.67	0.00	6.82	128.36	127.50	2637
2638	18 7.63	65 47.76	5.3	978662.00	115.97	115.38	115.47	0.01	0.0	6.81	0.00	6.81	122.18	121.25	2638
2639	18 7.33	65 47.00	2.0	978659.14	112.36	112.14	112.17	0.00	0.04	6.88	0.00	6.92	119.05	118.05	2639
2640	18 8.98	65 47.58	5.5	978669.94	122.77	122.15	122.25	0.01	0.0	6.58	0.00	6.58	128.72	127.83	2640
2641	18 8.02	65 47.33	4.5	978664.51	117.89	117.39	117.46	0.01	0.0	6.66	0.00	6.66	124.04	123.12	2641
2642	18 7.93	65 46.98	2.5	978662.74	115.59	115.31	115.35	0.00	0.0	6.72	0.00	6.72	122.03	121.06	2642
2643	18 9.38	65 45.73	1.0	978664.95	116.04	115.93	115.94	0.00	0.0	6.56	0.00	6.56	122.49	121.52	2643
2644	18 9.17	65 46.84	1.5	978670.31	121.74	121.57	121.60	0.00	0.08	6.56	0.02	6.64	128.21	127.24	2644
2645	18 10.38	65 47.05	7.0	978671.86	123.93	123.15	123.26	0.01	0.21	6.46	0.02	6.67	129.80	128.92	2645
2646	18 10.34	65 47.77	12.0	978672.80	126.44	125.10	125.30	0.02	0.09	6.48	0.05	6.57	131.65	130.87	2646
2647	18 9.29	65 48.06	13.5	978671.12	126.16	124.65	124.88	0.02	0.12	6.61	0.06	6.73	131.36	130.58	2647
2648	18 9.83	65 48.93	67.8	978664.25	135.57	127.98	129.12	0.10	0.50	6.67	0.03	7.17	135.06	135.13	2648

2649	18	9.79	65	51.01	34.7	978665.89	127.02	123.14	123.72	0.05	0.63	6.69	0.10	7.32	130.41	129.90	2649
2650	18	10.87	65	51.82	128.2	978649.48	138.52	124.17	126.32	0.18	0.0	6.65	0.04	6.65	130.64	131.82	2650
2651	18	9.71	65	51.93	147.8	978644.55	140.67	124.13	126.61	0.21	0.12	6.88	0.01	7.00	130.93	132.38	2651
2652	18	22.44	65	58.67	36.7	978694.96	145.42	141.31	141.93	0.05	0.05	7.26	0.00	7.31	148.57	148.10	2652
2653	18	22.13	65	57.71	17.0	978700.31	144.97	143.07	143.35	0.02	0.02	7.20	0.00	7.22	150.26	149.47	2653
2654	18	20.77	65	58.37	145.0	978674.57	159.97	143.74	146.18	0.20	0.25	7.65	0.07	7.90	151.44	152.72	2654
2655	18	19.02	65	58.15	96.0	978682.76	154.60	143.85	145.47	0.14	0.83	7.23	0.02	8.06	151.78	152.20	2655
2656	18	20.50	65	59.63	51.6	978693.30	150.10	144.33	145.19	0.07	0.30	6.97	0.00	7.27	151.52	151.30	2656
2657	18	21.02	65	59.98	85.8	978686.66	153.55	143.95	145.39	0.12	0.97	7.28	0.05	8.25	152.07	152.29	2657
2658	18	19.80	65	59.26	56.1	978692.33	151.15	144.37	145.81	0.08	0.08	7.06	0.02	7.14	151.93	151.81	2658
2659	18	18.70	65	59.13	202.0	978661.05	165.89	143.29	146.67	0.28	1.07	7.81	0.19	8.88	151.88	153.98	2659
2660	18	19.07	66	0.21	62.0	978670.05	151.34	144.40	145.44	0.09	0.94	7.17	0.12	8.11	152.43	152.26	2660
2661	18	18.18	65	59.70	224.0	978656.46	168.55	143.48	147.24	0.31	0.66	7.83	0.10	8.49	151.66	154.19	2661
2662	18	17.94	65	59.00	337.5	978631.99	179.34	141.57	147.23	0.45	0.98	9.56	0.37	10.54	151.66	155.80	2662
2663	18	17.86	65	57.97	238.0	978653.21	169.91	143.28	147.27	0.33	0.36	7.82	0.09	8.18	151.13	153.94	2663
2664	18	16.98	65	58.23	203.0	978660.82	167.51	144.79	148.20	0.28	1.02	7.66	0.22	8.68	153.19	155.34	2664
2665	18	16.03	65	56.55	94.0	978680.33	154.21	143.59	145.27	0.13	0.13	7.36	0.36	7.49	151.05	151.52	2665
2666	18	16.20	65	58.26	58.6	978689.22	152.03	145.47	146.46	0.08	0.07	6.88	0.05	6.95	152.34	152.29	2666
2667	18	15.41	65	58.27	55.0	978692.04	154.43	148.28	149.20	0.08	0.01	6.63	0.07	6.64	154.84	154.78	2667
2668	18	16.20	65	59.46	46.0	978692.08	151.00	145.85	146.62	0.07	0.0	6.72	0.01	6.72	152.51	152.28	2668
2669	18	16.95	65	59.56	112.0	978676.89	155.52	142.39	144.86	0.16	0.65	7.11	0.09	7.76	150.59	151.33	2669
2670	18	17.02	66	0.92	50.0	978691.29	150.70	145.11	145.94	0.07	0.08	6.93	0.12	7.01	152.04	151.84	2670
2671	18	14.96	65	56.76	56.9	978686.46	149.85	143.48	144.44	0.08	0.14	6.67	0.03	6.81	150.21	150.16	2671
2672	18	14.35	65	55.56	65.0	978680.87	147.30	140.63	141.12	0.09	0.14	6.65	0.02	6.79	146.72	146.81	2672
2673	18	14.87	65	55.23	65.0	978678.96	144.94	137.57	138.76	0.09	0.01	6.88	0.02	6.89	144.47	144.54	2673
2674	18	15.23	65	55.10	94.0	978674.53	149.13	138.61	140.19	0.13	0.20	7.15	0.13	7.35	145.83	146.32	2674
2675	18	16.23	65	55.00	267.0	978644.46	171.58	141.70	146.18	0.37	0.19	7.87	0.04	8.06	149.39	152.72	2675
2676	18	17.70	65	55.00	135.0	978674.76	159.81	144.70	146.97	0.19	0.09	7.41	0.08	7.50	152.02	153.18	2676
2677	18	17.10	65	55.90	396.0	978619.51	185.67	141.36	148.00	0.52	1.93	9.83	0.32	11.76	152.60	157.55	2677
2678	18	18.21	65	56.33	212.0	978659.41	167.77	144.05	147.60	0.29	0.15	7.51	0.08	7.66	151.42	153.87	2678
2679	18	18.66	65	56.88	215.0	978659.47	168.37	144.31	147.92	0.30	0.45	7.57	0.01	8.02	152.03	154.48	2679
