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PRELIMINARY CATALOG OF EARTHQUAKES IN SOUTHERN CALIFORNIA JULY 1974 - SEPTEMBER 1976*

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This report is preliminary and has not been edited or reviewed for conformity with the Geological Survey standards and nomenclature.

* Contribution No. 2875, Division of Geological and Planetary Sciences, California Institute of Technology, Pasadena, California 91125

PRELIMINARY CATALOG OF EARTHQUAKES IN SOUTHERN CALIFORNIA

JULY 1974 - SEPTEMBER 1976

by

Gary S. Fuis, Martin E. Friedman, and James A. Hileman

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INTRODUCTION

There has been a continuing demand on the part of many persons, institutions, commercial companies, government agencies, and so forth for up-to-date maps and tables of earthquakes in southern California. Unfortunately, final catalogues of earthquakes such as Hileman and others (1973), Hill and others (1975a), and Friedman and others (1976) lag in publication as long as two years beyond the end of the recording periods which they cover, owing to the time-consuming process of re-reading seismograms to improve hypocenter solutions. It is, thus, the intent of this report to make public a preliminary version of the catalogue(s) that will cover the period July 1974 - September 1976. Note that this preliminary catalogue repeats some of the earthquakes reported in final form in Friedman and others (1976) for the 6-month period July 1974 - December 1974.

AREA COVERED; INSTRUMENTATION

Earthquakes reported in this catalogue are located primarily in the area outlined in Figure 1, which is taken from Hileman and others (1973). Major faults in this part of southern California are shown.

Locations of seismographic stations used in locating earthquakes reported here are shown in Figure 2 and are listed in Table 1. These seismographic stations are operated jointly by the U.S. Geological Survey (USGS) and the California Institute of Technology (CIT). The division of responsibilities in network operations is indicated in Table 2.

Historically, CIT began systematically recording earthquakes in southern California with seven seismographic stations in 1932. By 1972, this number had grown to about 39. Presently, CIT stations comprise two telemetered networks plus a network of on-site-recording stations. The telemetered networks are the Los Angeles Basin network of 14 stations plus the CIT Telemetered network of 15 stations.

In 1969, the USGS began installing telemetered networks of relatively closely spaced seismographic stations operated at relatively high magnification. The purpose of these networks is to study specific areas of southern California in detail. In 1969, stations were installed in the Santa Barbara Channel area, and in 1973, stations were installed in the Pt. Mugu area. Most of these stations have been amalgamated into the present Santa Barbara-Pt. Mugu network of 15 stations. In 1973, 16 stations were installed in the Imperial Valley, followed in 1974 by 23 stations in the eastern Mojave Desert. In 1975, the 32-station San Bernardino network, 8-station Dos Cuadros network, and 4-station Yuma network were installed. In 1976, the 10-station Carrizo Plain-Palmdale network was installed. The USGS networks are indicated by patterns in Figure 2. (Note that the Yuma and Dos Cuadros networks are not shown in Figure 2 nor listed in Table 1.)

CIT instruments are of various types, including Benioff vertical seismometers, Wood-Anderson (torsion) seismometers, and others. Benioff seismometers (T_{seis} = 1 second) are common at stations in CIT's telemetered networks. Signals from these instruments are filtered in the field (T_{filter} = 0.2 second) and telemetered to the CIT Seismological Laboratory where they are recorded on 16 mm films along with a WWVB time code in Develocorders (T_{galvo} = 0.06 second). Peak magnification (ground to viewer screen) ranges from about

10^5 to about 10^6 and occurs at T_{peak} = 0.2 seconds (or 5hz). (Refer to Hileman and others, 1973, and Friedman and others, 1976, for a station by station description of instrumentation.) Instruments at all USGS stations are L-4C Mark Products vertical seismometers (T_{sies} = 1 sec.). Signals from these instruments are filtered in the field (T_{filter} = 0.1 sec.) and telemetered to the CIT Seismological Laboratory as are the CIT signals. They are similarly recorded on 16 mm films in Develocorders. Peak magnification ranges from 10^5 to about 10^8 and occurs at T_{peak}= 0.06 sec.(or 14 hz). (Refer to Wesson and others, 1973, or Hill and others, 1975a, for a somewhat more detailed description of USGS instrumentation.)

DATA ANALYSIS

The USGS is responsible for analyzing data from the Mojave, Imperial Valley, Yuma, and Carrizo Plain-Palmdale networks. CIT is responsible for analyzing data from the San Bernardino, Santa Barbara-Pt. Mugu, Dos Cuadros, L. A. Basin, and CIT Telemetered networks (Table 2).

The data is analyzed using methods developed for the analysis of similar data from the USGS central California network (see, for example, Lee and others, 1972b,and Wesson and others, 1973). In particular, the following steps are taken:

1) Each group visually scans the films recorded from their respective networks. Earthquakes and other seismic disturbances (blasts) are noted on scan sheets.

2) Earthquakes that are recorded "impulsively" on 3 or more stations are manually timed. An "impulsive" signal is formally defined as one in which a) there is no question that the first motion seen is the first

arrival, b) the amplitude of the first swing is five times the amplitude of the noise and c) the arrival can be picked with an error of 0.1 second or less. Each analysis group supplies arrival-time data from its respective network stations. A crude preliminary location for an earthquake is generally taken to be the location of the station with the earliest arrival time. The group in whose network the crude preliminary location falls is then responsible for locating the earthquake by computer. In addition, CIT performs a separate computer locations for earthquakes in the USGS networks as follows: CIT locates many earthquakes in the magnitude range 2.5 - 3.0, most earthquakes in the magnitude range 3.0 - 3.5, and virtually all earthquakes of magnitude greater than 3.5.

3) The arrival-time data are punched on computer cards, and the cards are processed using the computer program HYPO71 (Lee and Lahr, 1972) to yield preliminary determinations of origin time, hypocenter location, and, in some cases, magnitudes and statistical data concerning the hypocenter solution. HYPO71 generates a summary card containing the above information for each earthquake.

4) The summary cards from both analysis groups are compiled. Information from these cards is listed in this catalog (Table 3) and the preliminary epicenters are plotted on maps in quarterly time intervals (Plates 1-9) and also for the entire time span of the catalogue (Plate 10). Where duplicate locations for an earthquake (see step 2 above) are encountered, the CIT location is given, as a matter of convention in this preliminary catalogue.

DISCUSSION

Earthquake locations are dependent strongly on the velocity model used in the location program; however, epicentral determinations are less strongly dependent on the model than depth determinations, unless the earthquake occurs outside of the perimeter of the station group used in the location. The following velocity models were used:

USGS for		CIT for	
Mojave, Imperial Valley, and Carrizo Plain-Palmdale networks		San Bernardino, L. A. Basin, Santa Barbara, and CIT Telemetered networks	
Velocity (km/sec)	Depth to top of layer (km)	Velocity (km/sec)	Depth to top of layer (km)
4.82	0.0	5.5	0.0
6.1	2.0	6.3	5.5
7.0	20.0	6.7	16.0
8.0	26.0	7.8	37.0

The USGS velocity model is essentially from that of Roller and Healy (1963); it applies only to the Mojave Desert region and part of the Transverse Ranges. This model is inadequate for Imperial Valley (see Biehler and others, 1964); hence all preliminary depth determinations reported in this catalog for Imperial Valley should be discounted.

The CIT velocity model is from that of Kanamori and Hadley (1975) modified to include unpublished data. This model is an average of velocity structures in the western Mojave Desert, Transverse Ranges, L. A. Basin, and Peninsular Ranges.

Earthquake magnitudes reported in this catalog are calculated by the following methods:

1) All earthquakes $\gtrsim$ 3.5. Standard Richter magnitudes are calculated by CIT from amplitudes on Wood-Anderson(torsion)seismometers.

2) All earthquakes $\lesssim$ 3.5 in networks for which CIT has analysis responsibility. Magnitudes are calculated using Wood-Anderson torsion amplitudes, if available, plus amplitudes from CIT vertical seismometers. The latter seismometers have been calibrated by Wood-Anderson seismometers for larger earthquakes (J. M. Nordquist, unpublished data).

3) Earthquakes $\lesssim$ 3.5 in networks for which the USGS has analysis responsibility. If CIT has no duplicate solutions for a given earthquake, magnitudes are calculated using the signal duration method of Lee and others,1972a).

The hypocentral parameters listed in Table 3 are the following:

1) YY, year of occurrence
2) MM, month of occurrence
3) DD, day of occurrence, Greenwich Civil Time
4) HR, hour of occurrence,Greenwich Civil Time
5) MIN, minute of occurrence
6) SEC, second of occurrence
7) LAT, north latitude of epicenter, in degrees
8) LONG, west longitude of epicenter, in degrees
9) DEPTH, depth of hypocenter, in kilometers
10) MAG, magnitude
11) NO, number of P and S arrivals used in locating the earthquake
12) GAP, maximum azimuthal gap between stations contributing P-arrivals

13) DMIN, distance from epicenter to nearest station used in locating the earthquake

14) RMS, root mean square of travel time residuals, R_i, in seconds

$$RMS = \sqrt{\sum_{i=1}^{NO} R_i \ / \ NO}$$

15) ERH, standard error of the epicenter, in kilometers

16) ERZ, standard error of the focal depth, in kilometers

17) Q, solution quality of the hypocenter. These qualities, "A", "B", "C", "D", are calculated by CIT for all earthquakes. For an explanation see Hileman and others (1973). "P" refers to a very preliminary solution.

18) M, model used in location. M = 0 throughout this preliminary catalog.

A filter is applied to the events in this catalogue, to eliminate very bad hypocenter solutions. A solution was not listed or plotted unless

1) NO $\geq$ 5

2) GAP $\leq$ 225°

3) DMIN $\leq$ 200km

4) RMS $\leq$ 0.75 seconds ,

<u>if</u> these quantities had been calculated. For numerous CIT solutions, these quantities have not been calculated, and in these cases, the columns for these quantities are filled with 9's.

Some blasts have been eliminated from this catalogue, but others remain. Below is a list of approximate coordinates for locations at which blasts have been detected.

Eagle Mountain Mine

33°53' 115°32'

Hector Mine

34°45' 116°25'

} these blasts have been eliminated from this catalog

Cushenberry Quarries

34°21' 116° 51' - 56'

Oro Grande Quarry

34°36' 117°19'

Sidewinder Quarry

34°38' 117°07'

Slover Mountain Quarry

34°04' 117°21'

Gypsum Quarry

33°52' 117°42'

Corona Quarry

33°51' 117°30'

Boron Mine

35°03' 117°38'

Mojave Quarry

35°02' 118°19'

Monolith Quarry

35°09' 118°23'

Gorman Quarry

34°50' 118°45'

Nevada Test Site

37°14' - 18' 116°22' - 28'

We estimate from a recurrence curve for earthquakes in and near the Mojave network (Figure 3), that the lower magnitude limit of complete coverage in this network is about M = 1.75. This limit probably also holds for the San Bernardino network. A lower limit of M = 2 has been estimated for coverage in the Imperial Valley network (Hill, 1975b). In this catalog, however, we have only CIT locations (see item 2, Data Analysis) for earthquakes in Imperial Valley during the period July 1974 - May 1975. The lower limit of complete coverage during this period is probably M_L = 3.0 - 3.5. Elsewhere in southern California, the lower limit of complete coverage in this catalog varies considerably owing to non-uniform station coverage. Referring to the recurrence curves in Hileman and others (1973), this limit has historically (1932 - 1972) averaged between M_L = 3.5 in the Los Angeles-Santa Barbara area to M_L = 4.5 in the northern Sierra Nevada and M_L = 5.0 in northern Baja, Mexico. In the Los Angeles-Santa Barbara areas the lower limit may presently be as low as M_L = 3.0, owing to increased station coverage.

ACKNOWLEDGMENTS

The field maintenance for stations in CIT's sphere of responsibility (Table 2) was carried out primarily by John Lower, who also did most of the work in receiving and recording signals from all stations. Francis Lehner supervised the maintenance and recording operations. Joe Staten, Jim Vance, Wayne Jackson, and Gene Taylor were primarily responsible for permitting and installing USGS instruments. Joe, Jim, and recently Chuck Koesterer got the new networks through their growth pangs and have accomplished the formidable job in keeping them going.

The monstrous job of analyzing data has been carried out patiently and carefully by Shirley Fisher, Ann Blanchard, Vi Taylor, and Barbara Reed, on CIT's staff, and by Evy Matamoros, Mary K. Wharton, Karen Richter, Barbara Mavko, Peter Hodge, and Donna Jenkins, on the USGS staff.

The enthusiasm and hard work of all of the above people is what made this catalog possible.

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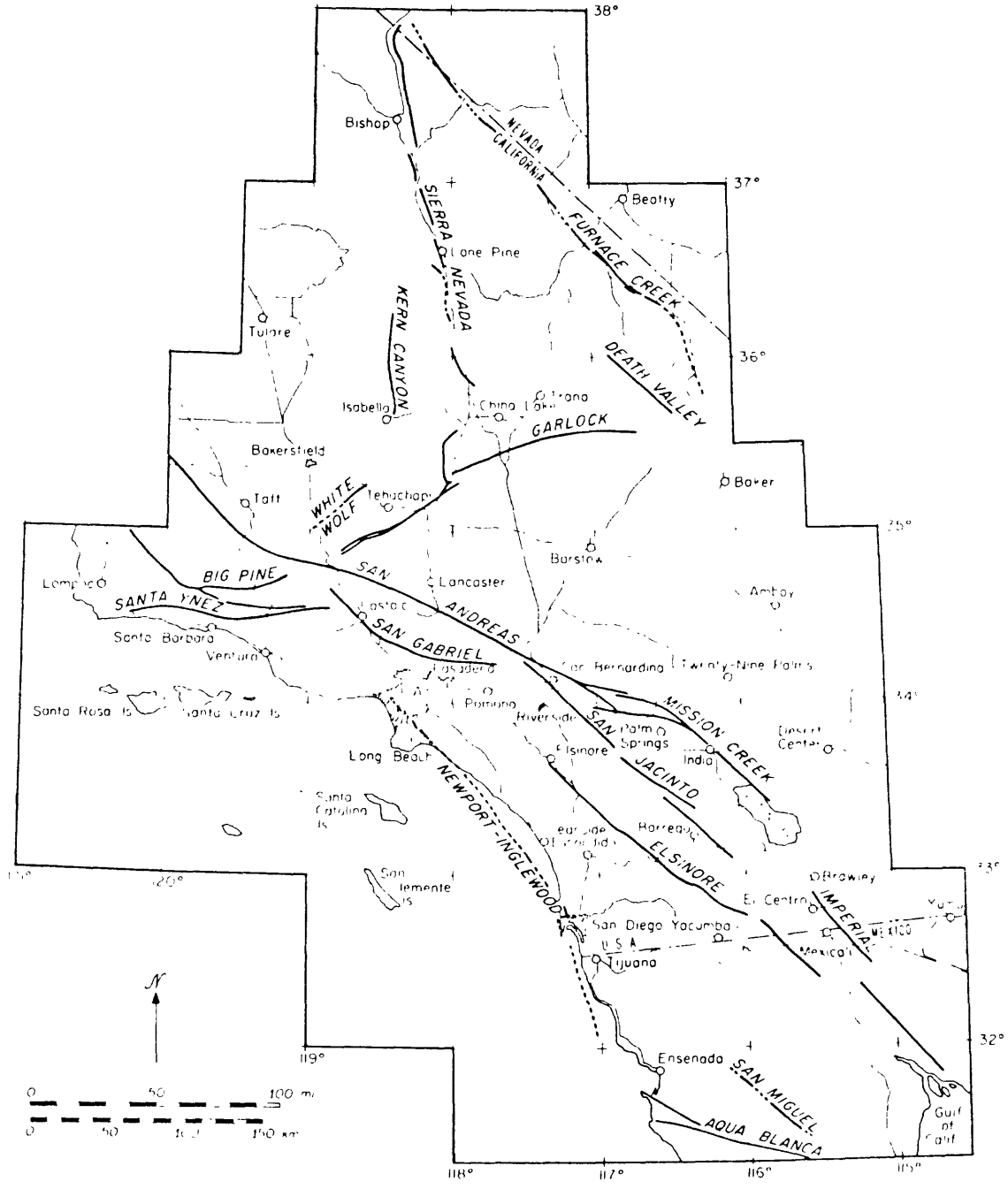


Figure 1. Base map of southern California region with major faults

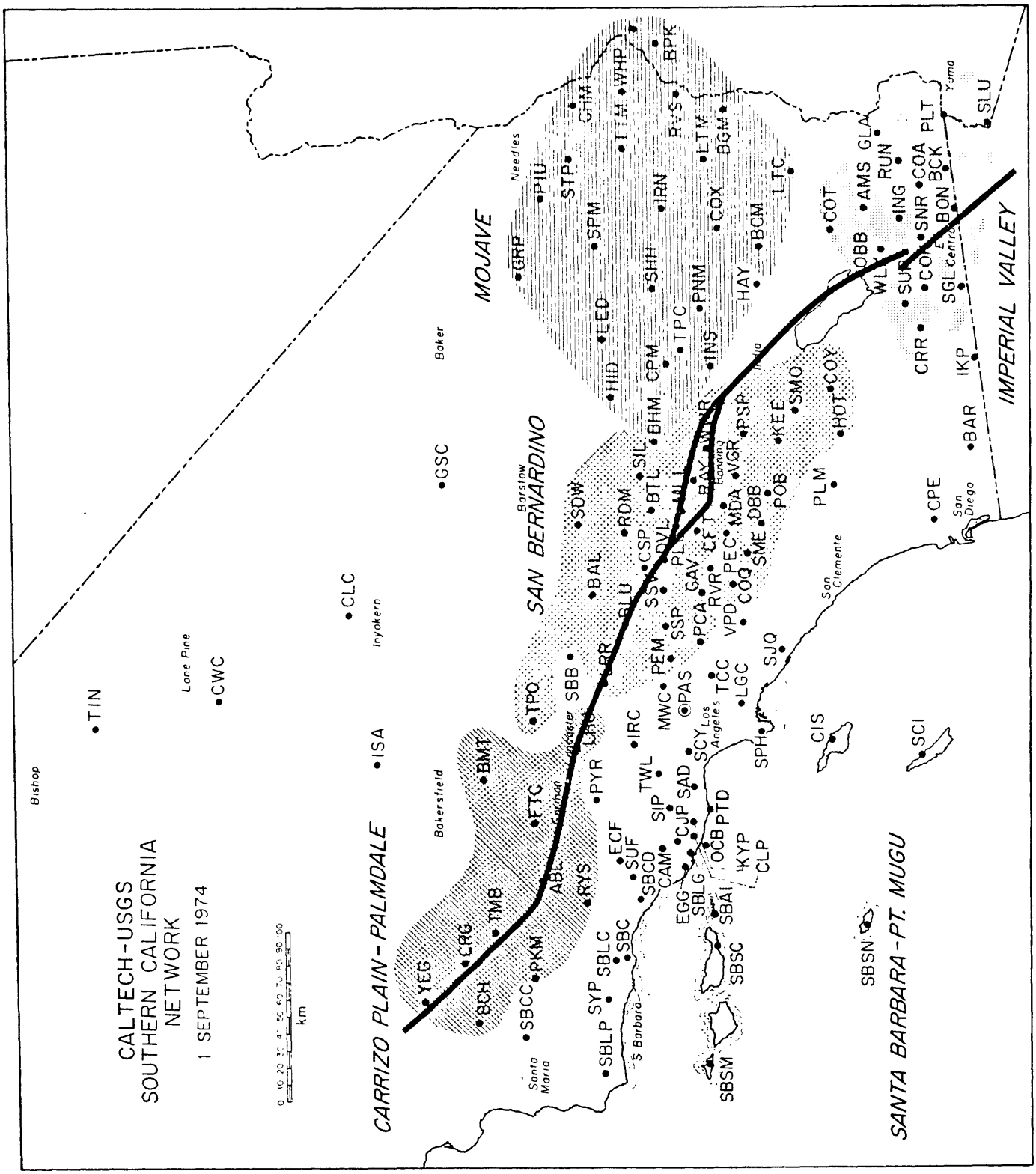


Figure 2. Seismograph station locations in southern California. Dense networks of USGS instruments are indicated by patterns.

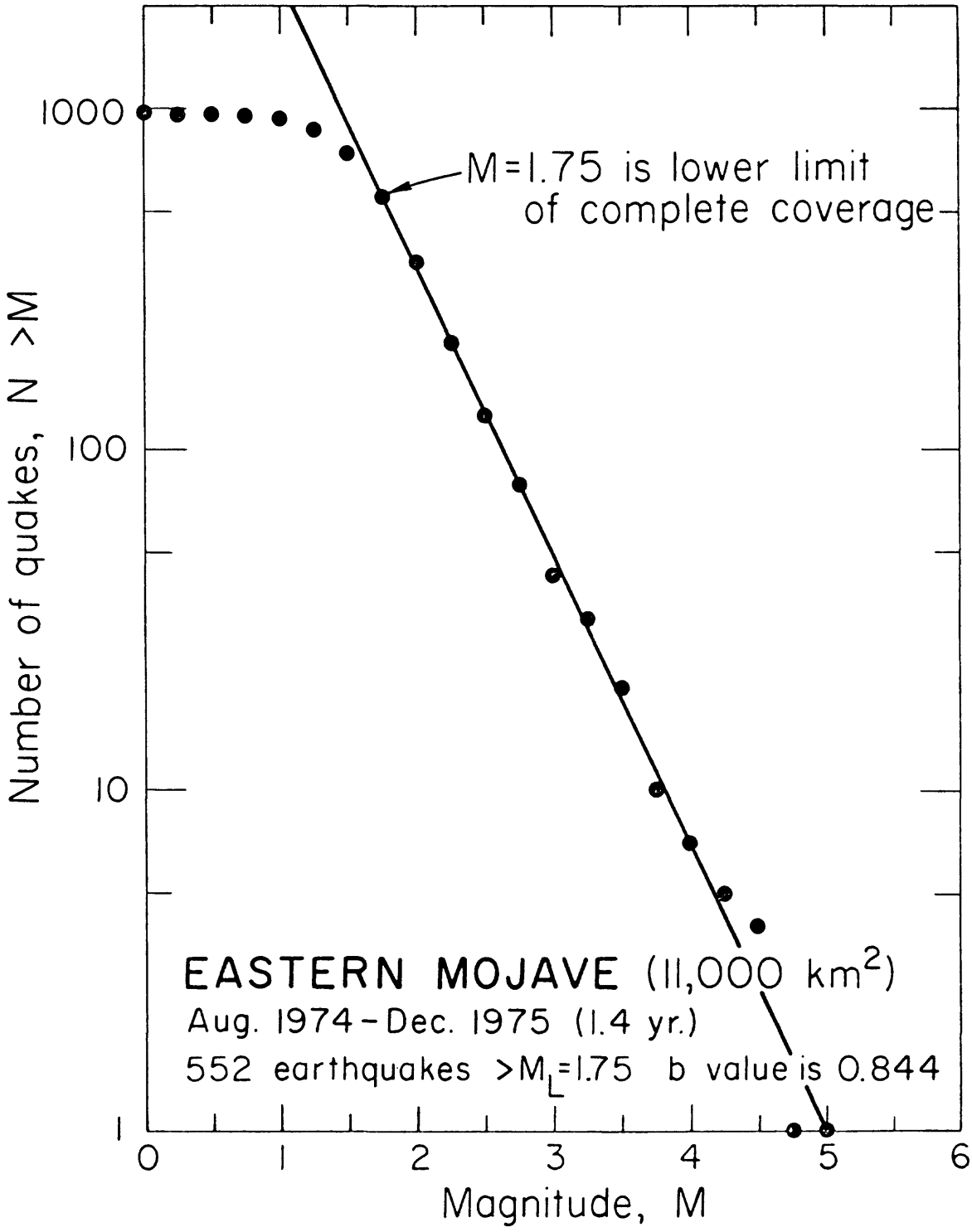
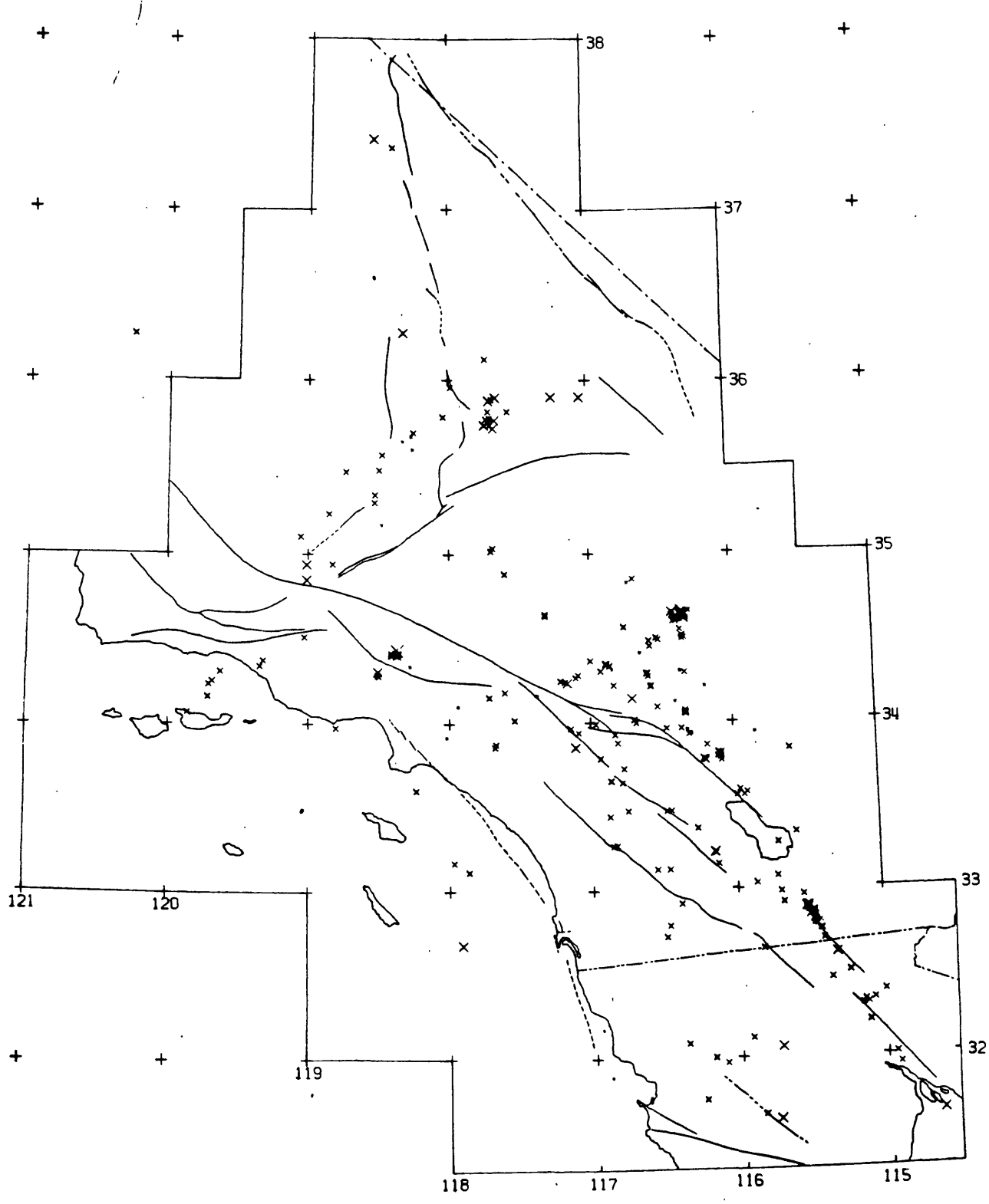


Figure 3. Recurrence Curve for earthquakes in and near the USGS Mojave seismic network.