2680	18	20.37	65	57.48	120.0	978679.28	157.31	143.88	145.89	0.17	0.20	7.32	0.03	7.52	151.24	152.15	2680
2681	18	22.18	65	55.83	15.0	978698.85	142.85	141.17	141.42	0.02	0.0	7.27	0.03	7.27	148.42	147.59	2681
2682	18	21.41	65	55.69	78.0	978686.45	150.59	141.86	143.17	0.11	0.16	7.41	0.04	7.57	149.32	149.51	2682
2683	18	20.67	65	55.35	52.0	978693.05	149.82	144.00	144.87	0.08	0.23	7.37	0.12	7.60	151.52	151.27	2683
2684	18	19.38	65	54.98	173.0	978665.21	160.50	141.14	144.04	0.24	1.18	7.57	0.06	8.75	149.65	151.28	2684
2685	18	18.41	65	54.67	109.0	978682.15	158.54	146.34	148.17	0.16	0.12	7.47	0.11	7.59	153.77	154.49	2685
2686	18	19.12	65	53.53	85.0	978685.86	154.21	144.70	146.12	0.12	0.50	8.06	0.09	8.56	153.13	153.29	2686
2687	18	17.65	65	53.35	233.0	978653.63	168.97	142.90	146.80	0.32	0.68	8.18	0.24	8.86	151.44	154.06	2687
2688	18	17.23	65	53.25	376.0	978623.75	183.62	141.55	147.85	0.50	1.10	9.07	0.19	10.17	151.21	156.07	2688
2689	18	16.13	65	52.45	404.0	978613.38	182.87	137.66	144.44	0.53	0.35	9.36	0.14	9.71	146.84	152.24	2689
2690	18	16.92	65	51.70	625.0	978569.02	206.02	136.08	146.56	0.78	0.71	12.66	0.24	13.37	148.68	157.27	2690
2691	18	17.98	65	50.92	532.0	978592.17	199.51	139.98	148.90	0.68	0.46	11.33	0.20	11.79	151.09	158.35	2691
2692	18	18.70	65	52.16	515.0	978597.83	199.28	141.65	150.29	0.66	0.95	12.22	0.61	13.17	154.17	160.92	2692
2693	18	20.02	65	52.62	203.0	978661.90	165.87	143.15	146.56	0.28	0.90	8.37	0.18	9.27	152.15	154.20	2693
2694	18	20.41	65	53.42	47.7	978694.71	150.39	145.05	145.85	0.07	0.33	7.59	0.09	7.92	152.91	152.53	2694
2695	18	21.02	65	53.86	34.4	978696.56	147.59	143.74	144.32	0.05	0.23	7.40	0.03	7.63	151.32	150.76	2695
2696	18	21.79	65	54.09	47.2	978692.88	147.17	141.89	142.68	0.07	0.20	7.31	0.01	7.51	149.33	149.01	2696
2697	18	21.53	65	52.97	109.0	978680.79	154.38	142.18	144.01	0.16	0.54	7.73	0.07	8.37	150.40	150.99	2697
2698	18	19.80	65	51.34	294.5	978634.15	175.56	142.61	147.54	0.40	1.11	9.42	0.33	10.53	152.73	156.15	2698
2699	18	18.92	65	49.65	531.0	978590.21	196.41	136.49	145.89	0.68	0.90	12.27	0.35	13.17	149.49	156.52	2699
2700	18	20.53	65	49.47	106.0	978681.26	154.83	142.97	144.75	0.15	0.52	8.96	0.11	9.48	152.30	152.68	2700
2701	18	20.75	65	48.30	112.0	978678.29	153.52	140.49	142.86	0.16	0.30	9.29	0.27	9.59	150.42	150.88	2701
2702	18	20.12	65	47.46	307.0	978638.53	174.52	140.17	145.31	0.42	1.37	11.11	0.62	12.48	152.23	155.57	2702
2703	18	20.17	65	46.53	450.0	978603.60	183.68	133.33	140.87	0.59	2.13	12.72	0.76	14.85	147.59	153.00	2703
2704	18	18.52	65	46.72	563.0	978578.33	194.76	131.76	141.20	0.71	1.72	12.65	0.63	14.37	145.42	152.81	2704
2705	18	17.83	65	47.47	753.0	978538.71	214.40	130.14	142.76	0.90	0.65	14.31	0.19	14.96	144.20	154.71	2705
2706	18	17.00	65	47.26	649.2	978556.79	201.19	128.55	139.43	0.80	0.49	12.42	0.07	12.91	140.66	149.73	2706
2707	18	16.18	65	47.12	594.8	978564.20	192.54	125.48	135.95	0.75	1.28	12.40	0.30	13.68	138.92	146.95	2707
2708	18	16.91	65	45.97	941.0	978486.36	220.91	115.61	131.39	1.06	3.39	22.68	1.25	26.07	140.62	152.65	2708
2709	18	16.24	65	45.54	1038.0	978457.58	222.65	106.50	123.90	1.14	3.96	30.77	1.97	34.73	140.09	152.46	2709

2710	18	19.48	65	46.02	400.0	9786613.07	178.33	133.57	140.28	0.53	2.76	11.27	0.65	14.03	147.07	151.76	2710
2711	18	17.20	65	38.33	5.0	978680.67	126.03	125.47	125.55	0.01	0.04	6.56	0.01	6.60	132.06	131.16	2711
2712	18	19.61	65	39.00	11.5	978685.85	131.95	130.66	130.86	0.02	0.0	6.57	0.00	6.57	137.21	136.42	2712
2713	18	16.37	65	38.48	8.0	978673.54	120.57	119.67	119.81	0.01	0.01	7.03	0.00	7.04	126.70	125.78	2713
2714	18	13.62	65	36.98	3.0	978674.56	122.50	122.15	122.21	0.00	0.03	6.41	0.00	6.44	128.60	127.68	2714
2715	18	13.39	65	36.33	2.0	978672.76	120.61	120.39	120.42	0.00	0.01	6.39	0.00	6.40	126.79	125.86	2715
2716	18	12.89	65	36.69	9.6	978670.55	121.18	120.11	120.27	0.01	0.0	6.40	0.01	6.40	126.50	125.70	2716
2717	18	12.83	65	36.14	2.0	978671.04	119.38	119.15	119.19	0.00	0.03	6.34	0.00	6.37	125.52	124.60	2717
2718	18	13.83	65	35.47	20.0	978667.54	120.54	118.35	118.64	0.03	0.52	6.50	0.02	7.02	125.29	124.58	2718
2719	18	14.56	65	36.24	4.0	978670.74	118.15	117.70	117.77	0.01	0.06	6.33	0.00	6.39	124.09	123.20	2719
2720	18	15.11	65	36.43	1.5	978669.31	115.45	115.23	115.31	0.00	0.01	6.27	0.00	6.28	121.56	120.65	2720
2721	18	14.49	65	37.21	7.0	978671.44	119.84	119.06	119.17	0.01	0.0	6.37	0.00	6.37	125.42	124.58	2721
2722	18	13.02	65	40.87	5.4	978668.33	117.54	116.94	117.03	0.01	0.10	6.50	0.01	6.60	123.53	122.63	2722
2723	18	12.60	65	40.21	7.0	978668.14	118.22	117.44	117.55	0.01	0.07	6.49	0.00	6.56	123.98	123.12	2723
2724	18	13.40	65	40.22	8.0	978671.22	120.90	120.00	120.14	0.01	0.15	6.53	0.01	6.68	126.67	125.81	2724
2725	18	13.62	65	39.30	9.0	978671.48	121.27	120.25	120.41	0.01	0.21	6.46	0.00	6.67	125.92	126.07	2725
2726	18	14.71	65	38.13	4.3	978671.55	118.92	118.44	118.51	0.01	0.01	6.52	0.00	6.53	124.96	124.06	2726
2727	18	13.56	65	38.15	1.5	978675.58	123.11	122.94	122.97	0.00	0.04	6.38	0.00	6.42	129.36	128.43	2727
2728	18	13.20	65	38.87	2.0	978674.74	122.74	122.52	122.55	0.00	0.01	6.41	0.00	6.42	128.93	128.01	2728
2729	18	12.38	65	38.44	2.5	978670.67	119.56	119.28	119.32	0.00	0.03	6.45	0.00	6.48	125.76	124.83	2729
2730	18	12.60	65	37.72	0.2	978672.35	120.34	120.32	120.32	0.00	0.04	6.41	0.00	6.45	126.76	125.80	2730
2731	18	15.88	65	37.83	1.0	978673.27	118.58	118.47	118.48	0.00	0.0	6.56	0.00	6.56	125.03	124.06	2731
2732	18	16.51	65	39.45	40.7	978669.88	126.88	122.33	123.01	0.06	0.11	7.71	0.03	7.82	130.08	129.60	2732
2733	18	16.17	65	40.79	241.0	978629.94	149.09	122.12	126.16	0.33	1.18	8.46	0.25	9.54	131.43	134.08	2733
2734	18	15.13	65	40.84	84.0	978654.54	126.14	116.74	118.15	0.12	0.46	7.03	0.13	7.49	124.11	124.41	2734
2735	18	14.44	65	41.65	43.0	978662.10	121.66	116.85	117.57	0.06	0.16	6.77	0.02	6.93	123.72	123.41	2735
2736	18	14.82	65	42.92	63.0	978658.96	124.35	117.30	118.36	0.09	0.18	7.18	0.03	7.36	124.57	124.54	2736
2737	18	13.25	65	43.73	26.0	978666.22	121.59	118.68	119.12	0.04	0.09	6.76	0.01	6.85	125.49	124.91	2737
2738	18	12.81	65	43.13	21.0	978663.98	118.20	115.85	116.20	0.03	0.01	6.61	0.00	6.62	122.44	121.81	2738
2739	18	12.42	65	43.83	9.0	978664.68	115.54	114.53	114.68	0.01	0.01	6.53	0.00	6.54	121.06	120.23	2739
2740	18	11.39	65	43.56	2.0	978662.63	112.25	112.03	112.06	0.00	0.0	6.47	0.00	6.47	118.50	117.56	2740
2741	18	10.98	65	44.08	1.4	978662.64	112.44	112.23	112.31	0.00	0.0	6.48	0.00	6.48	118.77	117.82	2741
2742	18	10.13	65	44.52	1.0	978662.25	112.68	112.57	112.58	0.00	0.0	6.51	0.00	6.51	119.08	118.12	2742
2743	18	10.17	65	45.74	1.0	978667.44	117.83	117.72	117.73	0.00	0.0	6.49	0.00	6.49	124.21	123.25	2743
2744	18	11.15	65	42.50	2.5	978662.84	112.83	112.55	112.59	0.00	0.14	6.46	0.01	6.60	119.15	118.20	2744
2745	18	11.20	65	41.70	2.0	978662.34	112.13	111.91	111.94	0.00	0.06	6.47	0.01	6.53	118.44	117.49	2745
2746	18	11.97	65	42.75	32.0	978658.83	117.19	113.61	114.15	0.05	0.33	6.56	0.01	6.89	120.45	119.97	2746
2747	18	13.14	65	41.75	4.0	978667.19	115.86	115.41	115.48	0.01	0.0	6.55	0.03	6.55	121.95	121.04	2747
2748	18	12.65	65	41.58	1.3	978665.95	114.24	114.09	114.12	0.00	0.0	6.48	0.00	6.43	120.57	119.62	2748
2749	18	13.72	65	40.84	17.1	978667.43	119.63	117.72	118.00	0.02	0.17	6.65	0.11	6.82	124.51	123.78	2749
2750	18	14.34	65	39.78	19.6	978665.90	118.33	116.14	116.47	0.03	0.08	6.78	0.07	6.86	122.97	122.27	2750
2751	18	15.46	65	39.13	29.7	978665.17	119.71	116.39	116.88	0.04	0.03	7.63	1.09	7.66	124.00	123.36	2751
2752	18	13.55	66	1.67	62.4	978670.40	136.74	129.76	130.80	0.09	0.0	6.45	0.00	6.45	136.12	136.21	2752
2753	18	12.66	66	1.47	102.7	978665.65	145.22	133.73	135.45	0.15	0.10	6.62	0.05	6.72	140.30	141.04	2753
2754	18	11.38	66	1.47	209.0	978630.63	168.86	136.52	141.37	0.39	0.26	7.51	0.06	7.77	143.92	147.64	2754
2755	18	13.29	66	0.67	61.1	978673.95	140.13	133.29	134.32	0.09	0.08	6.46	0.02	6.54	139.75	139.80	2755
2756	18	12.32	65	59.39	72.6	978677.42	148.01	139.89	141.10	0.10	0.68	6.70	0.26	7.38	147.16	147.29	2756
2757	18	12.31	65	57.81	80.0	978670.59	143.47	134.52	135.86	0.11	0.19	6.43	0.03	6.62	141.03	141.39	2757
2758	18	13.49	65	57.32	173.0	978658.95	159.49	140.13	143.03	0.24	0.55	6.66	0.01	7.21	147.10	148.96	2758
2759	18	12.62	65	55.99	130.0	978658.38	146.41	131.85	134.04	0.18	0.23	6.51	0.03	6.74	138.42	139.62	2759
2760	18	11.24	65	56.53	138.0	978652.41	144.15	128.71	131.02	0.20	0.06	6.51	0.01	6.57	135.08	136.44	2760
2761	18	11.15	65	57.28	97.6	978660.20	139.55	128.63	130.26	0.14	0.02	6.45	0.01	6.47	134.96	135.65	2761
2762	18	9.50	65	57.21	175.0	978642.45	147.15	127.57	130.50	0.25	0.03	6.78	0.01	6.81	134.13	136.08	2762
2763	18	8.63	65	56.53	338.0	978605.03	160.82	123.00	128.66	0.45	1.50	8.23	0.29	9.73	132.27	136.55	2763
2764	18	8.14	65	57.37	266.0	978620.89	154.89	125.13	129.58	0.36	0.70	7.37	0.07	8.07	132.83	136.13	2764