PLATE 1

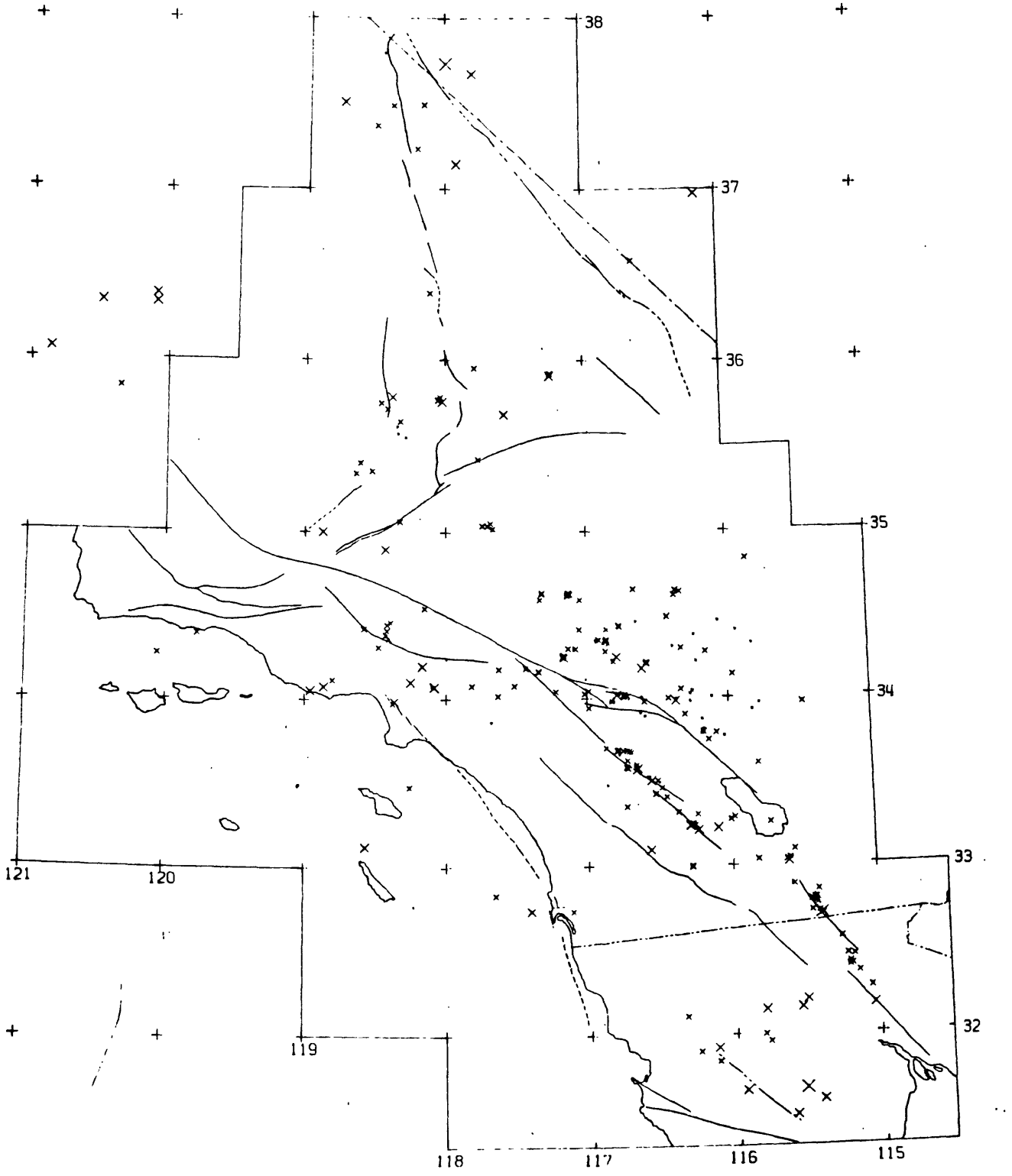


3RD QUARTER, 1974.

FINAL EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

PLATE 2

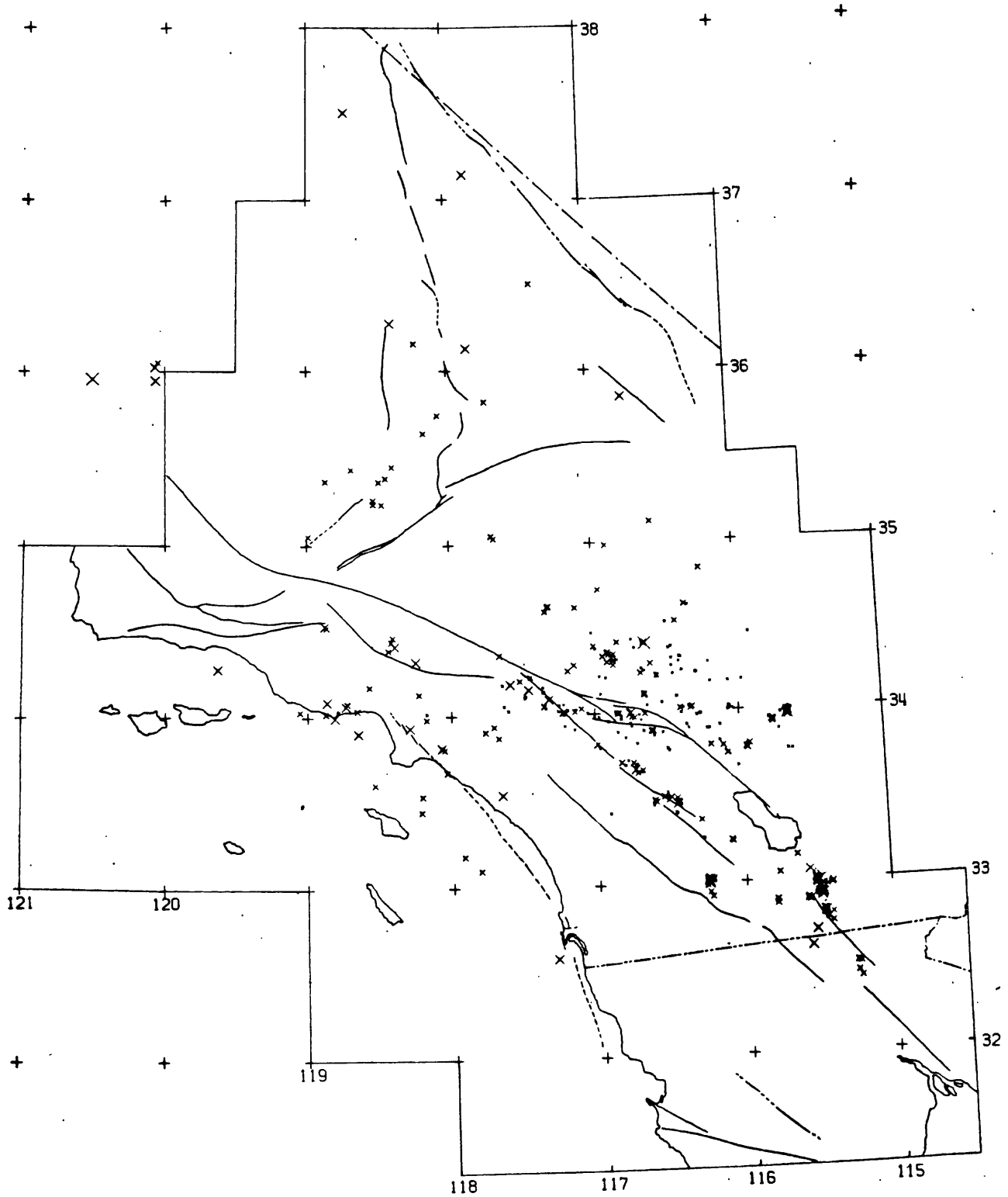


4TH QUARTER, 1974.

FINAL EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

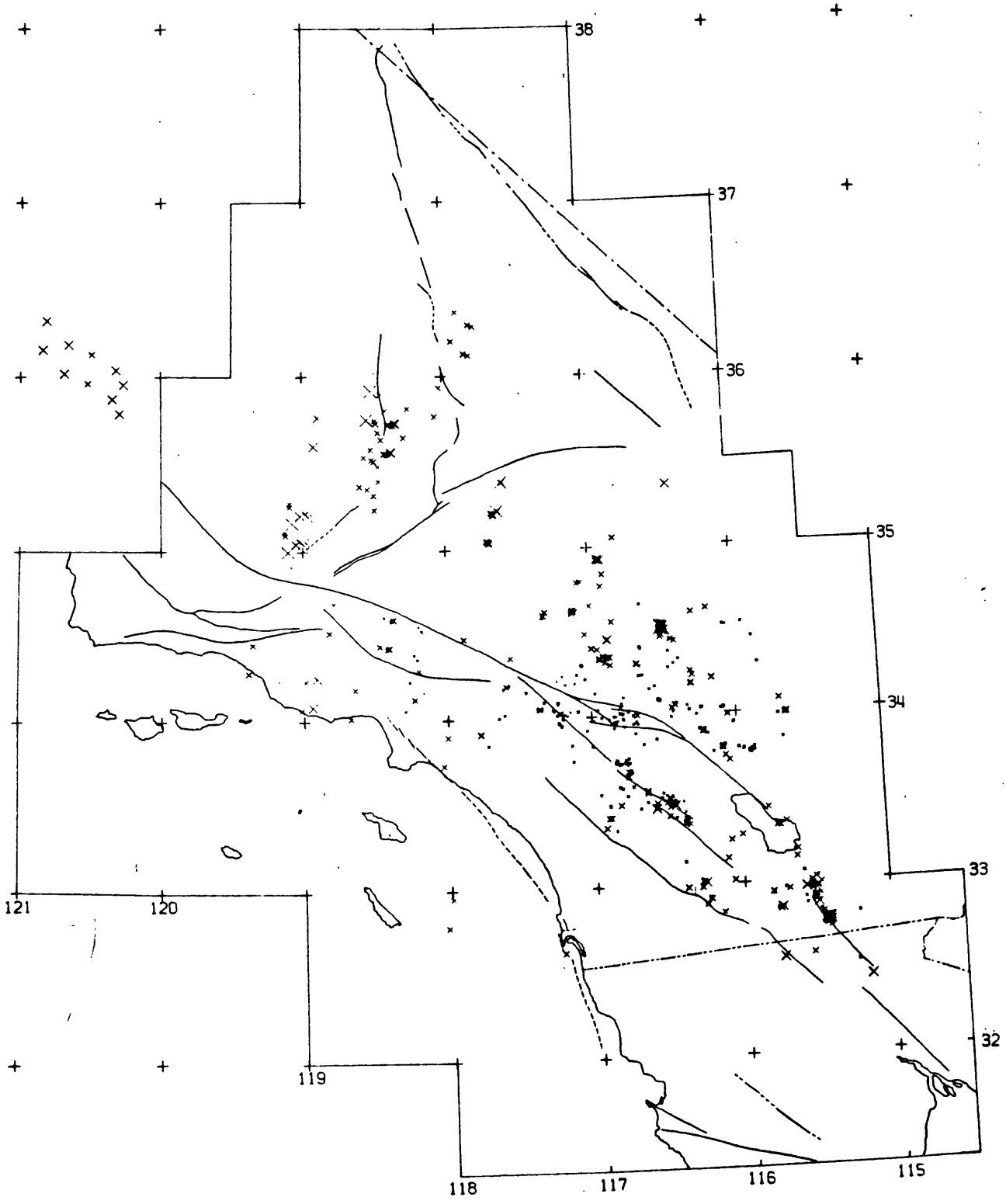
PLATE 3



1ST QUARTER, 1975. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

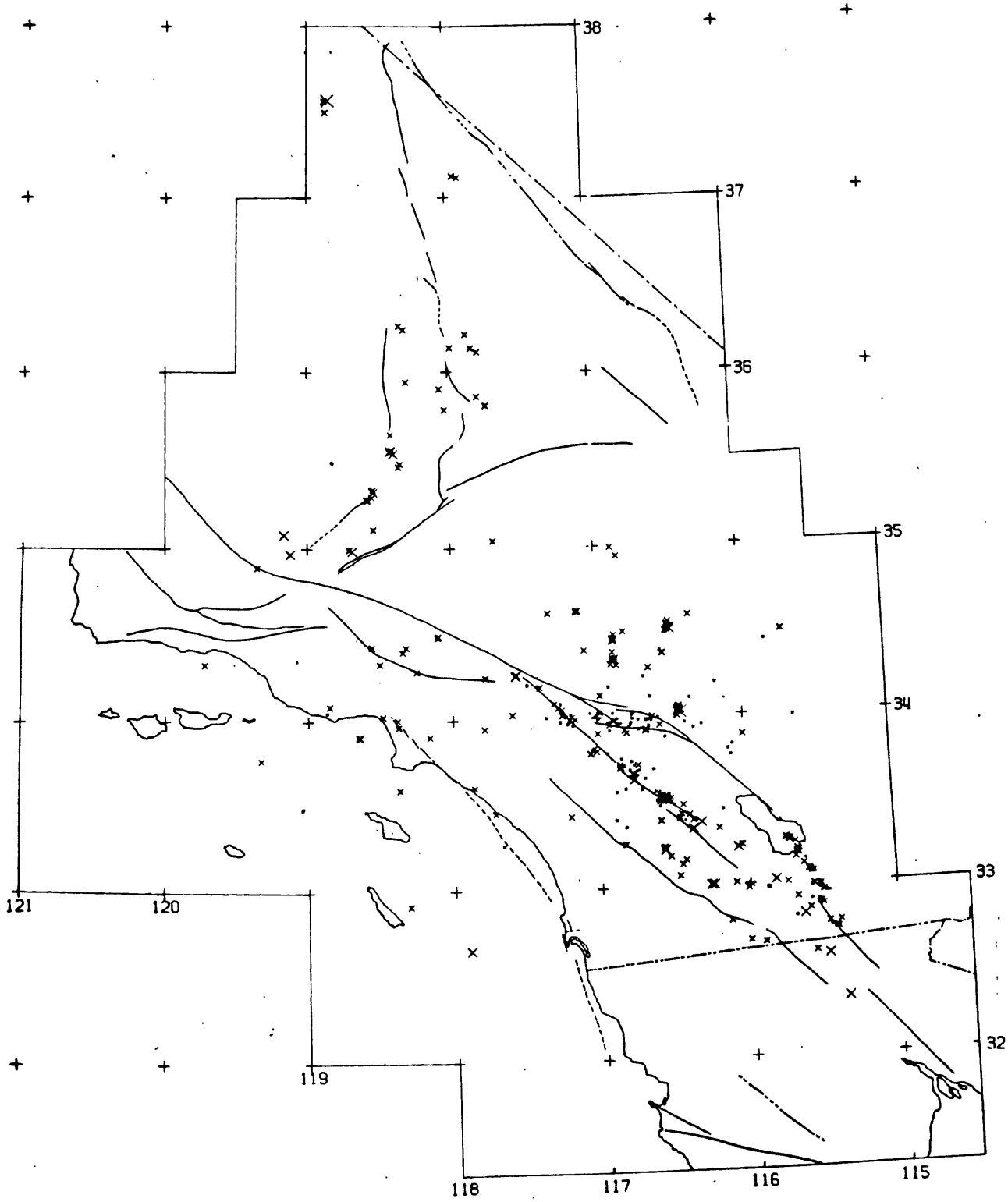
PLATE 4



2ND QUARTER, 1975. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2
M .GE. 2
M .GE. 3
M .GE. 4
M .GE. 5
M .GE. 6

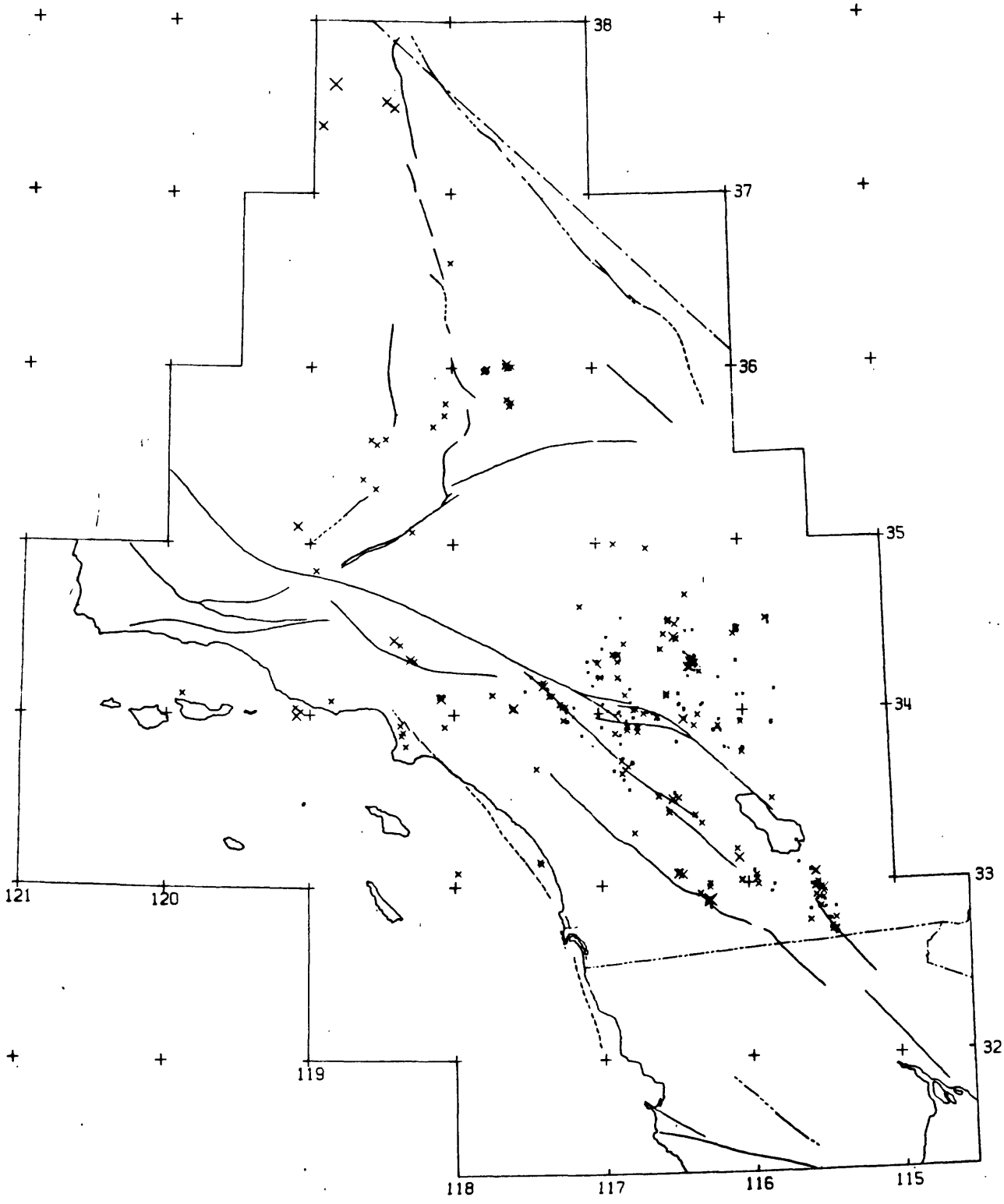
PLATE 5



3RD QUARTER, 1975. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

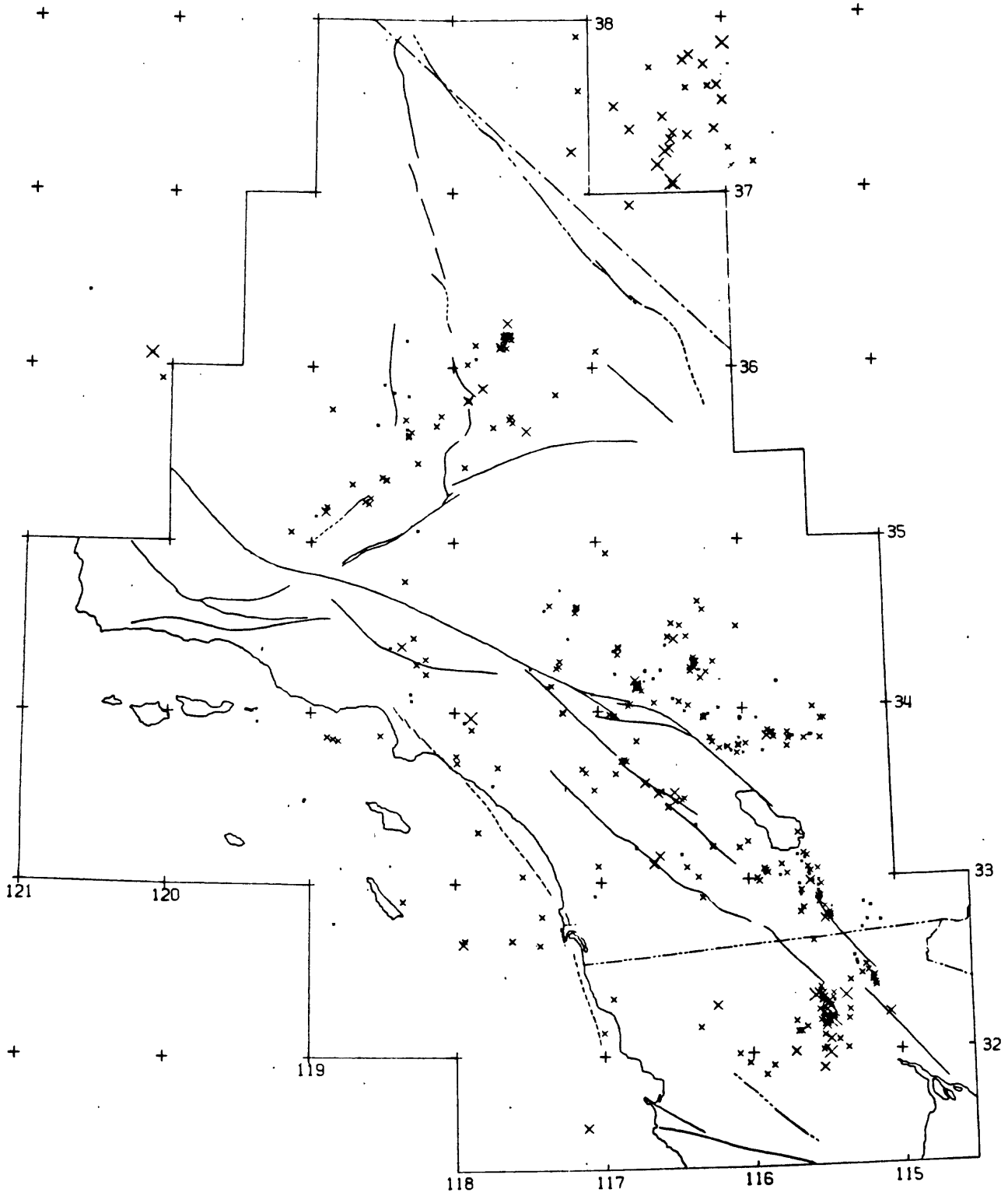
PLATE 6



4TH QUARTER, 1975. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

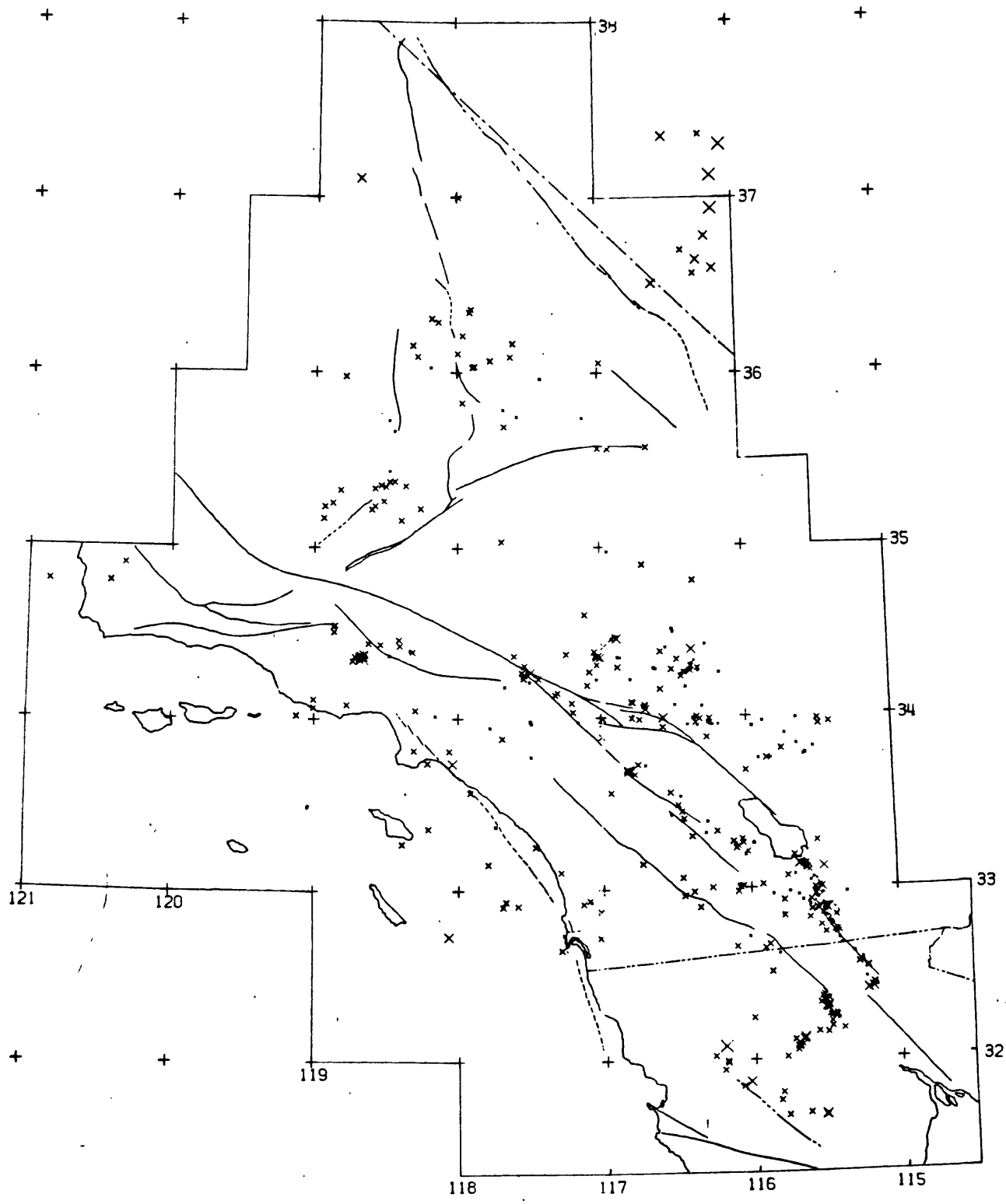
PLATE 7



1ST QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

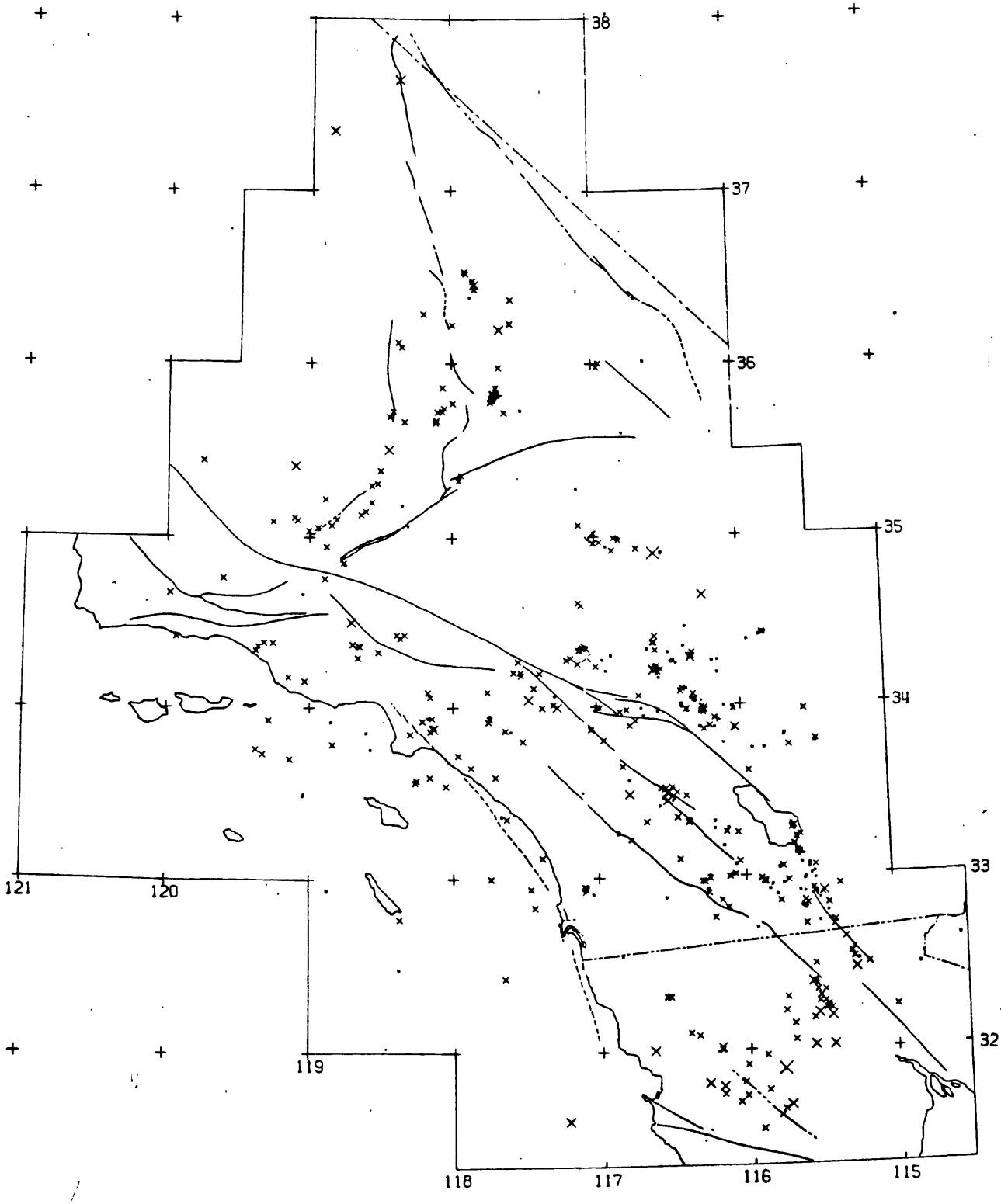
PLATE 8



2ND QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

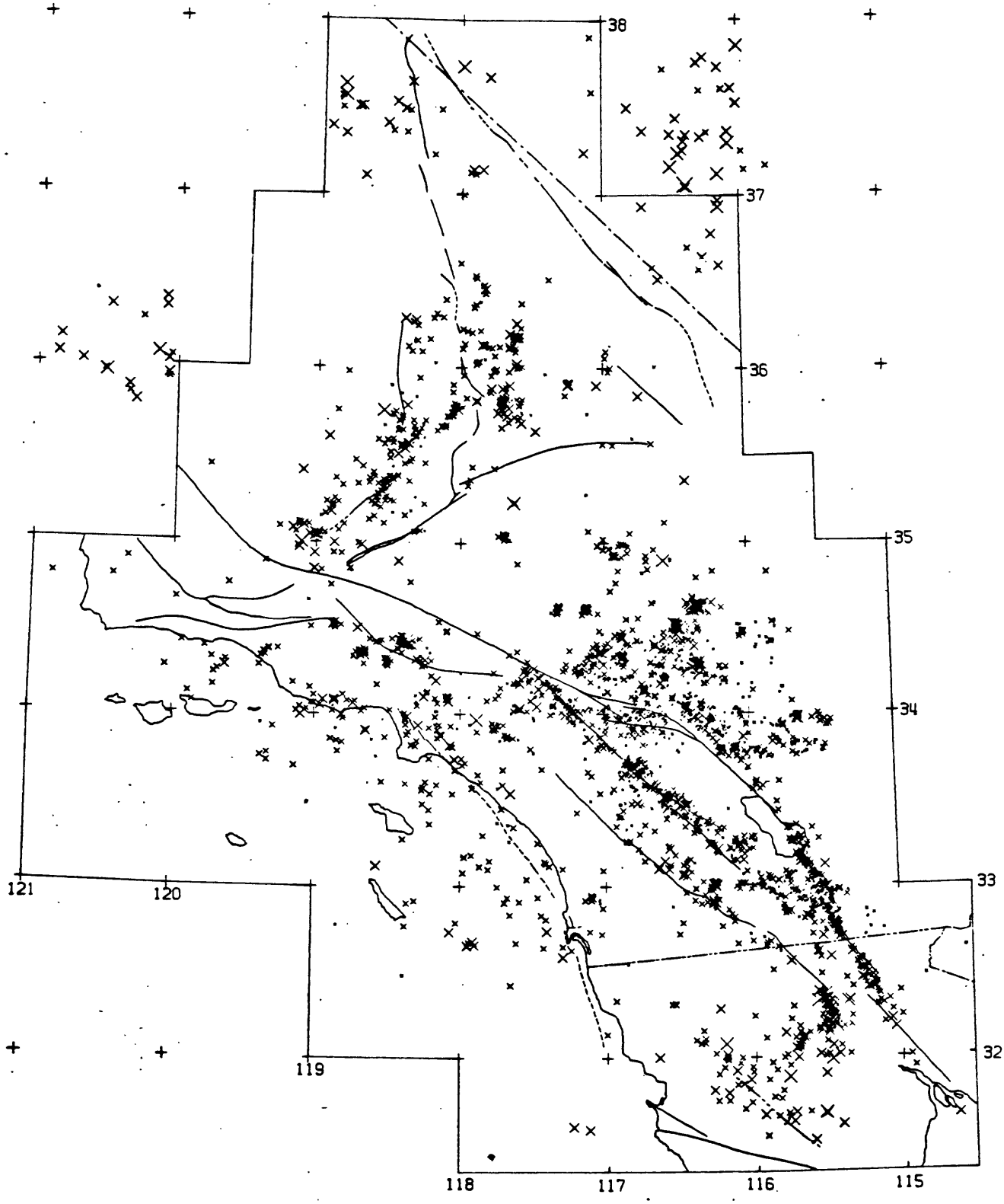
PLATE 9



3RD QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

PLATE 10



JULY, 1974 - SEPT, 1976 PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

M .LT. 2 ·
M .GE. 2 ×
M .GE. 3 ×
M .GE. 4 ×
M .GE. 5 ×
M .GE. 6 ×

TABLE 1

Mojave Network

STA Code	Station Name	Latitude	Longitude	Installation Date
BC2[1]	Big Chuckwalla Mtns.	33°39.42'	115°27.67'	November 1974
BMM, BGM	Big Maria Mtns.	33°45.40'	114°35.14'	April 1974
BPK	Black Peak	34° 7.48'	114°12.58'	April 1974
CMH, CHM	Chemehuevi Mtns.	34°33.18'	114°34.32'	February 1975
CO2[2]	Coxcomb Mtns.	33°50.83'	115°20.68'	November 1974
CPM	Copper Mtn.	34° 9.24'	116°11.80'	June 1974
EAG	Eagle Mtn.	33°50.94'	115°28.39'	November 1974
GRP	Granite Pass	34°48.26'	115°36.27'	April 1974
HDG, HID	Hidalgo Mtn.	34°25.73'	116°18.30'	April 1974
INS	Inspiration	33°56.14'	116°11.66'	April 1974
IRN	Iron Mtn.	34° 9.60'	115°11.04'	September 1974
LED	Lead Mtn.	34°28.06'	115°56.19'	April 1974
LTC	Little Chuckwalla Mtns.	33°29.34'	115° 4.20'	April 1974
LTM	Little Maria Mtns.	33°54.90'	114°55.10'	April 1974
PIU	Piute Mtns.	34°44.42'	115° 5.64'	April 1974
PNM	Pinto Mtns.	33°58.64'	115°48.05'	April 1974
RMR[3]	Rimrock	34°12.77'	116°34.52'	November 1974
RVS	Riverside Mtns.	34° 2.08'	114°31.08'	April 1974
SHH	Sheep Hole Mtns.	34°11.26'	115°39.27'	April 1974
SPM	Ship Mtns.	34°28.32'	115°24.16'	April 1974
STP	Stepladder Mtns.	34°34.27'	114°50.88'	April 1974
TTM	Turtle Mtn.	34°20.12'	114°49.65'	April 1974
WH2[4]	Whipple Mtns.	34°18.87'	114°24.55'	October 1974
ROD	Rodman Mtn.	34°37.78'	116°36.29'	May 1976

Imperial Valley Network

AMS	Amos	33° 8.48'	115°15.25'	March 1973
BON	Bonds Corner	32°41.67'	115°16.11'	March 1973
BSC	Brocks Farm	32°43.49'	115° 2.64'	March 1973
COA	Coachella	32°51.81'	115° 7.36'	March 1973
COK	Cook Ranch	32°50.95'	115°43.61'	April 1973
COT	Chocolate Mtn.	33°18.29'	115°21.20'	March 1973
CRR	Carrizo	32°53.18'	115°59.10'	March 1973
ING	Ingram Ranch	32°59.30'	115°18.61'	March 1973
OBB	Obsidian Butte	33°10.04'	115°38.20'	April 1973
PLT	Pilot Knob	32°43.87'	114°43.76'	March 1973
RUN	Ruthven	32°58.33'	114°58.63'	March 1973
SGL	Signal Mtn.	32°38.95'	115°43.52'	March 1973
SLU	San Luis	32°30.10'	114°46.64'	March 1973
SNR	Schaffner Ranch	32°51.71'	115°26.21'	March 1973
SUP	Superstition Mtn.	32°57.31'	115°49.43'	March 1973
WLK	Wiest Lake	33° 3.08'	115°29.44'	March 1973

[1]Replaced a nearby station BCM which was in existence since April 1974
[2]Replaced a nearby station COX which was in existence since April 1974
[3]Replaced a nearby station BHM which was in existence since April 1974
[4]Replaced a nearby station WHP which was in existence since April 1974

TABLE 1 (Cont'd.)

San Bernardino Network

STA Code	Station Name	Latitude	Longitude	Installation Date
ADL	Adelanto	34°33.38'	117°25.02'	February 1975
BLU	Blue Ridge	34°24.40'	117°43.61'	February 1975
BTL	Butler Peak	34°15.43'	117°00.20'	November 1975
CFT	Crafton Hills	34° 2.11'	117° 6.66'	January 1975
CKC	Cook Canyon	34° 8.18'	117°10.48'	April 1975
COQ	Corona Quarry	33°51.63'	117°30.58'	January 1976
COY	Coyote Mtn.	33°21.84'	116°18.63'	January 1976
DB2[1]	Double Butte	33°44.10'	117° 3.72'	April 1975
DVL	Devil Canyon	34°11.99'	117°19.69'	December 1974
GAV	Glen Avon	34° 1.35'	117°30.74	January 1976
HOT	Hot Springs Mtn.	33°18.84'	116°34.89'	January 1976
KEE	Keen Camp Maint. Sta.	33°38.30'	116°39.19'	February 1975
LRR	Little Rock Reservoir	34°31.56'	118°01.66'	May 1976
MDA	Mount Davis	33°54.78'	116°59.97'	January 1975
MLL	Mill Creek	34° 5.48'	116°56.18'	December 1974
PCF	Pomona	34° 3.19'	117°47.44'	January 1976
PEM	Pine Mtn.	34°10.04'	117°52.18'	February 1976
POB	Polly Butte	33°41.20'	116°55.40'	May 1976
PSP	Palm Springs	33°47.63'	116°32.93'	March 1975
RAY	Raywood Flat	34° 2.18'	116°48.67'	November 1975
RDM	Round Mtn.	34°24.0'	117°11.1'	December 1976
SDW	Sidewinder Mine	34°36.55'	117° 4.45'	February 1975
SIL	Silver Peak	34°20.87'	116°49.60'	November 1975
SME	Santa Rosa Mine	33°49.36'	117°21.32'	February 1975
SMO	Santa Rosa Mtn.	33°32.15'	116°27.70'	June 1976
SSK	Sunset Peak	34°12.97'	117°41.32'	January 1976
SSV	San Savaine	34°13.02'	117°29.34'	January 1976
TPO[2]	Tropico Hill	34°52.73'	118°13.66'	May 1976
VGR	Vista Grande	33°50.25'	116°48.53'	December 1975
WWR	Whitewater	33°59.51'	116°39.36'	January 1975
L. A. Basin Network				
CIS	Santa Catalina Island	33°24.40'	118°24.20'	July 1971
IRC	Iron Canyon	34°23.40'	118°24.00'	November 1971
MWC	Mount Wilson	34°13.40'	118° 3.50'	April 1928
PAS	Pasadena	34° 8.95'	118°10.29'	March 1927
PYR	Pyramid	34°34.08'	118°44.50'	November 1970
SCY	Stone Canyon Res.	34° 6.37'	118°27.25'	September 1971
SJQ	San Joaquin Res.	33°37.20'	117°50.70'	July 1971
SNS	San Onofre	33°25.90'	117°32.90'	January 1975
SWM	Sawmill	34°43.00'	118°35.00'	March 1976
TCC	Turnbull Canyon	33°59.67'	118°00.77'	November 1976
TWL	Twin Lakes	34°16.70!	118°35.67'	November 1971
VPD	Villa Park Dam	33°48.90'	117°45.70'	July 1971

[1]Replaced a nearby station DBB which was in existence since February 1975

[2]Replaced a station THR which was in existence since February 1975.

TABLE 1 (Cont'd.)

Carrizo Plain - Palmdale Network

STA Code	Station Name	Latitude	Longitude	Installation Date
ABL	Mount Abel	34°51.05'	119°13.25'	June 1976
BCH	Branch Mtn.	35°11.10'	120°05.05'	June 1976
BMT	Bear Mtn.	35°08.15'	118°35.81'	July 1976
CRG	Crocker Grade	35°14.53'	119°43.40'	June 1976
FTC	Fort Tejon	34°52.4'	118°53.6'	August 1976
LHU	Lake Hughes	34°40.26'	118°24.68'	June 1976
PKM	Peak Mtn.	35°53.75'	119°49.13'	August 1976
RYS	Reyes Peak	34°38.60'	119°21.08'	June 1976
TMB	Temblor Range SE	35°05.24'	119°32.08'	June 1976
YEG	Yeguas Mtn.	35°26.18'	119°57.56'	August 1976

Santa Barbara - Pt. Mugu Network

CAM	Camarillo Hills	34°15.27'	119°02.00'	June 1973
KYP	Key Point	34°06.11'	118°52.77'	June 1973
PTD	Point Dume	34°00.25'	118°48.38'	June 1973
SAD	Saddle Peak	34°04.86'	118°39.90'	August 1973
SBAI	Anacapa Island	34°00.80'	119°26.23'	February 1973
SBCC	Colson Canyon	34°56.38'	120°10.32'	November 1969
SBCD	Casitas Dam	34°22.12'	119°20.63'	November 1971
SBLC	La Cumbre Peak	34°29.79'	119°42.81'	November 1969
SBLG	Laguna Peak	34°06.87'	119°03.85'	November 1969
SBLP	Lompoc	34°33.57'	120°24.02'	November 1969
SBSC	Santa Cruz Island	33°59.68'	119°37.99'	November 1969
SBSM	San Miguel Island	34°02.24'	120°21.01'	November 1969
SBSN	San Nicolas Island	33°14.68'	119°30.38'	March 1970
SIP	Simi Peak	34°12.24'	118°47.94'	June 1973
ECF	Echo Falls	34°27.48'	119°05.44'	November 1975

CIT Tele Network

CLC	China Lake	35°49.00'	117°35.80'	July 1949
CPE	Camp Elliot	32°52.80'	117°06.00'	November 1972
CSP	Cedar Springs	34°17.87'	117°21.33'	November 1970
GLA	Glamis	33°03.10'	114°49.60'	December 1966
GSC	Goldstone	35°18.10'	116°43.30'	November 1961
IKP	Inkopah	32°38.93'	116° 6.48'	November 1972
ISA	Isabella	35°39.80'	118°28.40'	April 1967
PEC	Perris	33°53.51'	117° 9.60'	November 1971
PLM	Palomar	33°21.20'	116°51.70'	December 1966
RVR	Riverside	33°59.60'	117°22.50'	October 1926
SBB	Saddleback Butte	34°41.30'	117°49.50'	January 1974
SCI	San Clemente Island	32°58.80'	118°32.80'	November 1971
SYP	San Ynez Peak	34°31.63'	119°58.67'	June 1967
TPC	Twentynine Palms	34° 6.35'	116° 2.92'	May 1972
VST	Vista	33° 9.40'	117°13.90'	January 1975

TABLE 2

Division of responsibilities in network operations

Network	Vertical Seismometers	Maintenance	Receiving and Recording	Analysis
Mojave	24	USGS	CIT	USGS
Imperial Valley	22	USGS	CIT	USGS
Yuma	4	USGS	CIT	USGS
Carrizo Plain -Palmdale	10	USGS	CIT	USGS
San Bernardino	30	CIT	CIT	CIT
L.A. Basin	14	CIT	CIT	CIT
CIT Telemetered	15	CIT	CIT	CIT
Santa Barbara -Pt. Mugu	15	USGS	CIT	CIT
Dos Cuadros	8	USGS	CIT	CIT
TOTAL	142	USGS: 83 CIT 59	CIT: 142	USGS: 60 CIT: 82

TABLE 3.