2765	18	7.89	65	56.70	305.0	978609.82	156.09	121.95	127.07	0.41	0.69	7.69	0.05	8.38	129.92	133.84	2765
2766	18	10.61	65	55.21	135.3	978649.31	140.77	125.63	127.90	0.19	0.06	6.63	0.03	6.69	132.13	133.43	2766
2767	18	11.52	65	55.30	152.0	978648.32	144.13	127.12	129.57	0.21	0.27	6.56	0.03	6.83	133.74	135.29	2767
2768	18	9.35	65	54.82	225.0	978630.98	151.25	126.07	129.84	0.31	0.35	7.29	0.12	7.64	133.40	136.07	2768
2769	18	10.59	65	53.75	106.0	978654.47	137.52	125.43	127.25	0.15	0.04	6.54	0.01	6.58	131.86	132.71	2769
2770	18	10.62	65	53.10	109.0	978653.93	137.27	125.07	126.90	0.16	0.02	6.53	0.01	6.55	131.46	132.33	2770

2771 16 9.53 65 52.93 199.0 978635.45 147.53 125.26 128.60 0.28 0.35 7.14 0.06 7.49 132.47 134.73 2771
2772 18 8.90 65 53.81 303.0 978613.94 158.69 124.78 129.85 0.41 0.49 8.12 0.11 8.61 132.99 136.84 2772
2773 18 8.24 65 53.78 306.0 978612.61 159.87 124.63 129.76 0.42 0.98 8.09 0.07 9.07 133.29 137.12 2773
2774 16 11.17 65 50.40 248.0 978625.31 151.07 123.32 127.48 0.34 1.20 7.99 0.18 9.19 132.17 135.00 2774
2775 18 12.05 65 51.88 88.0 978659.79 135.37 125.52 127.00 0.13 0.01 6.58 0.01 6.59 131.99 132.49 2775
2776 18 11.73 65 52.98 133.0 978651.24 141.00 126.12 128.35 0.19 0.04 6.59 0.01 6.63 132.56 133.82 2776
2777 18 12.53 65 53.88 121.3 978657.04 142.48 128.91 130.94 0.17 0.11 6.60 0.02 6.71 135.44 136.50 2777
2778 18 13.51 65 54.82 74.4 978672.32 145.40 134.07 135.32 0.11 0.06 6.53 0.01 6.59 140.56 140.84 2778
2779 18 14.42 65 53.87 67.0 978678.43 142.41 137.91 139.04 0.10 0.42 7.17 0.03 7.59 145.41 145.41 2779
2780 18 14.26 65 53.00 90.5 978670.13 144.52 134.39 135.91 0.13 0.34 7.39 0.05 7.73 141.99 142.37 2780
2781 18 15.20 65 50.77 235.0 978638.49 156.65 130.35 134.29 0.32 2.63 10.91 1.41 13.54 143.57 145.53 2781
2782 18 13.80 65 51.51 86.9 978668.71 142.39 132.67 134.12 0.12 0.01 7.35 0.01 7.36 139.90 140.28 2782
2783 18 13.86 65 50.59 96.0 978664.00 140.44 129.70 131.61 0.14 0.22 7.83 0.02 8.05 137.61 138.04 2783
2784 18 14.88 65 49.85 355.0 978615.88 171.37 131.65 137.60 0.48 0.90 10.25 0.40 11.15 142.32 146.67 2784
2785 18 13.26 65 49.97 95.0 978664.22 140.89 130.26 131.85 0.14 0.11 7.39 0.03 7.50 137.63 138.12 2785
2786 18 14.32 65 48.83 410.0 978601.03 173.99 128.11 134.98 0.54 0.53 10.50 0.32 11.03 138.60 143.90 2786
2787 18 12.12 65 48.92 79.7 978663.40 136.35 127.43 128.77 0.11 0.49 6.85 0.06 7.34 134.66 134.91 2787
2788 18 11.01 65 48.10 17.0 978671.97 126.56 124.66 124.94 0.02 0.0 6.45 0.01 6.45 131.09 130.41 2788
2789 18 11.77 65 46.88 14.3 978670.18 123.25 121.65 121.89 0.02 0.06 6.53 0.02 6.59 128.22 127.47 2789
2790 18 11.57 65 46.36 7.0 978669.58 120.58 119.80 119.91 0.01 0.07 6.43 0.01 6.50 126.29 125.44 2790
2791 18 12.90 65 49.03 90.0 978661.32 136.76 126.69 128.20 0.13 0.02 7.23 0.03 7.25 133.81 134.25 2791
2792 18 13.15 65 46.95 15.0 978671.66 123.73 122.05 122.30 0.02 0.15 9.97 0.01 7.30 129.33 128.49 2792
2793 18 14.44 65 47.11 25.3 978672.11 126.21 123.38 123.80 0.04 0.65 9.97 0.33 10.62 133.96 132.80 2793
2794 18 15.10 65 48.08 243.7 978633.14 154.07 126.80 130.89 0.34 3.11 10.62 0.88 13.73 140.20 142.28 2794
2795 18 16.03 65 48.08 480.6 978656.71 179.94 126.16 134.22 0.62 3.36 11.60 0.77 14.96 140.50 146.41 2795
2796 18 14.08 65 45.65 50.0 978665.25 127.29 121.70 122.53 0.07 0.17 8.28 0.25 8.45 130.07 129.65 2796
2797 18 12.83 65 45.63 7.2 978670.39 120.33 119.52 119.65 0.01 0.0 6.78 0.01 6.78 126.29 125.40 2797
2798 18 12.52 65 44.87 3.5 978667.40 116.48 116.09 116.15 0.01 0.03 6.62 0.01 6.65 122.73 121.80 2798
2799 18 14.64 65 44.66 96.0 978653.96 129.70 118.96 120.57 0.14 0.20 8.51 0.31 8.71 127.53 127.85 2799
2800 18 15.45 65 44.00 235.0 978627.90 145.83 119.53 123.47 0.32 0.51 8.94 0.35 9.45 128.66 131.23 2800
2801 18 16.20 65 43.14 96.0 978659.73 134.09 123.35 124.96 0.14 0.08 7.92 0.12 8.00 131.21 131.64 2801
2802 18 16.59 65 42.83 100.0 978661.08 136.32 125.13 126.81 0.14 0.07 7.72 0.10 7.79 132.78 133.31 2802
2803 18 17.10 65 42.13 68.0 978670.34 135.24 127.63 128.77 0.10 0.10 7.33 0.05 7.43 134.97 135.01 2803
2804 18 17.77 65 42.02 55.0 978675.18 135.47 129.32 130.74 0.08 0.40 7.49 0.16 7.89 137.12 136.88 2804
2805 18 13.22 65 40.91 32.9 978680.34 133.41 129.73 130.28 0.05 0.0 6.88 0.01 6.88 136.56 136.09 2805
2806 18 19.08 65 41.33 58.0 978680.42 140.46 133.97 134.94 0.08 0.33 7.27 0.17 7.60 141.48 141.33 2806
2807 18 19.09 65 40.14 158.3 978685.50 135.13 132.41 132.82 0.04 0.05 6.75 0.05 6.80 139.18 138.57 2807
2808 18 17.01 65 39.94 74.3 978649.12 141.89 124.21 126.86 0.22 1.11 7.60 0.11 8.71 132.69 134.07 2808
2809 18 18.40 65 37.76 7.0 978688.36 133.28 132.50 132.61 0.01 0.14 6.47 0.01 6.61 139.09 138.22 2809
2810 18 19.43 65 38.33 2.0 978690.69 133.14 137.92 132.95 0.00 0.01 6.49 0.00 6.50 139.41 138.47 2810
2811 18 19.92 65 38.82 7.5 978690.52 134.22 133.38 133.51 0.01 0.0 6.62 0.01 6.62 139.99 139.13 2811
2812 18 20.14 65 37.83 2.0 978692.53 134.34 134.12 134.15 0.00 0.01 6.57 0.00 6.58 140.69 139.74 2812
2813 18 20.93 65 38.20 1.0 978694.24 135.04 134.93 134.94 0.00 0.12 6.65 0.03 6.77 141.70 140.70 2813
2814 18 21.71 65 38.38 26.0 978691.99 139.80 136.89 137.33 0.04 0.06 6.82 0.01 6.88 143.73 143.14 2814
2815 18 22.40 65 37.93 2.5 978697.13 137.07 136.79 136.83 0.00 0.01 6.81 0.01 6.82 143.61 142.63 2815
2816 18 22.00 65 37.55 2.0 978696.18 136.32 136.10 136.13 0.00 0.12 6.77 0.01 6.89 142.98 141.99 2816
2817 18 21.81 65 38.94 7.0 978694.83 137.77 136.26 136.49 0.02 0.03 6.75 0.01 6.78 143.02 142.24 2817
2818 18 20.58 65 39.64 13.5 978692.80 137.46 137.81 139.85 0.17 0.03 7.33 0.03 7.36 144.99 145.96 2818
2819 18 10.75 66 2.59 122.0 978664.23 151.46 137.81 139.85 0.17 0.03 7.33 0.03 7.36 144.99 145.96 2819
2820 18 8.62 66 2.53 357.9 978616.55 178.50 138.45 144.45 0.48 1.13 8.27 0.11 9.40 147.37 152.04 2820
2821 18 9.52 66 3.38 450.0 978600.20 189.78 139.43 146.97 0.59 1.32 9.22 0.42 10.54 149.38 155.43 2821
2822 18 8.18 66 4.85 495.0 978594.87 199.52 144.13 152.43 0.64 0.49 8.68 0.04 9.17 152.66 159.68 2822
2823 18 7.78 66 4.24 533.0 978586.47 203.21 143.57 152.50 0.68 0.49 9.41 0.38 9.90 152.79 160.34 2823
2824 18 7.47 66 4.72 636.4 978564.38 213.31 142.10 152.77 0.79 1.38 10.36 0.28 11.74 153.05 162.08 2824
2825 18 7.13 66 4.28 739.6 978540.29 221.06 138.41 150.79 0.89 1.48 12.04 0.32 13.52 151.04 161.53 2825
2826 18 6.92 66 3.17 903.0 978500.97 232.66 131.62 146.75 1.03 4.04 17.90 0.97 21.94 152.52 164.52 2826
2827 18 4.70 66 5.13 645.0 978558.22 212.25 140.08 150.89 0.80 0.82 10.66 0.09 11.48 150.76 159.97 2827
2828 18 3.52 66 5.37 590.0 978565.63 203.74 137.72 147.61 0.74 1.09 10.86 0.24 11.95 148.93 157.14 2828
2829 18 2.25 66 6.54 205.0 978634.25 154.63 131.69 135.13 0.29 0.02 10.23 0.44 11.05 142.46 144.28 2829
2830 18 0.77 66 6.97 110.3 978653.64 146.10 133.75 135.61 0.16 0.51 9.02 0.15 9.53 143.13 143.57 2830
2831 18 0.14 66 6.87 85.3 978658.51 143.81 134.27 135.70 0.12 0.16 8.76 0.06 8.42 142.57 142.75 2831

2832	1.60	66	7.85	333.0	978609.77	170.24	132.98	138.56	0.45	2.43	9.42	0.50	11.85	144.38	149.25
2833	18	2.02	66	7.20	511.7	978571.28	186.54	129.28	0.66	4.76	11.71	0.84	16.47	145.10	151.30
2834	18	3.14	66	8.29	657.0	978547.76	206.88	133.36	0.81	2.59	11.87	0.36	14.46	147.01	155.98
2835	18	4.55	66	8.78	726.0	978534.20	213.37	132.13	0.88	3.37	12.68	0.56	16.05	147.30	157.20
2836	18	5.12	66	9.48	726.0	978538.37	217.04	135.80	0.88	0.93	12.50	0.44	13.43	148.35	158.64
2837	18	6.11	66	9.57	550.0	978576.56	202.07	140.05	0.71	1.00	9.38	0.25	10.33	149.72	157.63
2838	18	7.62	66	7.17	364.0	978616.46	187.35	144.38	0.51	0.02	7.84	0.05	7.86	151.74	157.07
2839	18	7.47	66	6.12	480.0	978598.07	198.72	145.01	0.62	1.56	8.53	0.16	10.09	154.48	161.11
2840	18	6.45	66	7.65	447.0	978603.70	195.07	145.05	0.58	1.08	8.38	0.23	9.46	153.93	160.09
2841	18	8.36	66	7.32	390.0	978617.97	189.95	146.31	0.52	0.03	7.60	0.00	7.63	153.42	158.90
2842	18	11.15	65	58.43	130.0	978656.57	145.91	131.36	0.18	0.23	6.44	0.02	6.67	137.84	139.05
2843	18	10.83	65	59.90	157.0	978657.18	155.15	137.58	0.22	0.30	6.78	0.08	7.08	144.44	146.05
2844	18	10.40	65	58.64	94.8	978661.26	140.40	129.79	0.14	0.33	6.65	0.03	6.98	136.64	137.20
2845	18	9.73	65	59.92	213.0	978642.75	158.99	135.16	0.30	0.08	7.19	0.07	7.27	142.13	144.66
2846	18	9.59	66	0.72	300.0	978625.57	168.79	135.22	0.41	1.27	7.87	0.35	9.14	143.96	147.68
2847	18	9.03	65	58.92	158.3	978647.18	147.15	129.44	0.22	0.23	6.94	0.02	7.17	136.39	138.00
2848	18	8.56	65	58.85	172.0	978642.77	147.38	128.13	0.24	0.19	7.05	0.05	7.24	135.13	136.97
2849	18	8.39	65	59.71	204.0	978636.24	150.89	128.06	0.28	0.47	7.38	0.16	7.85	135.63	137.91
2850	18	7.47	65	58.06	335.0	978606.24	162.14	124.65	0.45	1.55	8.10	0.18	9.65	133.85	138.09
2851	18	6.95	65	57.18	298.0	978611.72	156.66	128.31	0.40	0.53	7.65	0.01	8.18	131.08	134.92
2852	18	7.33	65	59.30	197.0	978636.65	150.07	128.03	0.27	0.04	7.55	0.05	7.59	135.34	137.55