Preliminary hypocenter solutions for earthquakes
in southern California July 1974-September 1976

3RD QUARTERS, 1974. FINAL EPICENTERS--EUIS, FRIEDMAN, & HILEMAN

	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	74 7 3	0	56	56.06	37.4[illegible]	118.527	3.69	3.00	99	999	999.0	9.99	999.9	999.9	C	0
2	74 7 4	6	21	45.13	31.997	116.189	13.31	2.90	99	999	999.0	9.99	999.9	999.9	B	0
3	74 7 4	7	54	23.23	34.4[illegible]3	119.365	8.52	2.10	99	999	999.0	9.99	999.9	999.9	A	0
4	74 7 5	13	10	32.93	35.9[illegible]2	117.046	1.55	3.30	99	999	999.0	9.99	999.9	999.9	B	0
5	74 7 5	21	17	30.52	33.264	116.832	12.5[illegible]	2.30	99	999	999.0	9.99	999.9	999.9	B	0
6	74 7 7	7	22	49.88	35.742	117.739	6.6[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	B	0
7	74 7 7	7	44	13.22	35.7[illegible]	117.699	8.0[illegible]	[illegible].30	99	999	999.0	9.99	999.9	999.9	B	0
8	74 7 7	14	32	42.91	33.642	116.786	3.0[illegible]	[illegible].10	99	999	999.0	9.99	999.9	999.9	B	0
9	74 7 7	18	40	30.79	33.2[illegible]1	116.856	13.0[illegible]	2.20	99	999	999.0	9.99	999.9	999.9	B	0
10	74 7 8	0	52	8.37	35.021	117.697	7.0[illegible]	1.70	99	999	999.0	9.99	999.9	999.9	C	0
11	74 7 8	1	9	11.11	35.676	118.266	6.19	1.70	99	999	999.0	9.99	999.9	999.9	B	0
12	74 7 8	8	1	20.85	34.[illegible]99	117.939	9.94	1.70	99	999	999.0	9.99	999.9	999.9	B	0
13	74 7 8	13	20	18.25	35.34[illegible]	118.525	5.07	2.00	99	999	999.0	9.99	999.9	999.9	C	0
14	74 7 8	16	55	56.43	33.119	116.558	8.0[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	B	0
15	74 7 8	17	26	45.71	35.761	117.706	3.16	2.90	99	999	999.0	9.99	999.9	999.9	B	0
16	74 7 9	0	58	49.91	34.1[illegible]2	118.715	8.0[illegible]	2.20	99	999	999.0	9.99	999.9	999.9	C	0
17	74 7 9	15	16	3.14	35.1[illegible]1	119.054	1.94	2.50	99	999	999.0	9.99	999.9	999.9	P	0
18	74 710	7	46	27.99	34.141	116.779	13.9[illegible]	3.30	99	999	999.0	9.99	999.9	999.9	A	0
19	74 711	0	31	5.43	33.119	116.470	8.0[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	B	0
20	74 712	0	57	46.76	33.961	116.488	8.0[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	A	0
21	74 712	1	8	9.33	34.629	116.344	8.0[illegible]	2.80	99	999	999.0	9.99	999.9	999.9	A	0
22	74 712	6	27	44.19	33.973	118.813	12.9[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	B	0
23	74 715	4	37	17.80	34.591	116.360	6.6[illegible]	2.80	99	999	999.0	9.99	999.9	999.9	B	0
24	74 715	6	6	18.78	35.957	117.982	4.31	2.70	99	999	999.0	9.99	999.9	999.9	B	0
25	74 718	18	2	6.30	33.429	116.877	9.15	2.90	99	999	999.0	9.99	999.9	999.9	B	0
26	74 721	17	39	24.30	34.643	116.358	12.3[illegible]	3.90	99	999	999.0	9.99	999.9	999.9	A	0
27	74 721	17	40	56.99	34.647	116.418	8.0[illegible]	2.30	99	999	999.0	9.99	999.9	999.9	C	0
28	74 721	18	19	37.34	34.637	116.353	10.6[illegible]	2.80	99	999	999.0	9.99	999.9	999.9	B	0
29	74 721	22	37	43.85	34.634	116.357	8.0[illegible]	3.00	99	999	999.0	9.99	999.9	999.9	B	0
30	74 722	22	51	55.85	35.768	117.665	5.2[illegible]	3.00	99	999	999.0	9.99	999.9	999.9	B	0
31	74 723	0	2	12.44	35.819	117.571	11.1	2.70	99	999	999.0	9.99	999.9	999.9	C	0
32	74 723	20	9	7.54	33.858	117.677	3.11	2.30	99	999	999.0	9.99	999.9	999.9	B	0
33	74 725	0	7	17.29	34.016	117.527	8.0[illegible]	2.20	99	999	999.0	9.99	999.9	999.9	B	0
34	74 725	20	39	55.41	34.418	118.414	1.01	2.80	99	999	999.0	9.99	999.9	999.9	B	0
35	74 726	14	0	36.56	33.168	117.971	11.2[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	C	0
36	74 728	5	53	42.93	32.695	115.415	13.9[illegible]	2.90	99	999	999.0	9.99	999.9	999.9	A	0
37	74 728	7	43	37.86	34.663	116.356	8.0[illegible]	2.30	99	999	999.0	9.99	999.9	999.9	C	0
38	74 729	5	9	34.49	32.459	115.370	15.9[illegible]	2.90	99	999	999.0	9.99	999.9	999.9	C	0
39	74 730	7	39	7.06	34.626	116.347	8.0[illegible]	4.40	99	999	999.0	9.99	999.9	999.9	B	0
40	74 730	7	46	35.41	34.632	116.344	5.0[illegible]	3.30	99	999	999.0	9.99	999.9	999.9	B	0
41	74 730	7	50	10.76	34.637	116.344	8.0[illegible]	3.30	99	999	999.0	9.99	999.9	999.9	B	0
42	74 730	7	51	59.80	34.625	116.336	5.43	3.40	99	999	999.0	9.99	999.9	999.9	A	0
43	74 730	8	13	12.86	34.626	116.320	3.12	3.20	99	999	999.0	9.99	999.9	999.9	P	0
44	74 730	8	13	23.00	34.633	116.317	8.0[illegible]	3.00	99	999	999.0	9.99	999.9	999.9	D	0
45	74 731	8	36	53.50	34.634	116.341	12.7	4.30	99	999	999.0	9.99	999.9	999.9	A	0
46	74 730	8	52	54.60	34.617	116.335	0.92	3.20	99	999	999.0	9.99	999.9	999.9	A	0
47	74 731	9	7	5.49	34.634	116.334	2.4[illegible]	2.80	99	999	999.0	9.99	999.9	999.9	A	0
48	74 731	10	22	20.74	34.647	116.349	12.00	3.00	99	999	999.0	9.99	999.9	999.9	B	0
49	74 730	10	49	49.28	34.635	116.318	1.51	2.70	99	999	999.0	9.99	999.9	999.9	A	0
50	74 730	12	23	6.49	34.631	116.387	8.0[illegible]	3.20	99	999	999.0	9.99	999.9	999.9	A	0
51	74 731	14	29	8.67	34.653	116.352	8.00	2.90	99	999	999.0	9.99	999.9	999.9	B	0
52	74 730	23	1	29.17	34.637	116.348	10.05	2.31	5	221	45.0	[illegible].05	1.1	1.2	C	0
53	74 731	1	19	5.08	34.617	116.350	5.4[illegible]	[illegible].91	99	999	999.0	9.99	999.9	999.9	A	0
54	74 731	3	3	15.44	34.639	116.361	8.29	2.00	6	225	46.0	0.01	0.2	0.3	B	0
55	74 731	3	57	42.38	34.648	116.345	3.9[illegible]	[illegible].20	7	224	47.0	[illegible].11	1.5	2.6	C	0

56	74	731	7	31	26.85	35.724	117.675	0.18	3.30	99	999	999.0	9.99	999.9	999.9	B	0
57	74	731	9	7	19.17	34.629	116.343	8.00	3.20	99	999	999.0	9.99	999.9	999.9	A	0
58	74	731	9	9	59.78	34.636	116.344	9.66	2.10	6	222	46.0	0.03	0.6	0.7	B	0
59	74	731	10	47	53.38	34.613	116.344	4.25	2.80	99	999	999.0	9.99	999.9	999.9	A	0
60	74	731	13	28	53.88	34.637	116.346	8.00	3.00	99	999	999.0	9.99	999.9	999.9	A	0
61	74	731	15	32	14.44	34.546	116.362	3.71	2.20	7	209	37.0	0.17	3.0	96.9	C	0
62	74	731	16	20	1.53	34.639	116.345	1.81	2.60	7	223	47.0	0.08	1.1	120.5	C	0
63	74	731	20	40	8.20	34.645	116.292	14.71	1.70	6	218	38.0	0.15	0.8	3.3	B	0
64	74	731	21	52	9.28	34.617	116.345	6.56	2.10	99	999	999.0	9.99	999.9	999.9	A	0
65	74	731	21	56	3.53	34.628	116.323	8.00	2.70	99	999	999.0	9.99	999.9	999.9	A	0
66	74	8 1	0	27	58.91	34.631	116.337	5.51	2.70	99	999	999.0	9.99	999.9	999.9	A	0
67	74	8 1	5	47	57.75	34.612	116.334	8.00	3.30	99	999	999.0	9.99	999.9	999.9	A	0
68	74	8 1	7	21	9.01	32.611	115.329	16.31	3.30	99	999	999.0	9.99	999.9	999.9	B	0
69	74	8 1	9	4	6.17	34.631	116.341	8.00	3.20	99	999	999.0	9.99	999.9	999.9	A	0
70	74	8 1	16	56	57.39	34.617	116.316	8.00	2.90	99	999	999.0	9.99	999.9	999.9	A	0
71	74	8 1	16	59	24.12	34.643	116.353	9.44	2.10	6	149	14.0	0.13	0.6	2.0	B	0
72	74	8 1	20	43	17.10	34.929	118.825	14.20	2.80	99	999	999.0	9.99	999.9	999.9	B	0
73	74	8 1	23	9	7.03	34.609	116.361	8.00	2.60	99	999	999.0	9.99	999.9	999.9	C	0
74	74	8 2	5	42	46.00	32.840	115.501	8.00	3.30	99	999	999.0	9.99	999.9	999.9	B	0
75	74	8 2	6	52	34.03	34.603	116.361	8.00	2.80	99	999	999.0	9.99	999.9	999.9	C	0
76	74	8 2	8	32	56.23	32.863	115.484	12.90	2.70	99	999	999.0	9.99	999.9	999.9	B	0
77	74	8 2	10	16	13.29	32.863	115.482	12.60	2.40	99	999	999.0	9.99	999.9	999.9	B	0
78	74	8 2	11	20	24.82	32.845	115.477	14.00	2.50	99	999	999.0	9.99	999.9	999.9	B	0
79	74	8 2	12	37	40.56	34.628	116.417	6.81	2.80	99	999	999.0	9.99	999.9	999.9	B	0
80	74	8 2	13	28	2.62	32.863	115.469	12.20	2.30	99	999	999.0	9.99	999.9	999.9	B	0
81	74	8 2	13	28	34.19	32.810	115.476	8.00	2.30	99	999	999.0	9.99	999.9	999.9	B	0
82	74	8 2	13	29	9.50	32.798	115.462	11.60	2.30	99	999	999.0	9.99	999.9	999.9	B	0
83	74	8 2	13	34	56.52	32.863	115.480	14.70	2.50	99	999	999.0	9.99	999.9	999.9	B	0
84	74	8 2	13	35	37.22	32.833	115.464	11.67	2.60	99	999	999.0	9.99	999.9	999.9	B	0
85	74	8 2	15	11	10.17	32.863	115.480	11.40	2.40	99	999	999.0	9.99	999.9	999.9	B	0
86	74	8 2	19	15	30.02	34.647	116.348	5.00	2.60	7	106	14.0	0.20	1.7	2.6	B	0
87	74	8 2	19	24	47.60	32.831	115.474	11.80	2.50	99	999	999.0	9.99	999.9	999.9	B	0
88	74	8 2	19	29	34.35	32.849	115.480	12.90	2.30	99	999	999.0	9.99	999.9	999.9	B	0
89	74	8 2	19	37	20.84	32.844	115.476	14.60	2.50	99	999	999.0	9.99	999.9	999.9	B	0
90	74	8 2	19	38	56.94	32.815	115.473	15.00	3.10	99	999	999.0	9.99	999.9	999.9	B	0
91	74	8 2	21	7	54.38	34.161	117.277	8.00	0.0	99	999	999.0	9.99	999.9	999.9	D	0
92	74	8 2	23	10	46.35	34.479	116.585	5.11	2.70	99	999	999.0	9.99	999.9	999.9	C	0
93	74	8 3	1	51	26.19	35.739	117.701	0.59	2.80	99	999	999.0	9.99	999.9	999.9	B	0
94	74	8 3	3	7	14.23	34.629	116.345	8.00	2.70	99	999	999.0	9.99	999.9	999.9	B	0
95	74	8 3	9	2	12.71	34.634	116.351	1.00	1.90	5	106	6.0	0.15	0.7	2.4	A	0
96	74	8 3	20	25	54.95	34.611	116.348	8.00	2.70	99	999	999.0	9.99	999.9	999.9	A	0
97	74	8 3	21	12	52.60	34.631	116.346	0.94	2.00	6	110	6.0	0.13	0.3	51.8	A	0
98	74	8 4	1	50	59.24	34.635	116.350	3.97	1.90	6	107	6.0	0.02	0.3	1.4	A	0
99	74	8 4	6	10	55.74	34.639	116.346	5.53	2.40	8	92	5.0	0.08	0.6	1.3	A	0
100	74	8 4	8	24	19.44	34.627	116.357	0.00	1.90	9	61	7.0	0.06	0.4	9.8	A	0
101	74	8 4	8	30	31.83	34.628	116.355	3.96	3.00	99	999	999.0	9.99	999.9	999.9	A	0
102	74	8 4	8	31	55.97	34.628	116.353	8.00	2.60	99	999	999.0	9.99	999.9	999.9	A	0
103	74	8 4	8	34	5.60	34.637	116.355	5.60	1.90	8	96	6.0	0.04	0.3	0.5	A	0
104	74	8 4	8	57	21.39	34.633	116.347	0.29	2.10	9	61	6.0	0.07	0.4	8.5	A	0
105	74	8 4	8	57	50.69	34.635	116.335	0.66	2.40	10	65	6.0	0.16	0.9	19.9	A	0
106	74	8 4	9	2	2.69	34.243	117.178	8.00	2.90	99	999	999.0	9.99	999.9	999.9	A	0
107	74	8 4	9	8	6.46	34.237	117.161	8.00	3.40	99	999	999.0	9.99	999.9	999.9	A	0
108	74	8 4	9	48	46.65	34.631	116.348	0.36	1.90	8	88	6.0	0.14	0.2	3.3	A	0
109	74	8 4	9	51	19.34	34.635	116.347	6.81	2.00	7	90	6.0	0.02	0.2	1.5	A	0
110	74	8 4	11	51	50.58	34.485	116.520	1.07	2.30	8	163	20.0	0.13	1.1	180.6	C	0
111	74	8 4	13	42	15.97	34.653	116.330	3.52	2.30	7	136	16.0	0.15	0.5	22.6	B	0
112	74	8 4	17	37	25.54	34.631	116.349	0.40	2.40	9	96	6.0	0.07	0.2	3.8	A	0
113	74	8 4	19	1	38.71	34.067	116.333	8.57	2.50	8	127	15.0	0.11	0.9	2.7	A	0
114	74	8 5	1	24	47.93	34.448	116.581	8.00	2.60	99	999	999.0	9.99	999.9	999.9	B	0
115	74	8 5	11	17	31.01	33.916	116.019	8.00	1.70	99	999	999.0	9.99	999.9	999.9	D	0
116	74	8 5	11	36	33.14	34.632	116.362	5.60	2.10	6	95	7.0	0.02	0.2	0.5	A	0
117	74	8 5	17	38	26.63	33.877	116.811	14.3	2.70	99	999	999.0	9.99	999.9	999.9	B	0

118	74	8	5	19	32	3.46	33.861	116.185	8.00	2.70	99	999	999.0	9.99	999.9	999.9	B	0
119	74	8	5	20	4	53.81	34.336	116.861	0.11	2.40	99	999	999.0	9.99	999.9	999.9		0
120	74	8	5	22	30	0.54	34.630	116.342	1.96	2.10	8	114	6.0	0.09	0.6	2.4	A	0
121	74	8	6	1	26	25.53	35.296	118.525	5.18	2.30	99	999	999.0	9.99	999.9	999.9	C	0
122	74	8	6	3	56	10.12	34.592	116.393	2.30	2.60	99	999	999.0	9.99	999.9	999.9	B	0
123	74	8	6	7	39	18.84	34.496	116.534	0.73	2.20	6	189	22.0	0.14	2.3	233.7	C	0
124	74	8	6	8	12	1.63	32.308	114.942	9.27	2.50	99	999	999.0	9.99	999.9	999.9	C	0
125	74	8	6	10	50	29.18	32.958	115.545	8.11	2.50	99	999	999.0	9.99	999.9	999.9	A	0
126	74	8	6	13	15	3.67	33.966	117.140	12.90	2.10	8	100	8.0	0.06	0.6	1.7	A	0
127	74	8	6	16	18	13.31	34.492	116.539	0.86	1.70	9	173	21.0	0.10	0.7	125.8	B	0
128	74	8	6	21	34	5.40	34.344	116.382	2.33	2.10	10	82	25.0	0.10	0.7	1.3	A	0
129	74	8	6	21	34	52.99	34.346	116.884	2.11	2.00	10	81	25.0	0.15	1.0	2.0	A	0
130	74	8	7	5	51	4.10	32.955	115.726	14.60	3.10	99	999	999.0	9.99	999.9	999.9	C	0
131	74	8	7	7	17	0.99	34.606	116.333	10.30	3.10	99	999	999.0	9.99	999.9	999.9	A	0
132	74	8	7	8	43	57.13	34.618	116.341	3.78	1.80	8	81	8.0	0.03	0.3	1.3	A	0
133	74	8	7	9	13	8.28	34.639	116.342	0.61	2.30	13	89	5.0	0.12	0.5	16.4	A	0
134	74	8	7	9	54	28.23	34.624	116.346	5.43	2.00	8	82	7.0	0.05	0.5	1.6	A	0
135	74	8	7	10	8	56.55	34.638	116.347	3.54	2.00	9	92	6.0	0.17	0.5	2.3	A	0
136	74	8	7	10	32	52.47	32.846	115.490	12.20	2.80	99	999	999.0	9.99	999.9	999.9	B	0
137	74	8	7	11	49	2.73	34.646	116.342	6.59	1.50	8	95	5.0	0.03	0.3	1.6	A	0
138	74	8	7	12	45	40.86	34.637	116.350	5.34	1.90	8	146	14.0	0.13	0.3	1.4	B	0
139	74	8	7	13	16	10.92	34.630	116.354	5.02	2.20	7	90	7.0	0.03	0.3	0.9	A	0
140	74	8	8	0	38	43.94	34.624	116.336	0.32	1.10	9	76	7.0	0.17	0.4	8.1	A	0
141	74	8	8	10	53	21.74	32.981	116.368	5.12	2.50	99	999	999.0	9.99	999.9	999.9	C	0
142	74	8	8	13	31	56.26	32.111	115.927	4.99	2.80	99	999	999.0	9.99	999.9	999.9	C	0
143	74	8	8	22	2	3.51	34.642	116.350	3.57	3.20	99	999	999.0	9.99	999.9	999.9	A	0
144	74	8	8	22	36	2.85	34.653	116.351	5.16	2.00	8	109	4.0	0.04	0.3	0.8	A	0
145	74	8	9	2	28	5.37	34.629	116.357	6.11	2.70	99	999	999.0	9.99	999.9	999.9	A	0
146	74	8	9	5	21	27.39	34.628	116.346	7.85	2.00	7	164	7.0	0.03	0.5	1.9	B	0
147	74	8	10	5	16	51.26	37.358	118.403	0.59	2.70	99	999	999.0	9.99	999.9	999.9	B	0
148	74	9	10	21	54	46.60	34.267	117.101	5.10	2.40	11	105	23.0	0.11	0.6	1.7	A	0
149	74	8	11	0	58	22.16	34.623	116.350	6.18	1.90	8	83	7.0	0.15	0.5	1.3	A	0
150	74	8	11	6	21	17.20	34.642	116.345	6.57	2.10	8	94	5.0	0.01	0.1	0.3	A	0
151	74	9	11	6	22	33.15	34.129	116.404	10.55	1.60	6	114	19.0	0.03	0.3	1.2	A	0
152	74	8	11	18	22	59.36	34.273	116.592	0.12	2.10	7	96	2.0	0.19	1.3	277.0	B	0
153	74	8	11	21	56	11.82	34.291	116.598	1.97	2.00	7	141	2.0	0.07	0.7	2.0	B	0
154	74	8	12	1	43	27.74	34.319	119.625	8.50	2.20	99	999	999.0	9.99	999.9	999.9	C	0
155	74	9	12	2	13	48.96	32.798	115.477	8.40	2.30	99	999	999.0	9.99	999.9	999.9	B	0
156	74	9	12	2	30	16.22	32.785	115.478	15.70	2.50	99	999	999.0	9.99	999.9	999.9	B	0
157	74	8	12	5	28	4.16	34.209	116.193	9.60	1.60	5	116	6.0	0.12	0.3	1.4	A	0
158	74	9	12	5	39	14.53	33.147	116.129	8.10	2.30	99	999	999.0	9.99	999.9	999.9	B	0
159	74	8	12	11	6	24.99	34.235	119.708	10.60	2.00	99	999	999.0	9.99	999.9	999.9	C	0
160	74	8	12	11	33	29.60	34.631	116.343	4.84	2.30	9	78	6.0	0.07	0.5	1.6	A	0
161	74	8	12	11	34	0.80	34.617	116.339	7.61	3.00	99	999	999.0	9.99	999.9	999.9	A	0
162	74	8	12	11	35	45.13	34.639	116.353	7.75	2.10	8	97	6.0	0.03	0.3	0.7	A	0
163	74	8	12	12	45	51.00	32.781	115.461	15.70	2.70	99	999	999.0	9.99	999.9	999.9	B	0
164	74	8	12	16	23	1.17	34.288	116.604	2.96	2.00	8	98	1.0	0.08	0.7	1.1	A	0
165	74	8	12	17	32	1.11	32.802	115.438	18.00	2.80	99	999	999.0	9.99	999.9	999.9	B	0
166	74	8	12	18	58	28.15	33.726	116.772	5.00	2.10	7	125	40.0	0.06	0.8	23.0	A	0
167	74	8	12	19	28	10.17	34.254	119.682	12.40	2.80	99	999	999.0	9.99	999.9	999.9	B	0
168	74	8	13	2	17	33.13	34.626	116.345	0.86	2.10	6	163	7.0	0.02	0.3	32.3	B	0
169	74	8	13	5	29	53.54	33.821	115.611	1.16	2.40	11	103	24.0	0.14	0.7	170.1	A	0
170	74	8	13	6	49	17.83	34.613	116.695	12.78	2.20	8	92	30.0	0.15	0.4	1.6	A	0
171	74	8	13	10	22	14.20	32.201	115.119	15.00	2.90	99	999	999.0	9.99	999.9	999.9	C	0
172	74	8	13	15	19	8.54	32.888	115.516	15.80	3.30	99	999	999.0	9.99	999.9	999.9	B	0
173	74	8	13	15	46	28.39	33.130	115.868	8.40	2.70	99	999	999.0	9.99	999.9	999.9	C	0
174	74	8	13	16	33	41.22	32.882	115.523	13.40	2.70	99	999	999.0	9.99	999.9	999.9	B	0
175	74	8	13	17	7	22.03	32.901	115.519	4.82	2.30	99	999	999.0	9.99	999.9	999.9	A	0
176	74	8	13	17	46	56.97	32.885	115.537	16.10	3.10	99	999	999.0	9.99	999.9	999.9	B	0
177	74	8	13	17	54	45.99	32.882	115.515	12.20	3.20	99	999	999.0	9.99	999.9	999.9	B	0
178	74	8	13	19	6	38.24	32.913	115.684	5.24	2.40	99	999	999.0	9.99	999.9	999.9	B	0
179	74	8	13	20	36	21.68	34.624	116.339	8.00	3.30	99	999	999.0	9.99	999.9	999.9	A	0