2853	18	7.40	66	0.97	318.0	978615.31	166.03	130.45	0.43	0.52	8.52	0.19	9.04	139.06	143.10
2854	18	6.28	65	59.86	269.5	978625.05	161.78	131.62	0.37	0.76	8.69	0.27	9.45	140.70	143.86
2855	18	5.48	66	0.07	407.0	978600.17	180.06	134.52	0.54	0.67	9.32	0.35	9.99	143.97	149.38
2856	18	4.78	65	59.44	332.9	978614.59	172.23	134.98	0.45	0.41	8.64	0.03	9.05	143.59	147.88
2857	18	3.55	65	59.40	485.0	978580.35	185.93	131.66	0.63	0.71	10.66	0.26	11.37	142.40	148.92
2858	18	2.36	65	59.95	190.0	978642.00	157.66	136.40	0.27	1.72	9.06	0.53	10.78	146.91	148.52
2859	18	1.50	66	0.78	70.0	978665.05	144.42	136.59	0.10	0.62	8.45	0.14	9.07	145.55	145.38
2860	18	0.03	66	1.55	35.0	978668.72	138.57	134.65	0.05	0.30	7.91	0.03	8.21	142.81	142.18
2861	18	1.50	66	1.81	70.0	978665.33	144.71	136.88	0.10	0.32	8.39	0.16	8.71	145.48	145.37
2862	18	1.95	66	1.83	69.0	978665.69	144.35	136.63	0.10	1.13	8.84	0.29	9.97	146.50	146.17
2863	18	3.50	66	2.10	155.0	978647.42	151.26	133.92	0.22	1.88	9.38	0.15	11.26	144.96	145.90
2864	18	3.15	66	3.42	170.0	978647.32	156.10	137.08	0.24	1.04	9.49	0.39	10.53	147.37	148.67
2865	18	4.78	66	3.33	250.0	978634.22	166.25	138.28	0.34	2.49	11.20	1.19	13.69	151.62	153.82
2866	18	4.72	66	2.40	530.9	978577.62	196.42	137.01	0.68	1.38	10.78	0.52	12.16	148.50	155.68
2867	18	8.72	66	5.81	479.0	978597.70	196.94	143.34	0.62	0.57	8.36	0.10	8.93	151.55	158.44
2868	18	9.83	66	5.87	427.5	978607.49	189.85	142.01	0.56	0.15	7.90	0.07	8.05	149.50	155.55
2869	18	10.64	66	5.41	452.5	978597.43	186.79	136.16	0.59	1.13	8.66	0.38	9.79	145.36	151.57
2870	18	11.32	66	4.23	225.0	978641.67	160.19	135.01	0.31	1.07	7.30	0.10	8.37	143.07	145.64
2871	18	11.33	66	3.64	134.0	978659.23	149.65	134.66	0.19	0.20	7.23	0.10	7.43	141.90	143.06
2872	18	7.91	65	52.34	227.0	978626.63	148.80	123.40	0.31	0.26	7.63	0.05	7.89	130.97	133.64
2873	18	7.22	65	52.78	270.0	978614.80	150.85	120.64	0.37	0.69	8.14	0.05	8.83	129.09	132.35
2874	18	5.52	65	50.87	19.4	978653.42	113.61	111.44	0.03	0.11	7.32	0.04	7.43	118.84	118.06
2875	18	5.79	65	51.58	28.8	978656.72	119.58	116.36	0.04	0.10	7.41	0.13	7.51	123.83	123.19
2876	18	6.61	65	52.22	236.0	978619.51	145.61	115.20	0.33	0.18	8.27	0.06	8.45	127.33	130.07
2877	18	4.93	65	51.52	9.1	978656.63	114.17	113.15	0.01	0.03	7.33	0.00	7.36	120.50	119.55
2878	18	4.61	65	52.23	10.4	978657.15	115.37	114.21	0.02	0.0	7.36	0.00	7.36	121.55	120.62
2879	18	5.43	65	52.76	25.0	978658.69	120.69	117.89	0.04	0.09	7.43	0.05	7.52	125.37	124.67
2880	18	4.03	65	52.64	13.1	978655.90	115.47	114.00	0.02	0.0	7.56	0.00	7.56	121.54	120.63
2881	18	4.42	65	53.33	19.5	978656.87	118.07	115.89	0.03	0.0	7.45	0.01	7.45	123.31	122.53
2882	18	5.03	65	53.93	26.0	978658.12	120.79	117.88	0.04	0.03	7.57	0.10	7.60	125.45	124.75
2883	18	5.73	65	55.23	219.0	978623.65	145.28	120.77	0.30	0.75	7.76	0.12	8.51	123.98	131.42
2884	18	6.54	65	54.32	272.0	978613.14	150.42	119.98	0.37	0.90	8.04	0.01	8.94	128.55	131.83
2885	18	3.08	65	53.04	16.0	978657.31	118.61	116.82	0.02	0.01	8.33	0.00	8.34	125.13	124.16
2886	18	2.78	65	53.68	25.0	978656.03	120.37	117.57	0.04	0.27	9.00	0.66	9.27	126.80	125.84
2887	18	2.91	65	54.46	26.0	978657.31	121.94	119.03	0.04	0.28	8.96	0.46	9.24	128.24	127.29
2888	18	3.13	65	55.41	26.0	978659.05	123.40	120.49	0.04	0.37	8.95	0.34	9.32	129.78	128.82
2889	18	3.77	65	56.52	260.0	978617.76	153.78	124.69	0.36	0.36	8.60	0.07	8.96	133.29	136.36
2890	18	2.42	65	53.06	99.0	978639.30	125.81	115.73	0.14	2.47	9.59	0.55	12.06	127.65	127.53
2891	18	2.05	65	54.39	232.0	978615.93	144.83	118.87	0.32	1.92	10.48	0.28	12.40	130.95	133.03
2892	18	1.07	65	54.09	100.0	978643.10	132.12	120.93	0.14	1.81	10.01	0.18	11.82	132.61	132.54

2893	18	0.20	65	53.65	8.1	978655.18	116.59	115.38	115.82	0.01	0.02	10.45	0.02	10.47	125.14	124.71	2893
2894	17	59.42	65	53.14	22.0	978643.92	110.31	107.35	108.22	0.03	1.44	13.34	0.02	14.78	122.60	120.76	2894
2895	18	0.27	65	52.65	4.5	978650.02	110.25	109.75	109.82	0.01	0.07	11.47	0.07	11.54	121.28	119.62	2895
2896	18	1.35	65	51.35	217.0	978605.16	130.04	105.76	109.40	0.30	2.88	13.66	0.53	16.54	122.00	123.21	2896
2897	18	1.81	65	49.98	3.0	978643.86	102.26	101.32	101.97	0.00	0.04	10.88	0.01	10.92	112.84	111.26	2897
2898	18	2.50	65	50.08	1.0	978651.00	108.19	108.08	108.09	0.00	0.08	9.44	0.01	9.52	117.59	116.18	2898
2899	18	2.43	65	50.72	11.0	978652.96	113.30	112.07	112.25	0.02	0.10	9.33	0.05	9.43	121.49	120.26	2899