24	74 826	9	21	50.24	32.851	115.499	[illegible]	[illegible]	99	999	999.0	9.99	999.9	999.9	D	0
24	74 827	4	49	9.17	31.966	116.107	16.6	2.90	99	999	999.0	9.99	999.9	999.9	D	0
24	74 828	1	41	3.10	36.263	120.261	2.75	2.90	99	999	999.0	9.99	999.9	999.9	D	0
24	74 828	17	2	44.04	35.612	119.258	11.4	1.70	99	999	999.0	9.99	999.9	999.9	D	0
24	74 828	19	27	44.71	31.747	116.259	4.13	2.90	99	999	999.0	9.99	999.9	999.9	D	0
247	74 828	22	46	8.51	34.296	116.696	3.04	1.90	8	131	2.0	0.16	0.5	.7	B	0
24	74 829	17	15	59.51	35.776	117.726	3.98	2.80	99	999	999.0	9.99	999.9	999.9	B	0
24	74 829	20	22	6.78	33.995	116.681	12.00	2.30	99	999	999.0	9.99	999.9	999.9	A	0
25	74 829	21	14	25.66	34.627	117.315	0.22	2.40	9	114	36.0	0.08	0.5	1.7	A	0
251	74 830	3	13	38.26	35.230	113.850	4.53	2.50	99	999	999.0	9.99	999.9	999.9	B	0
252	74 830	8	53	20.54	31.656	115.852	8.00	2.90	99	999	999.0	9.99	999.9	999.9	C	0
253	74 830	17	44	51.74	34.656	116.298	0.78	2.30	10	174	25.0	0.06	0.5	1.7	B	0
25	74 830	18	9	4.13	33.940	117.085	15.90	2.90	99	999	999.0	9.99	999.9	999.9	A	0
25	74 831	13	17	44.57	33.927	116.831	9.24	2.20	99	999	999.0	9.99	999.9	999.9	A	0
25	74 831	15	0	53.20	33.333	115.584	4.13	2.40	99	999	999.0	9.99	999.9	999.9	C	0
257	74 9 1	17	17	54.70	32.641	115.836	4.79	2.30	99	999	999.0	9.99	999.9	999.9	C	0
25	74 9 1	18	31	27.42	34.052	116.334	2.79	1.50	6	122	17.0	0.14	0.5	9.3	A	0
25	74 9 2	2	8	32.77	32.383	115.005	3.47	2.80	99	999	999.0	9.99	999.9	999.9	D	0
26	74 9 2	9	2	17.19	34.366	116.998	4.82	2.30	99	999	999.0	9.99	999.9	999.9	B	0
261	74 9 3	7	22	52.05	35.708	118.037	5.56	2.60	99	999	999.0	9.99	999.9	999.9	B	0
26	74 9 4	2	31	20.45	34.151	116.333	1.91	2.00	10	77	17.0	0.14	0.7	3.1	A	0
26	74 9 4	2	46	29.76	34.068	116.329	5.0	1.70	8	122	16.0	0.18	0.6	5.2	A	0
26	74 9 5	9	27	32.92	34.613	116.358	5.15	2.30	99	999	999.0	9.99	999.9	999.9	A	0
26	74 9 5	22	3	22.46	31.654	114.629	1.51	2.30	99	999	999.0	9.99	999.9	999.9	D	0
26	74 9 5	22	19	38.57	34.618	116.352	3.0	2.60	99	999	999.0	9.99	999.9	999.9	A	0
26	74 9 6	3	24	40.71	31.943	114.917	8.0	2.90	99	999	999.0	9.99	999.9	999.9	D	0
26	74 9 6	13	23	21.34	34.280	118.498	6.05	2.70	99	999	999.0	9.99	999.9	999.9	B	0
26	74 9 6	14	40	43.9	34.319	111.515	8.0	3.00	99	999	999.0	9.99	999.9	999.9	B	0
27	74 9 7	23	49	35.43	34.289	118.506	3.75	2.70	99	999	999.0	9.99	999.9	999.9	B	0
27	74 9 8	12	20	48.12	33.220	116.149	8.8	3.50	99	999	999.0	9.99	999.9	999.9	A	0
27	74 9 8	12	57	42.97	33.213	116.146	8.0	2.80	99	999	999.0	9.99	999.9	999.9	A	0
27	74 9 8	19	18	42.67	34.213	116.577	5.52	2.20	7	72	8.0	0.09	0.7	1.6	A	0
27	74 9 8	22	15	26.57	34.294	114.323	2.47	2.20	9	82	15.0	0.10	0.6	3.5	A	0
27	74 9 9	13	13	55.73	34.156	116.335	4.23	1.50	6	86	16.0	0.17	1.0	10.1	A	0
27	74 910	0	3	17.65	34.054	116.334	0.61	2.10	8	77	16.0	0.18	0.5	10.3	A	0
27	74 910	1	42	33.15	34.340	119.344	27.3	2.30	99	999	999.0	9.99	999.9	999.9	B	0
27	74 910	5	49	21.45	34.055	116.326	4.92	2.70	99	999	999.0	9.99	999.9	999.9	A	0
27	74 910	7	57	45.84	34.047	116.329	4.2	2.60	99	999	999.0	9.99	999.9	999.9	B	0
28	74 910	9	7	43.24	34.051	116.332	1.58	1.70	8	77	16.0	0.06	0.3	9.0	A	0
281	74 910	9	17	25.04	35.570	113.475	22.0	2.20	99	999	999.0	9.99	999.9	999.9	C	0
28	74 910	17	21	27.31	33.926	116.310	2.74	2.70	99	999	999.0	9.99	999.9	999.9	B	0
28	74 910	21	37	49.01	33.933	115.849	1.68	1.60	7	129	26.0	0.07	0.4	15.9	A	0
28	74 911	4	41	2.75	34.055	116.330	0.05	1.90	9	76	16.0	0.17	0.4	6.6	A	0
28	74 911	10	31	32.25	34.243	117.207	3.35	2.00	99	999	999.0	9.99	999.9	999.9	B	0
28	74 911	11	0	18.47	34.878	117.601	2.01	2.40	99	999	999.0	9.99	999.9	999.9	B	0
28	74 911	12	16	37.86	32.675	117.913	8.0	3.20	99	999	999.0	9.99	999.9	999.9	C	0
28	74 912	12	57	43.26	33.579	115.918	3.46	2.60	99	999	999.0	9.99	999.9	999.9	C	0
28	74 912	13	34	54.84	33.318	116.089	1.0	1.40	7	205	16.0	0.05	0.7	71.9	B	0
29	74 912	21	30	59.77	34.182	117.508	7.13	2.70	99	999	999.0	9.99	999.9	999.9	B	0
291	74 913	7	36	50.34	33.929	116.292	1.46	1.80	9	106	9.0	0.12	0.8	18.8	A	0
29	74 913	7	50	38.03	33.927	116.294	1.10	1.50	8	136	9.0	0.09	0.7	123.9	B	0
29	74 913	8	6	30.10	33.932	116.294	0.54	1.80	9	106	9.0	0.19	0.6	95.2	A	0
29	74 913	12	5	53.95	35.698	118.251	0.36	2.50	99	999	999.0	9.99	999.9	999.9	C	0
29	74 913	13	33	41.92	32.914	116.396	8.0	2.40	99	999	999.0	9.99	999.9	999.9	C	0
29	74 913	16	29	28.67	35.501	117.248	9.38	2.20	99	999	999.0	9.99	999.9	999.9	C	0
29	74 914	10	54	31.85	33.818	116.092	1.05	1.40	6	206	16.0	0.03	0.5	46.8	B	0
29	74 914	11	56	28.27	33.470	116.480	16.6	2.50	99	999	999.0	9.99	999.9	999.9	B	0
29	74 915	1	43	59.43	34.631	116.352	0.19	2.10	10	156	22.0	0.17	0.5	8.4	B	0
30	74 915	10	31	6.54	33.603	118.238	8.00	2.40	99	999	999.0	9.99	999.9	999.9	B	0
30	74 916	23	54	46.69	34.305	116.924	8.0	2.70	99	999	999.0	9.99	999.9	999.9	A	0
30	74 917	1	28	37.27	36.120	117.731	1.73	2.70	99	999	999.0	9.99	999.9	999.9	C	0
30	74 917	2	44	40.20	34.846	119.011	11.81	2.10	99	999	999.0	9.99	999.9	999.9	B	0

295	74	913	12	33	41.92	32.914	116.396	8.[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	C	0
296	74	913	16	29	28.67	35.991	117.248	9.38	3.20	99	999	999.0	9.99	999.9	999.9	C	0
297	74	914	10	54	31.85	33.818	116.092	1.05	1.40	6	206	16.0	0.03	0.5	46.8	B	0
298	74	914	11	56	28.27	33.470	116.480	16.6[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	B	0
299	74	915	1	43	59.43	34.631	116.352	1.19	2.10	10	156	22.0	0.17	0.5	8.4	B	0
300	74	915	10	31	6.54	33.602	118.239	8.[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	B	0
301	74	916	23	54	46.69	34.315	116.924	8.[illegible]	2.70	99	999	999.0	9.99	999.9	999.9	A	0
302	74	917	1	28	37.27	36.12[illegible]	117.731	1.73	2.70	99	999	999.0	9.99	999.9	999.9	C	0
303	74	917	2	44	40.20	34.846	119.011	11.8[illegible]	2.10	99	999	999.0	9.99	999.9	999.9	B	0
304	74	917	3	31	39.19	34.303	116.364	10.46	1.30	6	118	15.0	0.02	0.2	1.0	A	0
305	74	917	10	22	17.74	34.624	116.341	4.41	2.60	99	999	999.0	9.99	999.9	999.9	A	0
306	74	917	19	4	43.41	32.785	115.480	0.79	2.20	99	999	999.0	9.99	999.9	999.9	C	0
307	74	917	21	27	49.99	34.332	116.864	8.21	2.50	99	999	999.0	9.99	999.9	999.9	A	0
308	74	917	22	0	34.99	33.475	116.749	18.73	2.00	99	999	999.0	9.99	999.9	999.9	B	0
309	74	918	4	50	47.13	34.339	118.277	3.18	1.80	99	999	999.0	9.99	999.9	999.9	B	0
310	74	918	5	10	28.04	34.674	116.375	0.81	2.20	11	116	28.0	0.11	0.7	99.1	A	0
311	74	918	5	50	30.71	34.054	116.336	0.79	1.80	9	77	17.0	0.10	0.6	137.9	A	0
312	74	918	13	51	51.90	34.408	116.650	7.13	1.60	10	160	14.0	0.04	0.4	0.5	B	0
313	74	918	14	42	29.78	34.509	116.347	9.03	2.20	11	103	9.0	0.17	1.3	1.7	B	0
314	74	919	0	46	37.02	35.033	117.683	5.04	2.10	99	999	999.0	9.99	999.9	999.9	C	0
315	74	920	3	13	24.77	34.511	116.350	4.25	2.00	10	118	10.0	0.09	0.7	2.5	A	0
316	74	920	10	15	57.32	34.067	115.360	8.00	2.00	99	999	999.0	9.99	999.9	999.9	D	0
317	74	921	10	37	41.85	33.853	117.110	13.4[illegible]	3.90	99	999	999.0	9.99	999.9	999.9	A	0
318	74	921	12	34	39.53	35.470	118.731	3.94	2.60	99	999	999.0	9.99	999.9	999.9	C	0
319	74	921	17	2	39.27	34.494	116.350	3.47	2.50	99	999	999.0	9.99	999.9	999.9	B	0
320	74	921	18	33	1.73	34.936	119.909	10.8[illegible]	3.20	99	999	999.0	9.99	999.9	999.9	B	0
321	74	921	20	9	32.05	34.550	116.334	8.06	2.10	13	103	8.0	0.23	1.6	1.8	B	0
322	74	921	20	16	17.79	35.818	117.712	16.1[illegible]	2.20	99	999	999.0	9.99	999.9	999.9	C	0
323	74	922	0	48	49.82	35.014	117.697	2.03	2.20	99	999	999.0	9.99	999.9	999.9	B	0
324	74	922	3	12	1.90	33.113	117.867	16.20	2.40	99	999	999.0	9.99	999.9	999.9	B	0
325	74	922	22	48	17.44	34.403	118.411	9.64	2.20	99	999	999.0	9.99	999.9	999.9	A	0
326	74	922	23	52	1.12	34.406	118.402	10.3[illegible]	2.10	99	999	999.0	9.99	999.9	999.9	B	0
327	74	923	2	23	0.04	34.373	119.322	16.6[illegible]	2.40	99	999	999.0	9.99	999.9	999.9	B	0
328	74	923	17	3	3.59	34.152	117.719	5.34	2.00	99	999	999.0	9.99	999.9	999.9	B	0
329	74	923	19	39	55.55	34.311	116.846	2.01	1.90	12	73	21.0	0.09	0.5	12.1	A	0
330	74	924	2	21	49.31	34.510	119.128	24.4[illegible]	2.90	99	999	999.0	9.99	999.9	999.9	B	0
331	74	925	10	11	56.18	33.562	115.938	8.44	2.90	99	999	999.0	9.99	999.9	999.9	A	0
332	74	925	10	20	6.28	33.771	116.196	6.63	2.60	99	999	999.0	9.99	999.9	999.9	B	0
333	74	925	10	33	24.23	33.789	116.209	1.96	2.40	99	999	999.0	9.99	999.9	999.9	A	0
334	74	925	10	37	30.43	33.569	115.986	12.5[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	B	0
335	74	925	10	46	46.03	33.594	115.965	3.54	2.50	99	999	999.0	9.99	999.9	999.9	B	0
336	74	925	15	25	14.81	33.776	116.202	1.78	3.10	99	999	999.0	9.99	999.9	999.9	A	0
337	74	925	22	33	56.26	34.224	116.934	10.2[illegible]	2.10	11	125	21.0	0.08	0.5	0.6	A	0
338	74	926	6	37	28.36	33.999	115.964	10.6[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	A	0
339	74	927	2	23	19.83	34.089	116.530	1.44	2.10	11	82	22.0	0.08	0.4	1.3	A	0
340	74	927	3	10	25.79	35.895	117.683	8.00	2.60	99	999	999.0	9.99	999.9	999.9	B	0
341	74	927	9	42	1.63	33.969	115.723	8.00	2.40	99	999	999.0	9.99	999.9	999.9	B	0
342	74	927	21	21	8.98	35.168	118.475	6.02	1.90	99	999	999.0	9.99	999.9	999.9	D	0
343	74	927	22	29	54.70	35.648	118.327	8.00	1.90	99	999	999.0	9.99	999.9	999.9	C	0
344	74	929	4	53	9.69	33.787	116.934	12.8[illegible]	2.70	99	999	999.0	9.99	999.9	999.9	B	0
345	74	929	15	35	35.37	31.626	115.753	8.00	3.20	99	999	999.0	9.99	999.9	999.9	D	0
346	74	929	16	15	8.74	33.652	116.863	16.5[illegible]	2.20	99	999	999.0	9.99	999.9	999.9	B	0
347	74	929	18	35	53.72	34.822	116.733	8.00	1.80	99	999	999.0	9.99	999.9	999.9	D	0
348	74	929	18	44	34.82	34.844	116.692	4.39	2.10	99	999	999.0	9.99	999.9	999.9	B	0
349	74	929	23	47	12.96	33.471	116.449	15.1[illegible]	2.30	99	999	999.0	9.99	999.9	999.9	B	0
350	74	730	8	55	54.57	34.639	116.337	1.1[illegible]	3.90	8	104	54.3	0.17	0.9	2.9	C	1
351	74	731	13	29	53.70	34.639	116.335	3.74	3.60	11	104	47.1	0.14	0.8	1.7	B	1

4TH QUARTER, 1974. FINAL EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

NO	YRMODD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	7410 1	1	7	17.69	35.018	117.561	3.55	2.10	99	999	999.0	9.99	999.9	999.9	B	0
2	7410 1	1	8	12.88	35.011	117.665	3.04	1.90	99	999	999.0	9.99	999.9	999.9	D	0
3	7410 1	6	46	18.79	33.212	116.233	8.44	3.20	99	999	999.0	9.99	999.9	999.9	A	0
4	7410 1	16	40	2.75	33.241	116.252	4.32	2.40	99	999	999.0	9.99	999.9	999.9	B	0
5	7410 2	21	53	45.13	31.665	115.945	8.00	3.10	99	999	999.0	9.99	999.9	999.9	D	0
6	7410 3	1	6	7.48	34.641	116.361	0.31	2.90	11	131	24.0	0.23	1.3	17.1	C	0
7	7410 3	7	1	3.42	35.572	117.338	8.00	1.80	99	999	999.0	9.99	999.9	999.9	C	0
8	7410 3	17	58	57.09	34.675	117.131	0.64	2.50	11	105	41.0	0.16	0.7	13.1	A	0
9	7410 3	21	28	20.47	34.351	116.861	0.36	2.00	10	78	24.0	0.14	0.8	115.2	A	0
10	7410 4	0	34	5.62	36.337	12 .191	8.00	3.40	99	999	999.0	9.99	999.9	999.9	D	0
11	7410 4	0	58	52.29	33.791	116.089	4.41	2.70	99	999	999.0	9.99	999.9	999.9	B	0
12	7410 4	9	40	6.15	31.954	115.771	12.10	2.80	99	999	999.0	9.99	999.9	999.9	D	0
13	7410 4	17	43	10.27	35.907	117.243	1.59	3.00	99	999	999.0	9.99	999.9	999.9	B	0
14	7410 5	4	58	36.63	33.429	116.527	10.70	2.10	99	999	999.0	9.99	999.9	999.9	B	0
15	7410 5	12	15	54.59	35.951	117.790	8.00	2.30	99	999	999.0	9.99	999.9	999.9	A	0
16	7410 5	12	31	25.54	34.411	116.859	4.68	2.00	99	999	999.0	9.99	999.9	999.9	A	0
17	7410 5	12	37	55.93	33.502	116.722	3.79	2.30	9	144	28.0	0.13	1.4	35.1	C	0
18	7410 7	7	8	4.17	33.500	116.728	0.08	2.20	10	139	29.0	0.11	0.9	58.8	C	0
19	7410 8	0	56	6.41	34.076	118.864	10.75	3.80	99	999	999.0	9.99	999.9	999.9	B	0
20	7410 8	7	44	11.78	33.983	116.826	11.18	2.10	10	88	32.0	0.11	0.7	1.1	A	0
21	7410 8	13	23	52.01	34.359	118.405	13.08	2.70	99	999	999.0	9.99	999.9	999.9	B	0
22	7410 8	20	13	43.38	34.625	117.315	0.51	2.30	10	113	36.0	0.13	0.5	11.4	A	0
23	7410 8	16	9	5.54	33.088	115.570	11.91	2.70	99	999	999.0	9.99	999.9	999.9	B	0
24	7410 9	3	34	44.47	34.540	118.148	5.74	2.20	99	999	999.0	9.99	999.9	999.9	B	0
25	7410 9	12	4	46.16	35.339	118.638	1.66	2.40	99	999	999.0	9.99	999.9	999.9	B	0
26	7410 9	13	21	31.13	33.223	116.098	11.51	3.10	99	999	999.0	9.99	999.9	999.9	B	0
27	7410 9	6	42	34.97	34.276	116.579	5.11	2.40	99	999	999.0	9.99	999.9	999.9	B	0
28	7410 9	7	53	31.97	34.648	115.655	0.38	2.40	10	187	41.0	0.18	0.7	42.5	B	0
29	7410 9	9	54	58.08	34.051	118.959	11.80	3.30	99	999	999.0	9.99	999.9	999.9	B	0
30	7410 9	12	21	26.07	33.707	116.869	16.91	2.90	99	999	999.0	9.99	999.9	999.9	B	0
31	7410 9	20	20	44.35	34.207	116.574	5.14	2.90	99	999	999.0	9.99	999.9	999.9	A	0
32	7410 9	11	4	34.92	34.207	116.575	4.44	1.80	14	70	8.0	0.08	0.4	0.8	A	0
33	7410 9	17	33	0.08	34.247	117.157	3.33	3.20	99	999	999.0	9.99	999.9	999.9	A	0
34	7410 9	18	11	13.16	34.246	117.167	2.37	2.70	99	999	999.0	9.99	999.9	999.9	A	0
35	7410 9	20	49	18.13	34.259	117.156	5.00	2.10	12	68	17.0	0.11	0.6	2.1	A	0
36	7410 9	22	36	19.94	33.932	115.835	10.88	1.70	7	207	6.0	0.07	1.1	1.3	C	0
37	7410 9	3	16	59.59	34.456	118.393	11.2	2.70	99	999	999.0	9.99	999.9	999.9	A	0
38	7410 9	9	51	25.09	33.829	117.456	21.31	2.90	99	999	999.0	9.99	999.9	999.9	B	0
39	7410 9	10	21	14.99	33.690	116.726	8.00	2.00	99	999	999.0	9.99	999.9	999.9	B	0
40	7410 9	15	8	55.01	33.912	116.522	0.44	1.70	8	114	39.0	0.10	0.6	16.5	A	0
41	7410 9	19	41	41.20	33.960	115.475	22.66	2.10	9	93	16.0	0.69	5.1	5.3	C	0
42	7410 9	21	58	40.74	35.642	118.324	8.00	2.90	99	999	999.0	9.99	999.9	999.9	B	0
43	7410 9	22	55	21.70	34.624	117.123	0.84	2.90	11	105	42.0	0.14	0.7	10.0	A	0
44	7410 9	1	51	4.05	34.492	116.424	5.00	2.10	11	98	12.0	0.31	2.0	3.1	B	0
45	7410 9	11	4	7.91	35.551	118.283	8.00	1.80	99	999	999.0	9.99	999.9	999.9	B	0
46	7410 9	15	32	41.35	34.209	117.075	8.85	2.00	10	136	25.0	0.09	0.5	1.8	B	0
47	7410 9	19	58	51.54	34.456	116.650	0.06	1.80	9	194	19.0	0.69	5.8	77.6	C	0
48	7410 9	21	13	26.71	34.631	117.313	0.95	2.20	10	114	37.0	0.13	0.8	0.9	A	0
49	7410 9	22	57	2.03	32.365	115.148	16.31	2.70	99	999	999.0	9.99	999.9	999.9	D	0
50	7410 9	0	25	9.46	34.375	116.238	7.94	1.80	10	129	8.0	0.10	0.8	1.6	A	0
51	7410 9	3	30	29.15	31.673	115.534	11.90	4.30	99	999	999.0	9.99	999.9	999.9	D	0
52	7410 9	15	13	45.10	33.317	115.371	3.21	2.50	99	999	999.0	9.99	999.9	999.9	A	0
53	7410 9	18	39	39.71	31.515	115.609	8.00	3.50	99	999	999.0	9.99	999.9	999.9	D	0
54	7410 9	3	44	14.18	33.027	115.625	3.66	2.70	99	999	999.0	9.99	999.9	999.9	B	0
55	7410 9	18	26	5.59	32.847	115.414	8.00	2.70	99	999	999.0	9.99	999.9	999.9	C	0

56	[illegible]	5	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	7+1022	12	13	39.11	33.985	116.365	10.10	3.10	99	999	999.0	9.99	999.9	999.9	B	0
58	7+1022	12	33	35.47	33.979	119.371	8.00	1.90	99	999	999.0	9.99	999.9	999.9	B	0
59	7+1023	13	3	57.52	33.482	114.863	11.40	1.80	99	999	999.0	9.99	999.9	999.9	C	0
60	7+1024	3	54	53.21	35.924	117.239	4.56	2.80	99	999	999.0	9.99	999.9	999.9	B	0
61	7+1024	20	12	27.52	34.615	117.135	0.40	2.40	10	104	40.0	0.41	1.2	17.3	B	0
62	7+1025	0	38	50.22	35.037	117.735	3.09	2.10	99	999	999.0	9.99	999.9	999.9	C	0
63	7+1025	13	6	30.97	34.242	116.923	0.25	1.90	7	145	27.0	0.37	3.1	568.8	C	0
64	7+1025	13	29	52.71	33.017	115.610	15.61	3.40	99	999	999.0	9.99	999.9	999.9	B	0
65	7+1025	18	5	54.07	34.008	113.375	15.91	3.00	99	999	999.0	9.99	999.9	999.9	B	0
66	7+1026	0	4	44.42	35.363	119.523	7.41	2.90	99	999	999.0	9.99	999.9	999.9	B	0
67	7+1026	20	31	58.82	34.613	116.372	2.24	2.70	20	127	21.0	0.25	1.0	2.2	A	0
68	7+1026	20	36	41.03	34.827	115.857	0.22	2.40	14	155	23.0	0.54	58.8	512.1	D	0
69	7+1027	17	39	46.97	33.993	116.423	6.39	2.00	11	95	22.0	0.10	0.6	3.1	A	0
70	7+1028	9	12	5.91	35.705	119.378	8.00	2.50	99	999	999.0	9.99	999.9	999.9	B	0
71	7+1028	9	33	34.31	35.714	118.414	4.31	2.50	99	999	999.0	9.99	999.9	999.9	B	0
72	7+1029	10	52	51.71	34.020	115.791	20.10	2.00	99	999	999.0	9.99	999.9	999.9	A	0
73	7+1029	21	33	35.53	34.589	117.327	1.10	2.30	8	183	46.0	0.46	6.1	4.1	C	0
74	7+1030	13	19	21.55	34.381	119.428	13.21	2.20	99	999	999.0	9.99	999.9	999.9	B	0
75	7+1030	17	22	59.73	34.214	116.576	4.47	2.00	9	105	8.0	0.07	0.5	1.1	A	0
76	7+1031	23	38	14.16	34.345	116.936	0.13	1.70	6	146	30.0	0.20	2.6	322.5	C	0
77	7+1031	15	46	23.32	35.119	118.571	24.01	3.00	99	999	999.0	9.99	999.9	999.9	B	0
78	7+1031	16	15	48.97	34.373	116.874	1.27	1.70	8	148	25.0	0.18	1.4	8.1	C	0
79	7+1031	18	54	43.18	34.218	116.223	1.24	1.50	5	146	7.0	0.10	0.2	5.2	B	0
80	7+1031	20	30	47.54	34.250	116.915	0.06	1.30	12	147	28.0	0.29	1.7	50.8	C	0
81	7+1031	23	45	8.77	34.077	117.817	15.51	3.00	99	999	999.0	9.99	999.9	999.9	B	0
82	7+11 1	1	48	50.36	34.020	116.771	15.37	1.70	9	148	17.0	0.13	1.1	1.5	C	0
83	7+11 1	3	31	49.23	34.441	118.417	10.50	2.00	99	999	999.0	9.99	999.9	999.9	B	0
84	7+11 1	6	14	46.39	34.182	117.430	8.00	2.00	99	999	999.0	9.99	999.9	999.9	B	0
85	7+11 1	11	23	5.60	32.789	115.464	3.91	2.50	99	999	999.0	9.99	999.9	999.9	B	0
86	7+11 1	14	24	33.48	33.865	116.777	3.83	1.60	99	999	999.0	9.99	999.9	999.9	B	0
87	7+11 1	21	50	0.29	33.862	117.680	0.44	1.60	11	182	48.0	0.24	1.3	8.6	C	0
88	7+11 1	22	8	33.65	35.015	117.698	0.49	2.00	9	118	40.0	0.16	0.7	6.1	A	0
89	7+11 2	10	13	34.34	33.245	116.264	0.51	3.30	12	91	57.0	0.26	1.5	16.8	B	0
90	7+11 2	14	7	17.23	34.425	116.771	0.24	2.10	10	185	22.0	0.11	0.8	174.0	B	0
91	7+11 2	17	2	8.06	34.407	115.767	1.94	2.90	99	999	999.0	9.99	999.9	999.9	B	0
92	7+11 2	19	49	59.79	34.041	117.217	13.42	3.00	9	93	15.0	0.25	1.2	1.1	B	0
93	7+11 5	5	22	3.42	33.252	115.731	1.94	2.10	9	171	66.0	0.23	2.2	28.8	C	0
94	7+11 5	7	24	48.70	34.004	115.512	2.45	1.90	10	97	30.0	0.36	0.4	1.1	A	0
95	7+11 6	0	38	27.69	34.195	118.166	1.01	3.00	99	999	999.0	9.99	999.9	999.9	B	0
96	7+11 6	9	28	20.61	32.991	116.282	9.80	2.50	99	999	999.0	9.99	999.9	999.9	B	0
97	7+11 6	23	30	25.46	34.624	117.124	0.51	2.30	10	105	60.0	0.16	0.9	16.5	A	0
98	7+11 6	23	31	23.60	34.630	117.124	0.20	2.30	9	176	60.0	0.13	0.9	51.1	A	0
99	7+11 6	23	52	51.17	33.296	115.983	4.56	2.20	9	201	74.0	0.19	1.9	1.7	C	0
100	7+11 7	17	52	54.19	34.864	116.128	4.08	2.50	99	999	999.0	9.99	999.9	999.9	D	0
101	7+11 7	18	55	11.95	34.339	116.844	5.01	2.10	8	76	21.0	0.35	3.6	34.4	B	0
102	7+11 7	22	14	27.8	34.559	116.382	1.20	1.50	9	144	25.0	0.28	1.0	373.7	C	0
103	7+11 7	22	24	50.72	33.605	115.802	12.39	2.50	13	127	41.0	0.75	6.2	5.5	C	0
104	7+11 7	22	27	25.86	34.297	117.087	1.34	1.80	7	150	24.0	0.18	1.6	278.6	C	0
105	7+11 8	3	29	56.01	33.959	115.782	9.55	1.40	9	138	2.0	0.16	1.6	1.1	C	0
106	7+11 9	10	10	35.77	33.582	116.650	14.30	3.20	99	999	999.0	9.99	999.9	999.9	A	0
107	7+11 9	10	12	57.98	33.575	116.655	19.10	3.30	99	999	999.0	9.99	999.9	999.9	A	0
108	7+11 9	17	52	47.56	34.433	116.332	0.00	2.80	17	123	22.0	0.47	2.7	26.2	B	0
109	7+11 9	18	16	47.53	33.603	116.655	7.38	2.20	12	112	33.0	0.13	0.8	1.6	A	0
110	7+11 9	19	51	8.53	34.093	116.866	5.03	2.20	9	136	22.0	0.08	0.6	4.3	B	0
111	7+11 9	21	30	37.81	33.772	116.131	0.77	1.90	15	113	23.0	0.23	1.2	18.0	B	0
112	7+1111	14	16	51.55	33.270	116.706	3.03	2.50	99	999	999.0	9.99	999.9	999.9	A	0
113	7+1111	23	12	19.70	36.236	120.490	8.01	3.30	99	999	999.0	9.99	999.9	999.9	D	0
114	7+1112	6	57	49.79	34.117	117.529	2.96	2.50	99	999	999.0	9.99	999.9	999.9	A	0
115	7+1112	9	14	52.60	34.407	118.417	7.80	2.30	99	999	999.0	9.99	999.9	999.9	B	0
116	7+1112	20	53	31.89	34.240	117.995	11.10	1.80	99	999	999.0	9.99	999.9	999.9	C	0
117	7+1112	22	49	15.13	36.381	120.092	3.54	3.10	99	999	999.0	9.99	999.9	999.9	C	0

118	7 1113	5	26	50.09	33.894	116.592	5.01	1.90	11	99	37.1	0.14	0.8	16.	A 0
119	7 1113	11	24	31.61	34.209	118.477	0.78	2.00	99	999	999.1	9.99	999.9	999.	B 0
120	7 1113	16	3	43.83	33.995	116.707	15.87	1.70	8	157	23.0	0.07	0.7	1.	B 0
121	7 1113	19	57	19.51	34.500	117.045	3.69	2.20	8	152	52.1	0.20	3.7	4.	C 0
122	7 1113	22	40	7.97	33.799	116.189	2.43	1.80	13	169	16.1	0.16	1.1	3.	B 0
123	7 1114	16	20	41.15	33.775	117.994	8.61	4.00	99	999	999.0	9.99	999.9	999.	D 0
124	7 1115	23	5	26.97	35.049	117.676	1.09	2.40	5	178	42.1	0.08	0.7	1.	B 0
125	7 1116	4	58	37.42	33.783	116.174	5.01	1.90	12	124	16.1	0.19	1.2	7.5	B 0
126	7 1116	6	18	33.96	33.469	116.499	7.31	1.60	9	154	37.0	0.12	1.1	1.6	C 0
127	7 1116	8	41	5.33	34.161	117.335	6.61	2.40	99	999	999.1	9.99	999.9	999.9	B 0
128	7 1116	12	6	59.1	33.291	116.272	5.01	2.80	17	75	56.0	0.34	1.4	2.5	B 0
129	7 1116	19	4	46.83	34.023	116.246	5.01	1.40	13	71	11.1	0.12	0.5	1.1	A 0
130	7 1117	3	47	21.51	34.389	116.773	29.41	2.10	99	999	999.1	9.99	999.9	999.9	C 0
131	7 1117	5	10	42.22	33.171	115.044	8.01	3.00	99	999	999.0	9.99	999.9	999.9	D 0
132	7 1117	12	6	59.28	33.227	116.290	12.71	3.00	99	999	999.0	9.99	999.9	999.9	B 0
133	7 1118	2	4	53.46	37.596	118.745	1.74	3.80	99	999	999.1	9.99	999.9	999.9	D 0
134	7 1118	6	42	51.09	35.634	117.576	7.11	3.20	99	999	999.1	9.99	999.9	999.9	B 0
135	7 1118	9	59	26.71	34.801	118.429	6.03	2.50	99	999	999.0	9.99	999.9	999.9	B 0
136	7 1118	14	27	54.18	37.672	117.870	8.01	3.20	99	999	999.0	9.99	999.9	999.9	D 0
137	7 1119	14	46	36.98	33.631	116.722	4.54	2.00	99	999	999.1	9.99	999.9	999.9	B 0
138	7 1119	21	18	28.76	33.689	116.791	13.33	2.40	12	113	37.1	0.11	0.6	0.7	A 0
139	7 1120	23	49	38.32	35.759	117.020	3.80	3.30	99	999	999.0	9.99	999.9	999.9	B 0
140	7 1121	2	7	40.55	35.702	117.135	6.97	2.40	99	999	999.1	9.99	999.9	999.9	B 0
141	7 1121	10	51	58.92	33.978	116.594	3.07	2.00	13	89	33.0	0.16	0.7	2.5	A 0
142	7 1121	11	1	30.92	37.208	118.199	8.01	2.70	99	999	999.0	9.99	999.9	999.9	D 0
143	7 1121	12	36	14.51	37.364	118.496	3.41	2.60	99	999	999.1	9.99	999.9	999.9	D 0
144	7 1121	12	55	16.29	37.484	118.379	11.21	2.60	99	999	999.1	9.99	999.9	999.9	B 0
145	7 1121	16	26	24.94	37.489	118.150	8.01	2.60	99	999	999.1	9.99	999.9	999.9	D 0
146	7 1121	18	34	11.92	33.782	116.145	0.03	2.80	12	157	20.1	0.33	2.1	55.1	C 0
147	7 1121	19	2	34.36	34.178	116.613	6.29	2.30	99	999	999.0	9.99	999.9	999.9	A 0
148	7 1122	13	58	33.68	34.162	117.342	8.01	2.30	99	999	999.1	9.99	999.9	999.9	A 0
149	7 1122	19	51	21.55	34.623	117.115	0.28	2.80	17	104	42.1	0.22	1.8	9.9	A 0
150	7 1122	0	57	28.06	32.145	115.796	19.60	3.10	99	999	999.0	9.99	999.9	999.9	C 0
151	7 1124	15	45	38.40	33.304	116.237	4.53	2.30	15	91	58.1	0.19	0.9	2.0	A 0
152	7 1125	3	50	41.35	33.511	116.554	3.03	3.40	99	999	999.1	9.99	999.9	999.9	B 0
153	7 1125	6	47	6.46	33.993	116.396	0.83	2.30	12	111	11.0	0.07	0.3	47.2	A 0
154	7 1125	23	59	0.94	33.511	116.510	11.06	2.60	13	78	37.1	0.18	1.1	1.1	A 0
155	7 1126	1	29	10.71	33.155	115.548	17.60	3.10	99	999	999.0	9.99	999.9	999.9	C 0
156	7 1126	2	39	29.62	34.287	116.328	5.01	2.10	14	99	14.0	0.09	1.4	1.6	A 0
157	7 1126	10	38	21.07	32.911	115.809	8.13	2.80	99	999	999.0	9.99	999.9	999.9	D 0
158	7 1126	15	20	15.81	33.815	116.175	4.78	1.70	9	211	13.1	0.10	1.4	3.7	C 0
159	7 1126	16	4	33.68	33.797	116.130	3.39	2.10	16	109	15.1	0.17	0.9	6.8	A 0
160	7 1126	22	59	58.74	33.446	116.482	0.93	2.30	11	173	37.1	0.18	1.2	16.1	C 0
161	7 1126	23	18	19.43	34.005	116.737	5.00	2.00	15	86	20.1	0.25	1.2	2.2	A 0
162	7 1127	4	11	5.39	35.769	118.151	8.01	2.90	99	999	999.0	9.99	999.9	999.9	B 0
163	7 1127	20	48	3.17	34.379	116.361	1.07	2.10	15	76	28.0	0.24	0.9	6.9	A 0
164	7 1128	10	23	54.10	32.548	115.262	21.60	2.40	99	999	999.1	9.99	999.9	999.9	B 0
165	7 1128	23	7	59.08	34.249	116.798	8.00	3.20	99	999	999.1	9.99	999.9	999.9	A 0
166	7 1129	0	21	25.61	33.501	116.567	4.11	1.90	7	179	33.0	0.07	1.0	25.0	B 0
167	7 1129	2	1	2.85	33.944	116.988	1.85	2.50	16	81	17.1	0.21	1.9	4.5	A 0
168	7 1129	13	38	23.04	34.414	117.151	3.79	2.20	12	155	30.1	0.24	1.5	2.8	C 0
169	7 1129	14	14	21.87	34.040	116.251	2.04	1.10	5	147	12.0	0.01	0.2	2.3	B 0
170	7 1130	16	28	41.45	34.077	117.514	8.00	2.50	99	999	999.0	9.99	999.9	999.9	A 0
171	7 1130	18	5	6.30	34.043	116.249	1.12	0.90	11	145	13.1	0.24	1.2	305.2	C 0
172	7 1130	20	10	20.19	33.355	116.739	18.83	2.90	99	999	999.0	9.99	999.9	999.9	B 0
173	7 12 1	10	1	1.78	35.411	116.449	8.01	2.10	99	999	999.1	9.99	999.9	999.9	B 0
174	7 12 1	11	28	28.53	34.418	118.581	0.77	2.30	99	999	999.0	9.99	999.9	999.9	B 0
175	7 12 2	12	37	46.12	34.045	116.999	10.69	2.40	17	64	7.0	0.22	0.9	1.0	A 0
176	7 12 2	12	45	4.58	34.116	117.177	5.01	1.90	14	112	7.1	0.21	0.9	1.8	A 0
177	7 12 4	2	0	5.57	34.176	115.968	9.19	2.10	9	161	21.0	0.14	1.1	1.8	C 0
178	7 12 4	4	51	2.54	34.004	116.113	5.00	1.70	13	102	10.1	0.28	1.4	4.1	B 0
179	7 12 5	9	32	40.15	36.058	121.360	13.80	2.10	99	999	999.0	9.99	999.9	999.9	B 0

180	7	12	5	15	3	42.94	33.475	118.256	8.30	2.60	99	999	999.0	9.99	999.9	999.9	B	0
181	7	12	5	19	54	28.47	34.624	117.124	0.55	2.70	15	105	42.0	0.11	0.5	7.3	A	0
182	7	12	5	20	39	20.00	33.067	116.568	12.50	3.10	99	999	999.0	9.99	999.9	999.9	B	0
183	7	12	6	12	13	8.31	32.718	115.292	24.30	4.50	99	999	999.0	9.99	999.9	999.9	B	0
184	7	12	6	12	19	3.39	32.767	115.383	13.21	2.40	99	999	999.0	9.99	999.9	999.9	B	0
185	7	12	6	12	20	37.12	32.713	115.388	15.20	2.40	99	999	999.0	9.99	999.9	999.9	B	0
186	7	12	6	12	37	42.18	33.98	116.229	2.06	1.90	14	87	15.0	0.18	0.7	3.2	A	0
187	7	12	6	12	39	0.98	32.768	115.428	20.10	2.20	99	999	999.0	9.99	999.9	999.9	C	0
188	7	12	6	13	45	13.34	34.100	118.251	11.30	3.50	99	999	999.0	9.99	999.9	999.9	B	0
189	7	12	6	15	34	2.49	35.833	120.345	8.00	2.00	99	999	999.0	9.99	999.9	999.9	B	0
190	7	12	7	3	4	33.21	32.722	115.407	15.50	2.50	99	999	999.0	9.99	999.9	999.9	B	0
191	7	12	7	6	18	2.49	34.170	117.525	0.19	2.00	99	999	999.0	9.99	999.9	999.9	A	0
192	7	12	7	9	32	49.18	34.456	116.162	5.00	1.80	11	210	22.0	0.43	4.5	5.5	C	0
193	7	12	7	10	8	30.57	37.141	117.319	5.11	3.50	99	999	999.0	9.99	999.9	999.9	B	0
194	7	12	7	14	7	16.61	33.689	116.751	9.39	2.10	11	113	38.0	0.19	0.6	12.8	A	0
195	7	12	7	21	54	13.20	34.304	117.128	8.00	2.00	99	999	999.0	9.99	999.9	999.9	A	0
196	7	12	8	4	12	7.35	34.057	116.331	1.31	2.30	11	77	16.0	0.33	1.7	417.0	B	0
197	7	12	8	15	21	30.34	32.984	115.583	12.60	2.00	99	999	999.0	9.99	999.9	999.9	B	0
198	7	12	8	18	8	47.93	32.704	115.286	25.80	2.40	99	999	999.0	9.99	999.9	999.9	B	0
199	7	12	8	18	9	1.76	33.692	116.781	2.24	2.10	14	111	38.0	0.16	0.7	2.0	A	0
200	7	12	8	21	27	52.38	34.011	116.714	0.86	2.00	15	62	22.0	0.20	0.7	13.5	A	0
201	7	12	8	21	5	48.54	34.344	116.863	1.48	2.00	15	77	28.0	0.20	0.9	2.9	A	0
202	7	12	8	23	27	18.38	33.982	116.712	1.60	1.90	11	87	16.0	0.29	1.6	3.7	B	0
203	7	12	8	23	56	38.27	34.329	117.014	10.37	2.70	11	93	9.0	0.33	1.9	2.4	B	0
204	7	12	9	14	51	49.92	32.805	115.427	14.10	2.40	99	999	999.0	9.99	999.9	999.9	C	0
205	7	12	9	14	53	35.78	32.768	115.421	16.20	2.40	99	999	999.0	9.99	999.9	999.9	B	0
206	7	12	9	14	55	7.56	32.774	115.432	16.00	2.70	99	999	999.0	9.99	999.9	999.9	B	0
207	7	12	9	15	54	22.13	32.781	115.438	15.40	2.40	99	999	999.0	9.99	999.9	999.9	B	0
208	7	12	9	15	54	23.38	32.793	115.438	15.37	2.40	99	999	999.0	9.99	999.9	999.9	C	0
209	7	12	12	19	34	33.24	35.749	118.460	1.62	2.10	99	999	999.0	9.99	999.9	999.9	C	0
210	7	12	13	7	2	3.20	32.459	115.178	17.70	2.60	99	999	999.0	9.99	999.9	999.9	C	0
211	7	12	13	7	29	9.18	32.404	115.194	17.00	2.70	99	999	999.0	9.99	999.9	999.9	C	0
212	7	12	13	17	30	36.10	33.130	115.825	4.56	2.70	99	999	999.0	9.99	999.9	999.9	B	0
213	7	12	13	19	23	18.83	34.614	117.133	1.08	2.00	13	104	40.0	0.22	1.7	7.2	A	0
214	7	12	14	22	48	17.45	35.960	119.224	0.77	2.60	99	999	999.0	9.99	999.9	999.9	B	0
215	7	12	14	4	1	22.38	32.735	117.436	9.00	3.30	99	999	999.0	9.99	999.9	999.9	B	0
216	7	12	14	12	1	26.83	34.116	116.230	1.90	2.00	99	999	999.0	9.99	999.9	999.9	A	0
217	7	12	14	18	13	43.25	34.025	116.729	1.12	2.00	14	103	20.0	0.36	1.2	7.8	B	0
218	7	12	14	21	39	42.26	35.613	118.246	4.71	1.90	99	999	999.0	9.99	999.9	999.9	C	0
219	7	12	14	22	4	6.96	36.580	116.684	0.50	2.30	99	999	999.0	9.99	999.9	999.9	D	0
220	7	12	14	23	36	16.28	32.995	116.282	11.11	2.60	99	999	999.0	9.99	999.9	999.9	B	0
221	7	12	15	0	19	47.41	31.921	116.132	25.81	3.00	99	999	999.0	9.99	999.9	999.9	C	0
222	7	12	15	15	11	53.72	31.902	116.253	8.00	2.70	99	999	999.0	9.99	999.9	999.9	D	0
223	7	12	16	17	14	17.52	33.135	115.602	2.82	2.20	10	139	63.0	0.33	2.1	4.4	C	0
224	7	12	17	4	11	13.49	32.273	115.163	9.91	2.70	99	999	999.0	9.99	999.9	999.9	C	0
225	7	12	17	4	29	42.21	31.606	115.419	13.60	3.20	99	999	999.0	9.99	999.9	999.9	D	0
226	7	12	17	15	52	55.99	35.422	117.766	0.91	2.60	99	999	999.0	9.99	999.9	999.9	B	0
227	7	12	17	17	16	23.59	32.202	115.509	15.90	2.20	99	999	999.0	9.99	999.9	999.9	C	0
228	7	12	19	12	36	16.64	34.172	118.130	0.27	3.50	99	999	999.0	9.99	999.9	999.9	A	0
229	7	12	19	12	39	50.50	34.072	118.193	8.00	3.20	99	999	999.0	9.99	999.9	999.9	A	0
230	7	12	19	15	15	19.35	34.075	118.195	5.03	1.60	99	999	999.0	9.99	999.9	999.9	A	0
231	7	12	19	15	31	11.94	34.077	118.192	8.00	1.90	99	999	999.0	9.99	999.9	999.9	A	0
232	7	12	20	1	36	48.85	34.276	118.154	7.11	2.20	14	129	14.0	0.14	0.8	1.3	A	0
233	7	12	20	14	23	20.05	34.113	118.305	15.60	2.40	99	999	999.0	9.99	999.9	999.9	B	0
234	7	12	20	23	7	16.25	34.221	118.215	2.47	1.60	8	172	18.0	0.13	1.5	16.0	C	0
235	7	12	22	15	16	31.32	32.734	117.115	13.80	2.30	99	999	999.0	9.99	999.9	999.9	B	0
236	7	12	23	20	51	41.02	33.983	116.372	8.50	3.10	99	999	999.0	9.99	999.9	999.9	A	0
237	7	12	24	2	54	43.36	32.722	115.469	13.00	2.40	99	999	999.0	9.99	999.9	999.9	C	0
238	7	12	24	11	55	37.10	34.218	118.330	5.00	1.80	11	121	21.0	0.09	0.4	0.8	A	0
239	7	12	24	15	29	46.94	34.400	115.941	8.24	1.40	5	174	35.0	0.14	0.6	6.7	B	0
240	7	12	25	8	31	27.49	32.416	115.259	8.70	2.80	99	999	999.0	9.99	999.9	999.9	C	0
241	7	12	25	12	25	0.28	33.993	116.263	0.63	1.70	11	101	16.0	0.14	0.8	97.0	A	0

242	741225	15	55	52.33	33.685	116.709	14.5[illegible]	2.70	99	999	999.0	9.99	999.9	999.9	B	0
243	741225	17	14	9.55	32.399	115.213	9.[illegible]	2.50	99	999	999.0	9.99	999.9	999.9	D	0
244	741226	1	38	56.31	35.400	118.509	3.46	2.80	99	999	999.0	9.99	999.9	999.9	B	0
245	741226	4	5	9.04	34.375	118.422	9.43	1.74	99	999	999.0	9.99	999.9	999.9	A	0
246	741227	1	13	42.31	33.465	115.224	3.00	2.60	99	999	999.0	9.99	999.9	999.9	C	0
247	741227	3	43	19.95	32.107	116.343	8.00	2.50	99	999	999.0	9.99	999.9	999.9	C	0
248	741227	4	49	45.95	35.971	116.154	9.91	3.40	99	999	999.0	9.99	999.9	999.9	D	0
249	741227	12	18	46.52	34.271	120.153	8.78	2.60	99	999	999.0	9.99	999.9	999.9	C	0
250	741228	5	12	39.40	34.308	116.387	9.56	1.90	15	125	20.0	0.22	1.4	17.3	B	0
251	741228	12	13	52.15	34.221	116.811	9.24	2.10	13	140	18.0	0.14	0.8	8.9	B	0
252	741229	13	59	9.08	33.978	116.267	7.99	1.50	13	139	8.3	0.[illegible]	0.5	1.1	B	0
253	741123	18	9	6.43	33.873	116.197	1.76	1.88	11	115	6.9	0.[illegible]	1.1	207.[illegible]	C	1
254	741225	15	56	51.95	33.679	116.593	11.65	2.38	13	122	39.3	0.[illegible]	1.8	3.[illegible]	C	1