2900	18	3.00	65	50.17	1.0	978651.91	108.65	108.54	108.55	0.00	0.0	8.69	0.00	8.69	117.23	115.94	2900
2901	18	3.00	65	50.98	5.5	978657.09	115.22	114.60	114.70	0.01	0.0	8.54	0.00	8.54	123.13	121.95	2901
2902	18	2.77	65	51.98	13.1	978656.42	117.10	115.63	115.85	0.02	0.07	8.88	0.17	8.95	124.56	123.45	2902
2903	18	3.48	65	53.93	18.2	978658.80	120.43	118.39	116.70	0.03	0.0	7.97	0.01	7.97	126.34	125.45	2903
2904	18	3.86	65	55.16	122.0	978642.68	136.03	122.38	124.42	0.17	1.40	8.00	0.10	9.40	131.60	132.27	2904
2905	18	4.54	65	55.69	255.0	978614.01	147.80	119.27	123.54	0.35	0.77	8.52	0.10	9.29	128.20	131.14	2905
2906	18	4.89	65	56.76	269.0	978616.66	154.46	124.36	128.87	0.37	0.40	8.03	0.03	8.43	132.42	135.72	2906
2907	18	5.03	65	57.78	314.0	978609.85	161.43	126.29	131.56	0.42	0.29	8.18	0.01	8.47	134.34	138.40	2907
2908	18	4.97	65	58.12	322.6	978608.70	162.99	126.39	132.30	0.44	0.22	8.22	0.01	8.44	134.90	139.11	2908
2909	18	3.02	65	58.48	270.0	978620.59	160.46	130.25	134.77	0.37	1.45	8.84	0.16	10.29	140.17	143.21	2909
2910	18	1.98	65	57.11	110.0	978648.12	139.41	127.10	128.95	0.16	0.60	9.06	0.26	9.66	136.61	137.03	2910
2911	18	1.17	65	55.93	24.0	978662.91	128.36	125.67	126.08	0.03	0.32	9.24	0.11	9.56	135.20	134.17	2911
2912	18	0.60	65	55.98	31.0	978650.81	128.93	125.46	125.98	0.05	0.12	9.56	0.07	9.68	135.10	134.17	2912
2913	18	0.47	65	55.24	23.8	978662.36	128.37	125.71	126.11	0.03	0.01	9.53	0.02	9.54	135.21	134.19	2913
2914	17	59.95	65	55.30	60.0	978652.32	129.97	123.26	124.26	0.09	0.76	10.43	0.19	11.19	134.36	133.70	2914
2915	18	0.42	65	54.32	8.7	978660.07	121.46	120.45	120.63	0.01	0.09	9.88	0.01	9.97	130.44	129.10	2915
2916	18	3.38	65	51.69	7.3	978656.37	114.73	113.91	114.04	0.01	0.0	8.11	0.00	8.11	122.01	120.22	2916
2917	18	4.23	65	51.52	6.4	978654.74	112.06	111.34	111.45	0.01	0.0	7.57	0.00	7.57	118.90	117.87	2917
2918	18	4.53	65	50.23	4.0	978653.81	110.13	109.68	109.75	0.01	0.19	7.66	0.03	7.85	117.52	116.42	2918
2919	18	3.81	65	49.32	1.5	978646.14	102.32	102.55	102.18	0.00	0.06	8.23	0.01	8.29	110.44	109.22	2919
2920	18	4.75	65	49.24	19.0	978640.97	101.73	99.60	99.92	0.03	0.12	7.76	0.04	7.88	107.45	106.59	2920
2921	18	6.07	65	49.92	35.1	978647.88	112.44	108.51	109.10	0.05	0.07	7.30	0.05	7.37	115.83	115.33	2921
2922	18	6.80	65	49.36	32.1	978651.82	114.80	111.21	111.75	0.05	0.15	7.21	0.03	7.22	118.42	117.88	2922
2923	18	6.27	65	48.90	14.0	978649.96	107.82	105.25	106.49	0.02	0.01	7.21	0.01	7.22	113.45	112.61	2923
2924	18	6.88	65	47.86	10.0	978654.26	110.35	109.23	109.40	0.01	0.0	7.06	0.00	7.06	116.27	115.39	2924
2925	18	6.13	65	47.75	1.0	978648.52	102.50	102.35	102.40	0.00	0.0	7.17	0.00	7.17	109.56	108.50	2925
2926	18	5.16	65	47.90	2.0	978641.22	96.37	96.15	96.18	0.00	0.04	7.65	0.00	7.69	103.83	102.71	2926
2927	18	5.78	65	47.84	0.2	978645.66	99.71	99.69	99.69	0.00	0.0	7.36	0.00	7.36	107.05	105.95	2927
2928	18	7.05	65	50.07	70.0	978650.51	124.93	117.15	118.32	0.10	0.80	7.17	0.13	7.97	125.01	125.01	2928
2929	18	0.03	66	2.64	60.0	978665.11	142.69	135.98	136.98	0.09	0.30	7.99	0.04	8.29	144.17	143.95	2929
2930	17	59.66	66	3.20	42.7	978667.31	139.88	135.10	135.82	0.06	0.0	7.91	0.04	7.91	142.95	142.49	2930
2931	18	0.52	66	3.55	60.0	978664.67	141.82	135.11	136.11	0.09	0.73	8.53	0.23	9.26	144.28	143.91	2931
2932	18	1.47	66	3.52	155.0	978648.27	153.91	136.57	139.16	0.22	0.78	9.13	0.27	9.91	146.25	147.40	2932
2933	18	1.47	66	4.63	303.0	978617.09	168.42	134.51	139.59	0.41	1.61	9.62	0.43	11.23	145.34	148.80	2933
2934	17	59.17	66	3.36	30.6	978668.41	137.67	134.25	134.76	0.04	0.0	7.83	0.01	7.83	142.03	141.38	2934
2935	17	58.58	66	3.54	15.8	978670.15	135.36	133.55	133.86	0.02	0.0	7.79	0.00	7.79	141.36	140.46	2935
2936	17	57.91	66	3.94	1.5	978670.29	131.67	131.50	131.53	0.00	0.01	7.85	0.00	7.86	139.36	138.21	2936
2937	17	58.83	66	4.39	18.2	978671.03	136.76	134.12	135.03	0.03	0.0	7.74	0.00	7.74	142.44	141.59	2937
2938	17	59.45	66	5.30	45.0	978667.60	141.05	136.01	136.77	0.07	0.05	8.12	0.04	8.17	144.12	143.66	2938
2939	17	58.13	66	5.34	4.0	978671.96	133.92	133.47	133.54	0.01	0.0	7.62	0.00	7.62	141.09	140.02	2939
2940	17	58.80	66	5.65	23.5	978669.95	137.34	134.71	135.10	0.03	0.10	7.70	0.03	7.80	142.48	141.71	2940
2941	17	58.88	66	6.65	42.5	978665.97	139.15	134.39	135.11	0.06	0.03	7.61	0.01	7.64	141.97	141.55	2941
2942	17	58.10	66	6.70	27.5	978665.35	134.59	131.51	131.97	0.04	0.0	7.54	0.00	7.54	139.01	138.35	2942