N	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	75 1 1	3	16	29.41	35.259	118.530	6.14	2.10	9	172	45.0	0.44	2.3	7.0	B	0
2	75 1 1	7	51	38.76	34.219	117.442	8.00	2.90	24	57	11.0	0.43	1.4	2.5	B	0
3	75 1 1	13	15	30.04	34.382	118.434	8.00	2.10	16	57	3.0	0.35	1.2	2.1	B	0
4	75 1 1	19	57	28.52	35.115	116.572	8.00	2.40	15	203	30.0	0.37	2.1	3.6	B	0
5	75 1 1	20	28	29.67	35.363	118.491	5.44	2.40	14	168	33.0	0.41	1.8	4.0	B	0
6	75 1 3	5	55	31.71	33.537	117.652	3.95	3.80	22	89	20.0	0.29	1.1	2.3	A	0
7	75 1 3	6	0	53.14	33.536	117.654	3.78	3.40	22	89	20.0	0.30	1.1	2.4	A	0
8	75 1 4	3	52	42.75	33.893	116.596	2.89	2.10	14	98	37.0	0.07	0.4	1.5	A	0
9	75 1 4	5	28	32.83	35.818	117.726	8.00	2.40	8	195	12.0	0.48	7.5	11.8	C	0
10	75 1 4	9	58	13.64	33.893	116.594	1.31	1.90	14	99	37.0	0.09	0.4	1.0	A	0
11	75 1 5	7	17	46.24	34.303	116.866	5.00	2.10	15	128	24.0	0.13	0.7	2.2	A	0
12	75 1 6	11	17	12.41	35.954	120.515	21.40	4.60	10	154	25.0	0.12	1.2	1.2	B	0
13	75 1 6	16	24	50.76	34.089	116.637	1.16	1.70	11	133	27.0	0.25	1.7	313.5	C	0
14	75 1 7	8	27	51.62	34.267	116.457	0.62	1.40	10	161	22.0	0.37	3.0	283.2	C	0
15	75 1 8	16	20	58.37	34.229	116.672	5.68	2.40	16	121	9.0	0.18	1.0	1.2	A	0
16	75 1 8	19	14	32.69	34.317	116.869	0.11	2.10	12	104	25.0	0.46	1.8	27.8	B	0
17	75 1 9	14	49	42.76	34.394	116.998	1.28	2.20	8	137	34.0	0.26	2.2	5.2	C	0
18	75 1 9	16	34	10.44	34.321	116.401	9.69	1.80	11	154	14.0	0.18	1.2	1.6	C	0
19	75 1 9	20	13	57.24	32.616	115.561	17.80	3.10	25	193	16.0	0.52	2.8	4.7	B	0
20	75 110	2	35	3.20	33.998	116.829	1.28	2.10	14	88	14.0	0.45	1.9	5.3	B	0
21	75 110	18	22	50.32	34.224	116.291	8.27	1.90	11	137	11.0	0.05	0.3	0.7	B	0
22	75 110	20	9	57.07	32.705	115.527	8.00	3.00	15	204	55.0	0.48	4.2	5.4	B	0
23	75 110	23	32	56.14	35.641	118.166	8.00	2.20	8	154	28.0	0.33	2.0	6.0	B	0
24	75 111	14	44	18.93	33.995	118.812	8.00	3.00	13	151	35.0	0.51	3.2	11.6	B	0
25	75 111	17	32	34.21	34.379	116.457	9.87	1.80	13	155	15.0	0.11	0.6	0.8	B	0
26	75 111	19	13	23.58	34.224	116.287	9.52	1.80	11	91	11.0	0.04	0.2	0.6	A	0
27	75 112	17	28	18.21	34.115	116.653	2.84	1.50	10	130	13.0	0.22	1.9	15.3	B	0
28	75 113	1	25	12.09	34.056	116.529	6.63	1.90	13	139	17.0	0.10	0.5	1.1	B	0
29	75 113	6	45	4.50	34.376	116.991	0.62	1.60	8	174	32.0	0.14	1.4	22.4	C	0
30	75 113	11	30	58.68	35.236	118.530	6.05	2.20	10	201	48.0	0.64	3.9	14.9	B	0
31	75 113	13	41	8.71	33.814	118.065	10.60	2.00	10	119	21.0	0.35	2.2	4.4	B	0
32	75 113	22	33	36.08	34.292	116.405	12.68	1.10	7	150	17.0	0.03	0.3	0.8	B	0
33	75 113	23	28	41.30	34.177	117.586	3.63	3.30	24	51	25.0	0.25	0.8	1.5	A	0
34	75 113	23	48	39.57	34.447	115.912	9.62	1.50	7	118	3.0	0.06	0.9	0.9	A	0
35	75 114	1	54	26.00	32.883	115.560	11.20	2.70	7	109	12.0	0.06	0.5	1.3	A	0
36	75 114	2	8	15.31	32.892	115.574	12.40	2.80	18	103	13.0	0.37	1.8	2.5	B	0
37	75 114	2	20	51.26	32.885	115.578	5.33	2.50	10	107	13.0	0.18	1.2	1.9	B	0
38	75 114	4	18	10.00	33.667	116.680	8.00	2.50	23	54	39.0	0.54	1.7	5.2	B	0
39	75 114	7	58	41.46	33.817	118.069	11.60	3.40	21	80	20.0	0.37	1.3	2.5	B	0
40	75 114	8	55	58.50	35.366	118.867	3.17	2.70	7	180	49.0	0.45	5.0	54.5	C	0
41	75 115	7	38	3.32	33.807	118.050	8.00	2.10	12	127	21.0	0.36	1.9	6.4	B	0
42	75 115	16	50	40.89	34.625	117.314	0.63	2.40	15	113	36.0	0.23	1.1	1.4	B	0
43	75 115	19	54	33.42	33.826	116.141	5.00	1.50	9	164	13.0	0.17	1.7	5.6	C	0
44	75 116	11	57	2.99	33.993	116.400	16.09	0.90	5	218	20.0	0.03	1.1	4.1	C	0
45	75 116	23	58	17.64	34.021	116.401	5.00	1.60	11	163	21.0	0.19	1.4	5.0	C	0
46	75 117	7	33	18.48	34.019	116.405	7.97	2.10	14	94	21.0	0.08	0.4	0.9	A	0
47	75 117	20	26	27.38	34.470	117.011	5.00	1.90	11	146	37.0	0.62	4.5	12.5	C	0
48	75 118	2	6	28.07	33.995	116.652	6.51	2.50	17	145	25.0	0.22	1.2	1.7	C	0
49	75 118	18	8	52.02	32.985	116.267	0.10	2.40	10	103	30.0	0.19	0.9	1.6	A	0
50	75 118	19	50	56.39	33.441	118.214	8.00	2.40	14	137	18.0	0.36	1.8	4.1	B	0
51	75 119	8	52	50.64	32.927	115.486	7.46	2.80	8	105	9.0	0.15	1.2	2.8	B	0
52	75 119	12	47	54.29	32.929	115.464	0.12	2.90	6	121	8.0	0.12	0.6	3.2	A	0
53	75 119	14	28	50.36	36.282	118.397	5.10	3.80	10	116	69.0	0.25	1.5	4.1	B	0
54	75 119	19	49	59.25	33.755	116.085	0.83	2.10	12	138	22.0	0.09	0.5	12.7	B	0
55	75 120	9	25	55.69	32.426	115.236	8.00	2.70	10	207	44.0	0.40	3.9	18.2	B	0
56	75 120	14	11	7.13	33.882	116.532	10.86	1.50	13	103	31.0	0.10	0.6	1.0	A	0
57	75 121	1	30	19.44	33.750	116.090	1.06	2.10	12	131	22.0	0.10	0.6	120.3	B	0
58	75 121	9	40	42.18	32.939	115.473	4.50	2.50	6	129	9.0	0.04	0.5	0.7	A	0

59	75	121	15	28	46.17	34.047	117.350	0.76	2.10	11	76	6.0	0.19	0.9	168.0	A	0
60	75	121	16	47	34.29	32.938	115.474	4.57	3.20	8	73	9.0	0.02	0.2	0.3	A	0
61	75	122	1	31	20.47	34.282	116.604	1.13	2.40	15	79	8.0	0.12	0.5	140.7	A	0
62	75	123	3	48	43.13	33.905	118.647	15.60	3.20	22	125	29.0	0.57	2.4	3.5	B	0
63	75	123	6	28	20.97	34.001	116.074	9.07	1.50	9	113	11.0	0.10	0.6	1.5	A	0
64	75	123	7	8	26.04	32.934	115.483	3.66	2.30	8	83	9.0	0.05	0.3	0.5	A	0
65	75	123	7	50	32.54	32.931	115.481	4.09	1.50	7	82	9.0	0.02	0.1	0.2	A	0
66	75	123	7	57	18.63	32.999	115.521	7.26	1.00	5	124	6.0	0.01	0.2	0.5	A	0
67	75	123	8	41	39.53	33.998	116.843	15.26	2.00	11	152	13.0	0.15	1.1	1.3	C	0
68	75	123	10	39	41.76	32.936	115.473	4.99	1.50	9	59	9.0	0.03	0.2	0.8	A	0
69	75	123	12	20	58.92	32.936	115.481	4.25	2.90	8	82	9.0	0.04	0.2	0.3	A	0
70	75	123	12	26	55.19	32.933	115.481	4.10	1.00	6	82	9.0	0.01	0.1	0.1	A	0
71	75	123	12	30	16.02	32.933	115.481	4.00	4.00	11	64	9.0	0.02	0.1	0.1	A	0
72	75	123	12	36	2.67	32.928	115.479	4.75	2.00	6	139	8.0	0.01	0.1	0.1	A	0
73	75	123	12	40	44.80	32.929	115.478	4.58	1.50	7	80	8.0	0.01	0.1	0.2	A	0
74	75	123	12	41	28.30	32.940	115.484	3.92	1.50	6	84	10.0	0.01	999.9	0.1	A	0
75	75	123	12	42	51.65	32.928	115.480	5.52	3.90	11	65	8.0	0.04	0.2	0.5	A	0
76	75	123	12	49	55.17	32.935	115.481	4.78	3.10	8	74	9.0	0.02	0.1	0.2	A	0
77	75	123	12	54	30.18	32.928	115.493	7.89	2.00	7	85	9.0	0.35	3.0	6.6	B	0
78	75	123	12	55	48.57	32.929	115.481	4.69	4.40	10	66	9.0	0.02	0.1	0.2	A	0
79	75	123	13	0	38.18	32.924	115.479	5.53	2.50	6	79	8.0	0.01	0.1	0.3	A	0
80	75	123	13	2	7.27	32.932	115.481	5.06	3.80	9	67	9.0	0.02	0.1	0.3	A	0
81	75	123	13	24	26.91	32.940	115.470	4.24	2.80	8	79	9.0	0.02	0.1	0.2	A	0
82	75	123	13	47	18.96	32.945	115.485	4.45	4.00	9	86	10.0	0.02	0.1	0.1	A	0
83	75	123	13	54	15.66	32.917	115.477	5.45	3.00	10	78	7.0	0.02	0.1	0.3	A	0
84	75	123	14	1	24.48	32.952	115.484	4.60	2.10	7	86	11.0	0.04	0.3	0.3	A	0
85	75	123	14	4	2.93	32.919	115.478	3.71	2.40	7	79	7.0	0.01	0.1	0.1	A	0
86	75	123	14	15	39.67	32.918	115.478	5.40	3.30	10	69	7.0	0.03	0.1	0.4	A	0
87	75	123	14	21	52.65	32.943	115.493	3.17	2.10	8	88	10.0	0.24	1.4	1.9	B	0
88	75	123	14	36	44.72	32.914	115.478	5.21	1.90	7	78	7.0	0.01	0.1	0.2	A	0
89	75	123	14	40	48.76	32.945	115.485	3.99	2.00	7	108	10.0	0.02	0.1	0.4	A	0
90	75	123	14	49	9.49	32.947	115.486	4.34	3.70	10	60	10.0	0.02	0.1	0.2	A	0
91	75	123	15	12	37.26	32.916	115.474	5.69	2.00	8	88	7.0	0.01	999.9	0.1	A	0
92	75	123	15	14	5.81	32.950	115.485	4.52	3.30	9	59	11.0	0.04	0.2	0.3	A	0
93	75	123	15	24	20.10	32.951	115.485	4.26	2.30	7	87	11.0	0.02	0.1	0.1	A	0
94	75	123	15	45	39.63	32.945	115.485	4.40	4.30	11	60	10.0	0.03	0.1	0.2	A	0
95	75	123	15	55	0.64	32.954	115.487	4.57	2.20	9	59	11.0	0.03	0.1	0.2	A	0
96	75	123	15	57	13.57	32.946	115.483	4.93	3.00	8	85	10.0	0.03	0.2	1.4	A	0
97	75	123	16	1	13.95	32.954	115.486	4.47	2.90	11	59	11.0	0.03	0.1	0.2	A	0
98	75	123	16	18	32.49	32.921	115.479	4.49	3.00	9	79	8.0	0.04	0.2	0.4	A	0
99	75	123	16	42	23.77	32.917	115.477	5.76	3.00	10	78	7.0	0.02	0.1	0.2	A	0
100	75	123	16	47	32.89	32.936	115.509	0.23	1.50	9	94	11.0	0.56	3.0	23.4	B	0
101	75	123	16	49	7.91	32.919	115.478	5.91	2.70	9	117	8.0	0.02	0.2	0.4	A	0
102	75	123	17	1	35.18	32.954	115.488	4.30	3.40	9	69	11.0	0.04	0.2	0.3	A	0
103	75	123	17	2	29.43	32.952	115.490	4.29	4.80	7	117	11.0	0.03	0.3	0.5	A	0
104	75	123	17	15	24.18	32.961	115.486	3.78	3.40	7	79	12.0	0.03	0.3	0.8	A	0
105	75	123	17	25	13.23	32.964	115.484	4.11	2.90	7	139	12.0	0.03	0.3	0.5	A	0
106	75	123	17	28	11.30	32.911	115.476	5.57	3.00	6	121	7.0	0.01	0.1	0.1	A	0
107	75	123	17	33	2.96	32.917	115.480	4.34	2.60	7	79	7.0	0.02	0.1	0.2	A	0
108	75	123	17	47	0.79	32.918	115.492	4.99	2.60	7	83	8.0	0.01	999.9	0.3	A	0
109	75	123	17	49	27.64	32.924	115.508	3.92	3.20	6	100	10.0	0.59	6.1	16.9	C	0
110	75	123	17	55	55.69	32.956	115.484	4.39	2.70	6	113	11.0	0.03	0.3	0.4	A	0
111	75	123	18	15	29.98	32.935	115.481	6.84	3.60	8	74	9.0	0.04	0.2	0.7	A	0
112	75	123	19	17	16.96	32.918	115.483	3.83	1.50	6	183	8.0	0.06	1.0	0.9	A	0
113	75	123	19	17	45.17	32.913	115.478	5.09	3.20	7	90	7.0	0.03	0.2	0.4	A	0
114	75	123	19	32	4.12	32.911	115.467	8.00	2.70	5	169	62.0	0.11	999.9	999.9	D	0
115	75	123	20	47	5.81	32.947	115.457	4.46	3.00	8	102	10.0	0.02	0.1	0.2	A	0
116	75	123	20	51	28.52	32.958	115.490	7.71	2.30	7	91	10.0	0.04	0.4	1.0	A	0
117	75	123	21	3	34.59	32.985	115.498	5.38	2.40	12	64	7.0	0.02	0.1	0.3	A	0
118	75	123	21	45	15.64	32.913	115.480	5.56	3.50	9	74	7.0	0.01	999.9	0.1	A	0
119	75	123	22	16	43.80	32.991	115.497	5.51	3.30	8	86	7.0	0.01	0.1	0.3	A	0
120	75	123	22	21	4.15	32.990	115.496	5.31	3.50	10	88	7.0	0.03	0.2	0.5	A	0

122	75	123	22	32	56.82	33.870	117.673	0.41	2.60	15	132	30.0	0.24	0.9	7.3	B	0
123	75	123	22	33	56.43	32.990	115.495	5.45	3.20	7	87	7.0	0.01	0.1	0.3	A	0
124	75	123	22	46	50.07	32.989	115.495	6.04	3.10	10	75	7.0	0.05	0.3	0.7	A	0
125	75	123	22	50	32.08	32.927	115.504	8.00	2.90	5	164	64.0	0.14	43.5	89.7	D	0
126	75	123	23	24	34.43	32.990	115.495	5.33	4.00	9	89	7.0	0.02	0.1	0.4	A	0
127	75	123	23	30	38.82	32.916	115.477	4.75	1.50	5	90	7.0	0.02	0.4	0.6	A	0
128	75	123	23	39	45.48	32.987	115.496	4.72	3.10	10	86	7.0	0.03	0.2	0.3	A	0
129	75	123	23	43	41.34	32.991	115.496	5.43	3.10	11	63	7.0	0.03	0.1	0.4	A	0
130	75	123	23	51	22.57	32.989	115.494	5.79	3.10	10	87	7.0	0.02	0.1	0.8	A	0
131	75	124	0	3	25.11	32.989	115.496	5.62	3.20	10	76	7.0	0.02	0.1	0.2	A	0
132	75	124	0	5	59.27	32.911	115.476	5.40	2.60	7	77	7.0	0.02	0.2	0.3	A	0
133	75	124	0	14	22.36	32.993	115.499	4.97	3.10	10	84	7.0	0.02	0.1	0.2	A	0
134	75	124	1	37	21.07	33.053	115.560	0.44	3.00	6	165	68.0	0.28	2.1	4.0	B	0
135	75	124	1	43	40.80	32.978	115.500	4.93	2.50	8	80	8.0	0.03	0.2	0.4	A	0
136	75	124	1	44	9.85	32.953	115.454	3.34	2.70	6	91	10.0	0.01	999.9	0.1	A	0
137	75	124	1	55	25.07	32.978	115.508	3.94	2.20	11	75	8.0	0.03	0.2	0.7	A	0
138	75	124	2	2	0.84	32.977	115.500	4.03	2.30	8	117	14.0	0.03	0.2	3.9	A	0
139	75	124	2	34	50.62	32.914	115.480	4.77	3.00	6	110	7.0	0.01	0.1	0.1	A	0
140	75	124	3	30	37.28	32.983	115.506	4.75	2.20	8	77	8.0	0.01	0.1	0.1	A	0
141	75	124	3	44	14.55	32.948	115.485	3.44	2.30	7	86	11.0	0.01	0.1	0.1	A	0
142	75	124	4	0	39.34	32.958	115.487	4.18	3.40	7	89	5.0	0.03	0.2	0.3	A	0
143	75	124	4	5	20.89	32.984	115.506	4.69	2.00	10	119	15.0	0.02	0.1	3.2	A	0
144	75	124	4	30	4.64	32.995	115.506	6.28	2.80	11	66	6.0	0.01	999.9	0.2	A	0
145	75	124	5	11	45.96	32.957	115.485	3.50	2.60	10	59	10.0	0.03	0.1	0.2	A	0
146	75	124	5	19	26.53	32.989	115.502	6.52	2.00	8	106	7.0	0.01	999.9	0.1	A	0
147	75	124	6	45	52.48	32.905	115.481	3.93	3.90	12	80	6.0	0.04	0.2	0.3	A	0
148	75	124	7	58	17.03	32.899	115.474	5.30	2.30	8	80	5.0	0.06	0.4	0.7	A	0
149	75	124	9	1	23.70	32.987	115.504	4.30	2.50	8	80	7.0	0.03	0.2	0.4	A	0
150	75	124	11	1	54.73	34.030	119.054	12.50	2.70	14	145	82.0	0.36	1.1	2.5	B	0
151	75	124	11	15	1.89	32.927	115.483	4.46	3.40	8	87	8.0	0.01	0.1	0.2	A	0
152	75	124	11	29	56.59	32.985	115.500	2.80	1.50	9	82	7.0	0.04	0.2	0.9	A	0
153	75	124	11	34	57.29	32.988	115.499	4.20	2.30	8	83	7.0	0.08	0.6	1.1	A	0
154	75	124	11	49	29.35	32.932	115.488	3.50	2.10	6	84	9.0	0.03	0.3	0.5	A	0
155	75	124	12	37	22.80	32.950	115.457	4.11	2.20	8	88	10.0	0.04	0.2	0.3	A	0
156	75	124	12	48	0.73	32.958	115.491	7.11	3.00	11	78	10.0	0.03	0.1	0.6	A	0
157	75	124	12	49	23.60	32.957	115.485	4.86	3.00	6	110	10.0	0.03	0.3	1.2	A	0
158	75	124	13	25	17.46	32.990	115.502	4.00	2.90	11	65	4.0	0.04	0.2	0.5	A	0
159	75	124	13	44	8.24	32.955	115.497	7.66	1.50	6	93	11.0	0.04	0.4	1.2	A	0
160	75	124	14	17	51.55	32.990	115.501	3.94	2.70	8	82	7.0	0.03	0.3	0.4	A	0
161	75	124	14	26	5.25	32.946	115.490	4.62	2.50	6	88	11.0	0.03	0.3	0.5	A	0
162	75	124	14	40	10.02	32.990	115.497	4.50	3.00	12	64	4.0	0.05	0.2	0.4	A	0
163	75	124	15	6	10.89	32.907	115.477	4.71	2.50	8	76	6.0	0.01	0.1	0.1	A	0
164	75	124	15	26	1.68	32.980	115.405	4.85	2.50	7	130	9.0	0.02	0.3	0.3	A	0
165	75	124	15	37	11.42	32.975	115.404	3.46	2.40	8	157	12.0	0.02	0.1	0.2	A	0
166	75	124	15	59	41.13	32.960	115.445	4.05	2.50	9	99	11.0	0.01	999.9	999.9	A	0
167	75	124	16	4	15.13	32.971	115.442	6.44	2.60	8	108	10.0	0.02	0.1	0.3	A	0
168	75	124	16	17	51.15	32.963	115.445	4.55	2.50	8	101	11.0	0.03	0.1	0.2	A	0
169	75	124	16	52	1.77	32.963	115.444	4.16	3.10	8	112	11.0	0.01	999.9	0.1	A	0
170	75	124	17	49	36.01	32.913	115.478	4.88	2.40	9	78	7.0	0.01	0.1	0.1	A	0
171	75	124	18	5	57.20	32.914	115.480	4.60	2.20	9	78	7.0	0.01	0.1	0.1	A	0
172	75	124	18	26	55.13	32.911	115.478	5.48	3.90	7	77	7.0	0.02	0.2	0.3	A	0
173	75	124	18	32	17.02	32.915	115.479	4.32	2.70	7	78	7.0	0.02	0.2	0.3	A	0
174	75	124	19	7	2.90	32.995	115.492	8.00	2.30	14	141	6.0	0.25	1.4	2.8	B	0
175	75	124	19	8	30.79	32.910	115.477	5.49	2.50	6	110	7.0	0.03	0.3	0.5	A	0
176	75	124	19	10	29.52	32.973	115.407	4.83	2.20	8	121	9.0	0.04	0.3	0.5	A	0
177	75	124	19	42	22.12	32.917	115.479	4.44	3.60	7	110	7.0	0.03	0.2	0.3	A	0
178	75	124	20	45	35.17	32.972	115.410	3.96	2.70	8	120	9.0	0.03	0.2	0.4	A	0
179	75	124	20	47	1.62	32.973	115.408	3.77	2.90	7	121	9.0	0.05	0.4	0.5	A	0
180	75	124	20	47	5.30	32.974	115.408	3.37	2.90	8	122	9.0	0.01	0.1	0.1	A	0
181	75	124	20	53	54.16	32.969	115.412	3.91	2.50	8	117	10.0	0.02	0.1	0.3	A	0
182	75	124	21	14	24.26	32.916	115.474	5.74	2.30	7	76	7.0	0.01	0.1	0.1	A	0