2943	17	57.08	66	6.86	10.0	978665.72	130.45	129.33	129.50	0.01	0.02	7.71	0.00	7.73	137.05	136.06	2943
2944	17	57.87	66	2.27	1.0	978664.56	125.82	125.71	125.72	0.00	0.0	8.26	0.00	8.26	133.96	132.74	2944
2945	17	57.65	66	2.64	1.0	978663.48	124.94	124.83	124.84	0.00	0.0	8.30	0.00	8.30	133.13	131.90	2945
2946	17	58.78	66	2.46	8.5	978670.42	133.20	132.25	132.39	0.01	0.0	7.87	0.00	7.87	140.10	139.07	2946
2947	17	58.62	66	1.80	1.0	978669.75	130.36	130.25	130.26	0.00	0.0	8.01	0.00	8.01	138.26	137.08	2947
2948	17	59.01	66	1.90	5.6	978672.20	133.89	133.26	133.36	0.01	0.0	7.90	0.00	7.90	141.16	140.07	2948
2949	17	59.22	66	1.08	5.2	978671.89	133.27	132.69	132.78	0.01	0.0	7.93	0.00	7.93	140.61	139.51	2949
2950	18	0.17	65	59.56	26.0	978669.95	136.91	134.00	134.44	0.04	0.29	8.53	0.14	8.82	142.78	141.90	2950
2951	18	0.73	65	59.24	67.0	978662.46	141.58	134.09	135.21	0.10	0.83	8.81	0.36	9.64	143.62	143.32	2951
2952	17	59.92	66	0.59	8.7	978673.41	135.24	134.27	134.41	0.01	0.03	8.00	0.01	8.03	142.28	141.23	2952
2953	17	58.83	66	0.23	12.0	978668.05	131.87	130.53	130.73	0.02	0.25	8.38	0.02	8.63	139.14	139.05	2953

2954	17	58.92	65	59.38	18.5	978666.74	12.49	130.42	130.73	0.03	0.21	8.80	0.06	9.01	139.40	130.36	2954
2955	17	59.94	65	58.23	38.0	978663.68	134.55	130.30	130.93	0.06	1.03	9.45	0.36	10.48	140.72	139.80	2955
2956	18	0.77	66	58.18	130.0	978649.30	147.83	133.28	135.46	0.18	1.73	8.32	0.44	10.05	143.15	143.85	2956
2957	17	58.23	65	58.60	2.0	978661.69	122.95	122.73	122.76	0.00	0.01	9.84	0.00	9.85	132.57	131.13	2957
2958	17	58.78	65	58.33	9.4	978666.64	129.69	128.64	128.80	0.01	0.0	9.49	0.04	9.49	138.12	136.85	2958
2959	17	58.40	65	57.46	2.7	978661.39	122.71	122.4	122.45	0.00	0.06	10.68	0.04	10.74	133.15	131.58	2959
2960	17	58.50	65	56.39	3.5	978656.67	118.16	117.77	117.83	0.01	0.02	11.67	0.02	11.69	129.45	127.76	2960
2961	17	58.67	65	55.25	3.7	978655.92	117.31	116.90	116.96	0.01	0.55	12.74	0.34	13.29	130.18	128.25	2961
2962	17	59.17	65	54.48	13.0	978657.10	120.93	119.48	119.69	0.02	1.07	12.11	0.04	13.18	132.63	130.98	2962
2963	18	14.60	66	0.58	55.0	978691.67	144.79	138.64	139.56	0.08	0.06	6.42	0.00	6.48	145.04	145.00	2963
2964	18	15.67	66	0.42	49.0	978691.29	151.61	146.13	146.95	0.07	0.01	6.48	0.00	6.49	152.54	152.40	2964
2965	18	15.03	65	59.42	63.4	978691.11	156.44	149.33	150.41	0.09	0.03	6.45	0.02	6.48	155.73	155.84	2965
2966	18	15.62	66	1.68	50.8	978688.95	149.87	144.19	145.04	0.07	0.04	6.56	0.05	6.60	150.71	150.58	2966
2967	18	19.76	65	45.08	91.0	978677.68	147.31	137.13	138.65	0.13	2.16	9.22	0.36	11.38	148.38	148.22	2967
2968	18	19.03	65	44.27	360.0	978619.60	172.92	132.64	138.67	0.48	2.59	10.15	0.47	12.74	144.90	149.10	2968
2969	18	18.39	65	44.00	400.0	978612.47	178.70	133.94	140.65	0.53	1.87	10.28	0.36	12.15	145.56	150.52	2969
2970	18	20.03	65	43.83	96.0	978678.28	149.21	138.47	140.08	0.14	0.26	7.87	0.07	8.13	146.46	146.87	2970
2971	18	19.35	65	43.01	160.0	978662.79	154.08	136.18	138.86	0.23	0.83	7.98	0.16	8.81	144.76	146.16	2971
2972	18	21.00	65	42.46	15.0	978696.31	141.36	139.68	139.93	0.02	0.05	7.30	0.01	7.35	147.01	146.17	2972
2973	18	21.25	65	41.91	7.4	978698.09	140.57	139.74	139.87	0.01	0.03	7.13	0.02	7.16	146.89	145.94	2973
2974	18	20.66	65	41.48	43.0	978689.49	143.49	138.63	139.40	0.06	0.18	7.24	0.05	7.42	146.03	145.65	2974
2975	18	20.98	65	40.76	41.0	978690.10	143.19	138.60	139.29	0.06	0.07	7.04	0.00	7.11	145.65	145.28	2975
2976	18	22.15	65	40.97	2.0	978700.14	140.16	139.94	139.97	0.00	0.01	6.94	0.01	6.95	146.89	145.88	2976
2977	18	22.16	65	42.05	3.5	978700.55	141.02	140.63	140.69	0.01	0.0	7.04	0.00	7.04	147.66	146.66	2977
2978	18	21.95	65	43.40	12.0	978698.68	141.96	140.62	140.82	0.02	0.21	7.21	0.01	7.42	149.02	147.11	2978
2979	18	21.67	65	43.96	19.0	978697.45	143.14	141.0	141.33	0.03	0.19	7.37	0.01	7.56	148.55	147.74	2979
2980	18	20.75	65	44.65	199.0	978557.88	159.96	137.69	141.03	0.28	1.90	8.72	0.34	10.62	148.03	149.82	2980
2981	18	22.53	65	42.82	1.0	978701.16	140.52	140.41	140.42	0.00	0.03	7.10	0.00	7.13	147.54	146.49	2981
2982	18	23.43	65	43.55	1.5	978701.30	140.00	139.83	139.86	0.00	0.0	7.30	0.00	7.30	147.13	146.06	2982
2983	18	23.04	65	44.03	2.0	978701.27	140.48	140.26	140.29	0.00	0.0	7.29	0.00	7.29	147.54	146.49	2983
2984	18	23.02	65	44.80	2.5	978701.50	140.88	140.60	140.64	0.00	0.02	7.36	0.00	7.38	147.98	146.92	2984
2985	18	22.34	65	45.14	34.0	978695.55	145.27	141.47	142.04	0.05	0.09	7.39	0.02	7.48	148.89	148.35	2985