183	75	124	21	27	3.52	32.916	115.479	6.36	2.50	7	78	7.0	0.04	0.3	0.9	A	0
184	75	124	21	50	49.86	32.863	115.465	8.00	1.90	9	124	3.0	0.60	4.1	6.1	B	0
185	75	124	22	12	23.36	32.923	115.478	4.43	2.80	10	69	8.0	0.09	0.5	0.9	A	0
186	75	124	22	15	55.59	32.913	115.474	4.96	2.40	8	118	7.0	0.03	0.3	0.4	A	0
187	75	124	23	19	18.94	34.057	117.215	8.31	1.90	11	100	16.0	0.18	1.3	2.6	B	0
188	75	124	23	41	19.11	32.969	115.411	4.19	2.90	8	117	10.0	0.04	0.2	0.3	A	0
189	75	124	23	42	36.87	32.972	115.409	4.70	2.90	8	120	9.0	0.03	0.3	0.5	A	0
190	75	125	3	43	31.35	32.992	115.501	5.55	1.50	8	76	7.0	0.03	0.2	0.4	A	0
191	75	125	4	3	44.62	32.992	115.501	5.12	1.50	9	76	7.0	0.04	0.3	0.5	A	0
192	75	125	5	3	57.15	32.904	115.473	4.89	2.00	8	76	6.0	0.03	0.2	0.2	A	0
193	75	125	5	8	38.86	32.988	115.495	5.60	3.70	15	51	2.0	0.03	0.1	0.1	A	0
194	75	125	5	13	29.35	32.992	115.497	5.59	2.40	13	64	7.0	0.03	0.1	0.3	A	0
195	75	125	5	15	52.56	32.987	115.502	5.00	2.90	9	78	7.0	0.03	0.2	0.3	A	0
196	75	125	5	20	3.92	32.991	115.500	2.15	2.00	9	105	7.0	0.02	0.1	0.2	A	0
197	75	125	5	21	18.21	32.992	115.501	5.59	2.00	10	65	7.0	0.02	0.1	0.3	A	0
198	75	125	5	22	18.81	32.987	115.501	5.13	3.10	13	64	7.0	0.02	0.1	0.2	A	0
199	75	125	6	1	32.90	32.989	115.496	5.79	3.60	14	51	2.0	0.01	999.9	999.9	A	0
200	75	125	6	3	30.96	32.989	115.497	5.72	2.50	13	51	2.0	0.01	999.9	999.9	A	0
201	75	125	6	23	3.17	32.990	115.507	4.51	1.60	11	65	8.0	0.06	0.3	0.6	A	0
202	75	125	6	23	26.87	32.922	115.484	3.50	2.30	9	81	8.0	0.13	0.7	1.1	A	0
203	75	125	6	40	10.05	32.986	115.502	5.58	2.60	10	78	7.0	0.02	0.1	0.2	A	0
204	75	125	7	0	11.24	32.986	115.501	5.21	3.10	12	64	7.0	0.01	999.9	0.1	A	0
205	75	125	7	1	49.46	32.988	115.503	5.48	3.70	12	65	1.0	0.01	999.9	0.2	A	0
206	75	125	7	12	57.83	32.986	115.506	5.32	1.50	11	65	7.0	0.01	0.1	0.3	A	0
207	75	125	7	30	26.11	32.983	115.505	5.54	2.10	9	106	8.0	0.01	0.1	0.2	A	0
208	75	125	7	34	52.61	32.986	115.501	5.73	2.00	8	64	7.0	0.02	0.1	0.3	A	0
209	75	125	7	36	31.09	32.989	115.500	6.11	2.30	10	64	7.0	0.01	999.9	0.3	A	0
210	75	125	7	45	48.01	32.984	115.500	6.28	2.00	9	103	8.0	0.02	0.1	0.4	A	0
211	75	125	8	16	53.83	32.982	115.507	5.09	2.00	11	65	8.0	0.02	0.1	0.3	A	0
212	75	125	8	29	32.26	32.986	115.508	5.06	1.60	9	109	7.0	0.02	0.2	0.4	A	0
213	75	125	8	39	6.22	32.982	115.505	5.86	2.10	11	65	8.0	0.02	0.1	0.3	A	0
214	75	125	8	57	41.50	32.985	115.503	4.88	2.20	11	105	7.0	0.01	0.1	0.1	A	0
215	75	125	8	58	52.89	32.986	115.501	4.88	2.50	9	104	7.0	0.01	0.1	0.1	A	0
216	75	125	9	32	45.26	32.955	115.486	4.00	2.50	8	88	11.0	0.03	0.1	0.2	A	0
217	75	125	10	1	39.25	32.955	115.488	4.20	2.60	10	89	11.0	0.03	0.1	0.2	A	0
218	75	125	10	7	33.35	32.996	115.501	7.38	1.50	10	104	7.0	0.04	0.3	0.5	A	0
219	75	125	10	23	51.89	32.960	115.488	5.23	2.50	10	90	10.0	0.05	0.3	0.9	A	0
220	75	125	10	56	9.91	32.903	115.472	5.85	2.10	8	76	6.0	0.02	0.1	0.3	A	0
221	75	125	11	16	31.49	32.981	115.501	5.90	1.90	8	109	8.0	0.02	0.2	0.6	A	0
222	75	125	11	16	58.85	32.915	115.509	9.20	2.00	11	88	9.0	0.08	0.5	1.1	A	0
223	75	125	12	38	51.66	32.987	115.499	5.93	2.30	10	103	7.0	0.01	0.1	0.3	A	0
224	75	125	12	50	50.74	34.284	117.138	0.81	2.00	11	153	19.0	0.75	4.7	123.5	C	0
225	75	125	13	7	38.91	32.981	115.510	5.92	2.30	10	109	8.0	0.02	0.1	0.3	A	0
226	75	125	13	9	0.27	32.986	115.509	5.67	3.40	14	70	1.0	0.02	0.1	999.9	A	0
227	75	125	13	20	29.98	32.983	115.506	4.80	2.10	9	107	8.0	0.01	0.1	0.1	A	0
228	75	125	14	37	8.73	32.982	115.508	4.27	2.30	8	76	8.0	0.01	0.1	0.2	A	0
229	75	125	14	37	46.18	32.981	115.508	5.52	2.30	11	65	8.0	0.02	0.1	0.2	A	0
230	75	125	14	38	24.74	32.982	115.504	5.91	2.30	11	65	8.0	0.01	999.9	0.2	A	0
231	75	125	14	42	42.78	32.985	115.505	4.87	3.10	13	65	7.0	0.02	0.1	0.2	A	0
232	75	125	14	44	46.88	32.981	115.501	2.45	2.30	11	64	8.0	0.10	0.4	1.7	A	0
233	75	125	14	48	24.63	32.983	115.506	4.74	2.10	11	77	8.0	0.03	0.2	0.3	A	0
234	75	125	14	53	50.60	32.990	115.508	4.66	3.60	10	95	1.0	0.04	0.2	0.1	A	0
235	75	125	15	2	45.01	32.988	115.497	4.75	2.70	9	76	7.0	0.01	0.1	0.1	A	0
236	75	125	15	5	6.65	32.991	115.507	4.42	2.00	9	97	7.0	0.04	0.2	0.4	A	0
237	75	125	15	7	51.87	32.984	115.502	5.83	2.20	10	80	7.0	0.03	0.2	0.6	A	0
238	75	125	15	9	11.23	32.987	115.503	5.13	3.60	14	53	1.0	0.01	999.9	999.9	A	0
239	75	125	15	11	16.75	32.985	115.504	4.81	3.40	8	119	7.0	0.03	0.2	0.3	A	0
240	75	125	15	17	26.20	32.931	115.509	5.74	3.50	14	66	1.0	0.02	0.1	999.9	A	0
241	75	125	15	24	31.19	32.982	115.500	4.93	2.00	10	64	8.0	0.01	0.1	0.1	A	0
242	75	125	15	25	48.68	32.988	115.508	4.20	3.50	15	54	1.0	0.03	0.1	999.9	A	0
243	75	125	15	30	59.29	32.982	115.511	5.53	2.80	11	81	8.0	0.02	0.1	0.3	A	0
244	75	125	15	39	51.55	32.984	115.507	4.89	1.90	9	108	8.0	0.05	0.4	0.5	A	0

246	75	125	15	49	37.64	32.989	115.499	4.35	2.60	8	104	7.0	0.02	0.1	0.2	A	0
247	75	125	15	51	36.54	32.986	115.500	6.00	2.50	9	104	7.0	0.02	0.1	0.4	A	0
248	75	125	15	55	12.48	32.987	115.503	4.53	2.00	11	98	7.0	0.01	0.1	0.1	A	0
249	75	125	15	56	18.35	32.991	115.501	4.37	3.30	14	54	1.0	0.05	0.2	0.1	A	0
250	75	125	16	8	56.29	32.981	115.509	6.44	2.40	11	108	8.0	0.02	0.1	0.3	A	0
251	75	125	16	36	34.00	32.978	115.508	3.83	2.10	11	65	8.0	0.02	0.1	0.3	A	0
252	75	125	17	22	49.37	32.979	115.513	4.60	2.90	12	66	8.0	0.02	0.1	0.2	A	0
253	75	125	17	35	31.41	32.977	115.509	4.02	2.70	9	74	8.0	0.03	0.2	0.5	A	0
254	75	125	18	2	7.37	32.987	115.499	6.29	3.80	13	74	1.0	0.04	0.2	0.2	A	0
255	75	125	18	11	43.10	32.991	115.500	5.27	3.00	11	85	1.0	0.04	0.2	0.1	A	0
256	75	125	18	55	50.27	32.986	115.499	4.26	2.20	8	107	7.0	0.05	0.4	0.6	A	0
257	75	125	19	17	57.98	32.983	115.509	4.52	2.80	8	109	8.0	0.02	0.2	0.4	A	0
258	75	125	19	27	11.35	32.981	115.509	4.43	2.70	7	103	8.0	0.02	0.1	0.3	A	0
259	75	125	19	37	18.46	32.982	115.496	3.72	2.10	6	125	8.0	0.08	1.2	1.6	B	0
260	75	125	19	54	30.17	33.002	115.517	10.80	2.80	11	115	6.0	0.33	2.2	3.5	B	0
261	75	125	20	10	42.55	32.980	115.509	4.20	2.50	8	75	8.0	0.01	0.1	0.2	A	0
262	75	125	21	4	52.64	32.977	115.508	6.87	2.80	7	106	8.0	0.01	0.1	0.2	A	0
263	75	125	21	33	45.61	32.994	115.532	3.18	1.80	7	144	7.0	0.40	3.7	4.1	B	0
264	75	125	21	35	15.90	33.002	115.510	7.96	2.70	7	141	6.0	0.02	0.3	0.4	A	0
265	75	125	22	18	37.29	32.955	115.478	11.90	2.10	10	105	11.0	0.31	2.4	5.2	B	0
266	75	125	22	35	51.69	32.951	115.486	4.29	3.10	7	87	11.0	0.02	0.1	0.1	A	0
267	75	126	0	59	32.19	32.980	115.505	7.25	2.50	8	77	8.0	0.01	999.9	0.2	A	0
268	75	126	1	42	14.55	32.996	115.516	3.50	2.90	9	121	7.0	0.02	0.2	0.4	A	0
269	75	126	2	49	7.34	32.983	115.506	7.26	2.20	9	107	8.0	0.01	999.9	0.2	A	0
270	75	126	2	56	44.23	32.976	115.509	3.54	2.50	11	65	8.0	0.03	0.1	0.2	A	0
271	75	126	3	41	55.24	32.998	115.514	3.65	3.80	12	68	6.0	0.03	0.2	0.3	A	0
272	75	126	3	52	32.08	32.978	115.504	5.47	1.50	8	104	8.0	0.05	0.5	1.1	A	0
273	75	126	3	56	18.91	32.990	115.509	8.79	2.40	10	95	7.0	0.16	1.1	2.5	A	0
274	75	126	4	10	29.10	32.999	115.517	3.83	2.30	10	70	6.0	0.03	0.2	0.3	A	0
275	75	126	4	19	49.43	32.997	115.522	5.69	2.20	12	70	7.0	0.23	1.2	3.8	B	0
276	75	126	4	51	44.58	33.002	115.523	6.62	2.90	18	53	6.0	0.26	1.0	2.4	A	0
277	75	126	6	15	46.85	33.651	116.715	9.28	2.10	13	113	35.0	0.10	0.6	1.3	A	0
278	75	126	7	27	0.74	32.949	115.487	10.40	2.30	16	60	11.0	0.18	0.7	1.8	A	0
279	75	126	7	34	22.47	32.998	115.515	3.75	2.00	10	68	6.0	0.06	0.3	0.6	A	0
280	75	126	9	34	51.96	32.987	115.500	4.72	2.60	10	64	7.0	0.02	0.1	0.2	A	0
281	75	126	9	36	48.13	32.992	115.518	4.37	2.70	10	69	7.0	0.03	0.1	0.3	A	0
282	75	126	10	14	33.88	32.980	115.512	4.87	2.10	10	82	8.0	0.02	0.1	0.2	A	0
283	75	126	11	52	28.16	32.988	115.502	7.36	2.00	8	106	7.0	0.04	0.3	0.6	A	0
284	75	126	12	13	31.17	32.978	115.506	5.46	2.10	10	82	8.0	0.02	0.1	0.3	A	0
285	75	126	13	17	18.58	32.998	115.516	4.31	2.20	9	68	6.0	0.05	0.3	0.5	A	0
286	75	126	13	19	9.52	32.978	115.511	5.03	2.10	10	66	8.0	0.02	0.1	0.4	A	0
287	75	126	14	11	52.24	32.985	115.499	5.52	2.00	10	83	7.0	0.01	0.1	0.2	A	0
288	75	126	14	19	10.28	32.988	115.500	6.78	2.90	11	64	7.0	0.01	999.9	0.2	A	0
289	75	126	14	55	51.39	32.993	115.514	4.21	2.20	9	68	7.0	0.04	0.3	0.5	A	0
290	75	126	14	57	47.98	32.975	115.516	4.75	2.30	10	110	9.0	0.04	0.3	0.5	A	0
291	75	126	15	41	1.75	32.991	115.515	4.27	2.60	9	120	7.0	0.02	0.1	0.2	A	0
292	75	126	17	4	39.70	32.993	115.516	4.30	2.40	11	68	7.0	0.02	0.1	0.2	A	0
293	75	126	17	33	9.08	32.979	115.509	6.88	2.70	12	65	8.0	0.01	999.9	0.1	A	0
294	75	126	17	36	24.59	32.981	115.508	7.06	2.60	11	76	8.0	0.01	999.9	0.2	A	0
295	75	126	18	12	56.94	32.983	115.503	5.87	2.40	10	101	8.0	0.02	0.1	0.5	A	0
296	75	126	19	13	1.14	32.979	115.508	6.72	1.90	11	65	8.0	0.02	0.1	0.3	A	0
297	75	126	20	36	5.28	32.987	115.499	6.32	2.10	9	103	7.0	0.01	0.1	0.3	A	0
298	75	127	2	7	20.79	32.584	117.299	22.30	3.10	10	224	38.0	0.18	2.5	2.1	B	0
299	75	127	12	5	29.78	33.712	116.826	4.77	2.40	9	126	40.0	0.35	1.3	4.3	B	0
300	75	127	12	6	1.72	32.987	115.496	5.60	2.40	9	130	7.0	0.01	0.1	0.2	A	0
301	75	127	12	54	24.96	32.994	115.508	7.82	2.70	10	113	7.0	0.02	0.2	0.3	A	0
302	75	127	12	55	6.94	32.997	115.508	7.88	2.90	9	143	6.0	0.02	0.2	0.3	A	0
303	75	127	16	49	22.42	33.042	115.521	8.00	2.60	5	164	65.0	0.52	29.1	74.7	D	0
304	75	127	18	30	18.38	32.978	115.512	7.78	2.20	7	165	8.0	0.02	0.2	0.4	A	0
305	75	127	18	34	55.80	32.988	115.438	3.53	2.40	8	165	14.0	0.41	3.8	5.1	B	0
306	75	128	5	22	23.13	34.172	118.570	12.30	2.90	25	116	12.0	0.37	1.1	1.4	A	0

30	75	128	10	39	10.21	32.986	115.511	7.23	2.90	11	111	7.0	0.03	0.2	0.5	A	0	
30	75	128	10	41	40.44	32.987	115.513	7.58	2.70	12	114	7.0	0.01	999.9	0.1	A	0	
31	75	128	11	39	44.19	33.922	116.711	15.54	1.60	12	106	19.0	0.66	3.9	4.8	B	0	
31	75	129	12	36	59.53	32.979	115.516	7.05	2.40	9	82	15.0	0.03	0.2	0.7	A	0	
31	75	129	12	37	58.31	32.973	115.528	15.70	2.40	10	79	15.0	0.18	1.2	1.4	B	0	
31	75	130	7	22	51.87	37.506	118.721	4.49	3.30	7	113	66.0	0.13	1.1	3.3	B	0	
31	75	130	8	6	8.20	32.999	115.488	8.30	2.10	11	91	16.0	0.31	1.7	8.5	B	0	
31	75	130	8	7	7.79	36.024	120.070	13.75	3.30	11	107	55.0	0.44	2.9	5.5	B	0	
31	75	130	8	44	31.11	33.000	115.482	0.20	2.30	10	92	16.0	0.05	0.2	2.1	A	0	
31	75	130	11	14	45.35	36.051	120.049	16.30	2.90	8	103	56.0	0.69	5.0	36.5	C	0	
31	75	130	14	3	17.97	33.997	116.753	12.80	3.20	31	51	9.0	0.31	0.9	1.3	A	0	
31	75	130	15	55	11.06	35.434	118.684	6.11	2.60	17	167	32.0	0.73	2.7	7.7	B	0	
32	75	130	17	33	10.83	33.966	116.818	16.19	1.70	9	93	32.0	0.07	0.5	2.3	A	0	
32	75	130	17	50	25.96	33.965	116.321	11.50	1.90	14	90	15.0	0.18	0.9	1.5	A	0	
32	75	130	23	31	7.84	33.789	116.500	0.39	1.70	7	208	32.0	0.10	1.3	145.5	C	0	
32	75	131	0	9	48.38	33.012	115.521	6.59	2.10	7	127	20.0	0.03	0.3	1.3	A	0	
32	75	131	3	5	25.73	32.978	115.504	8.56	2.20	10	83	14.0	0.04	0.2	0.8	A	0	
32	75	131	5	34	41.82	32.994	115.501	0.33	2.20	7	88	16.0	0.03	0.2	2.3	A	0	
32	75	131	6	54	16.78	34.256	116.667	3.68	1.20	5	156	9.0	0.09	1.6	5.7	C	0	
32	75	131	7	59	47.93	32.820	115.459	8.75	2.30	8	135	5.0	0.07	0.6	0.7	A	0	
32	75	131	8	0	29.14	32.825	115.466	7.86	2.60	10	112	5.0	0.16	1.1	1.4	B	0	
32	75	131	10	25	12.86	33.654	116.681	0.25	1.90	11	211	37.0	0.34	2.6	29.6	C	0	
32	75	131	13	12	33.02	33.673	118.034	12.60	2.40	19	92	18.0	0.38	1.5	2.7	B	0	
33	75	131	15	10	22.66	32.815	115.460	8.47	3.10	9	136	6.0	0.06	0.5	0.7	A	0	
33	75	131	15	23	15.58	32.824	115.460	8.84	2.20	9	133	5.0	0.07	0.6	0.6	A	0	
33	75	131	17	28	57.49	32.818	115.464	11.90	2.20	9	135	6.0	0.25	2.0	3.2	B	0	
33	75	131	17	38	12.42	32.818	115.458	8.90	2.50	8	135	5.0	0.15	1.4	1.6	B	0	
33	75	131	17	42	32.71	32.826	115.473	12.10	2.20	8	132	5.0	0.31	2.7	3.9	B	0	
33	75	131	18	24	9.55	32.806	115.459	9.26	2.70	17	117	7.0	0.31	1.4	2.9	B	0	
33	75	131	18	37	45.51	34.412	116.837	0.37	2.00	15	174	32.0	0.25	1.1	14.9	C	0	
33	75	131	22	30	15.88	32.801	115.470	11.70	2.90	9	139	7.0	0.24	2.1	3.4	B	0	
33	75	131	22	30	22.98	32.811	115.464	8.00	2.90	8	187	63.0	0.57	23.8	35.6	C	0	
34	75	131	23	51	26.03	32.801	115.463	11.70	2.20	7	139	7.0	0.21	2.6	3.7	B	0	
34	75	131	23	54	3.77	32.810	115.459	11.20	2.80	15	137	6.0	0.28	1.4	2.7	B	0	
34	75	2	1	2	39	26.14	33.979	115.659	3.98	2.50	25	60	13.0	0.33	1.0	1.5	A	0
34	75	2	1	2	58	5.57	33.990	115.659	5.00	1.40	14	109	13.0	0.13	0.5	2.8	A	0
34	75	2	1	3	2	24.95	33.987	115.662	9.42	2.00	15	110	12.0	0.07	0.3	1.0	A	0
34	75	2	1	3	8	56.40	33.985	115.661	8.60	1.80	14	111	12.0	0.07	0.3	1.0	A	0
34	75	2	1	3	37	9.20	33.984	115.665	7.70	1.00	9	111	12.0	0.07	0.5	1.6	A	0
34	75	2	1	3	44	58.64	33.985	115.664	9.10	1.80	16	111	12.0	0.07	0.3	0.9	A	0
34	75	2	1	4	49	5.68	33.987	115.665	9.60	1.00	9	111	12.0	0.07	0.5	1.4	A	0
34	75	2	1	4	56	37.11	33.701	116.715	0.50	1.50	17	129	32.0	0.46	2.3	0.9	B	0
35	75	2	1	4	57	27.52	33.966	115.662	8.00	3.30	30	59	13.0	0.36	1.0	2.6	A	0
35	75	2	1	5	16	39.89	33.986	115.665	7.10	1.10	9	111	12.0	0.10	0.7	2.4	A	0
35	75	2	1	6	30	46.20	33.988	115.661	5.00	1.50	12	110	13.0	0.16	0.8	4.6	A	0
35	75	2	1	7	15	28.83	33.985	115.662	8.50	1.60	13	111	12.0	0.08	0.4	1.3	A	0
35	75	2	1	7	15	55.78	33.963	115.669	8.00	3.00	23	60	12.0	0.35	1.2	3.1	A	0
35	75	2	1	7	24	22.45	34.004	115.657	6.41	1.20	9	103	13.0	0.11	0.7	2.9	A	0
35	75	2	1	8	5	10.02	33.989	115.656	6.13	1.50	15	109	13.0	0.08	0.3	1.6	A	0
35	75	2	1	8	24	12.51	33.986	115.660	6.44	0.90	8	110	13.0	0.08	0.6	2.4	A	0
35	75	2	1	9	25	58.10	33.982	115.663	8.52	1.30	12	111	12.0	0.10	0.5	1.6	A	0
35	75	2	1	10	5	9.27	33.985	115.665	7.07	1.10	10	111	12.0	0.08	0.5	1.8	A	0
36	75	2	1	10	14	6.10	33.987	115.662	9.66	0.90	10	110	12.0	0.11	0.7	2.0	A	0
36	75	2	1	11	8	7.70	33.984	115.657	4.36	2.20	22	80	13.0	0.33	1.1	2.2	A	0
36	75	2	1	11	26	45.06	33.984	115.664	9.76	1.40	11	111	12.0	0.09	0.5	1.4	A	0
36	75	2	1	11	46	52.01	33.987	115.666	8.12	1.30	10	111	12.0	0.08	0.5	1.6	A	0
36	75	2	1	12	1	25.03	33.990	115.658	7.89	1.20	9	109	13.0	0.04	0.3	0.9	A	0
36	75	2	1	12	7	47.02	33.990	115.660	7.37	1.10	10	110	13.0	0.08	0.5	1.7	A	0
36	75	2	1	12	16	38.34	33.990	115.663	7.06	1.40	10	110	12.0	0.11	0.6	2.5	A	0
36	75	2	1	12	20	29.36	34.024	117.134	3.87	1.70	11	93	2.0	0.17	1.0	2.1	A	0
36	75	2	1	14	9	10.57	33.988	115.661	6.44	1.40	12	110	13.0	0.09	0.5	1.8	A	0

369	75	2	1	17	37	33.21	34.027	116.344	0.89	1.10	5	188	17.0	0.06	1.0	136.2	B	0
370	75	2	1	17	46	33.58	33.986	115.663	10.15	1.90	12	111	12.0	0.07	0.3	1.1	A	0
371	75	2	1	18	13	54.02	33.987	115.663	10.28	1.90	10	110	12.0	0.06	0.3	0.9	A	0
372	75	2	1	23	18	35.10	33.986	115.660	10.08	1.90	11	110	13.0	0.07	0.4	1.2	A	0
373	75	2	2	4	17	8.98	33.976	115.661	9.70	3.10	25	59	13.0	0.21	0.7	1.4	A	0
374	75	2	2	4	18	30.54	33.970	115.662	5.30	2.70	26	61	13.0	0.33	1.0	1.8	A	0
375	75	2	2	4	33	18.14	33.994	115.681	8.55	1.60	9	109	11.0	0.27	1.7	5.1	B	0
376	75	2	2	4	38	38.37	34.624	116.354	0.99	2.30	16	102	22.0	0.22	1.0	31.6	A	0
377	75	2	2	11	5	41.69	33.987	115.656	5.10	1.30	7	111	13.0	0.08	0.7	4.7	A	0
378	75	2	2	12	7	15.94	33.988	115.663	7.55	1.60	8	110	12.0	0.05	0.4	1.4	A	0
379	75	2	2	15	35	48.76	33.986	115.663	7.92	1.40	8	111	12.0	0.03	0.2	0.8	A	0
391	75	2	2	15	54	32.86	33.991	115.669	8.93	1.70	10	110	12.0	0.09	0.6	1.7	A	0
381	75	2	2	17	13	39.86	34.309	116.459	7.54	1.90	13	138	15.0	0.14	0.7	1.5	B	0
382	75	2	2	21	15	53.24	34.311	116.837	5.48	2.70	18	102	39.0	0.30	1.3	27.7	B	0
383	75	2	3	5	28	22.04	33.987	115.665	7.53	1.80	9	146	12.0	0.07	0.5	1.6	B	0
384	75	2	3	6	49	43.48	34.410	116.663	0.33	1.90	11	188	23.0	0.31	2.4	21.9	C	0
385	75	2	3	14	34	33.74	33.988	115.666	8.59	1.90	9	111	12.0	0.06	0.4	1.4	A	0
386	75	2	3	16	2	44.85	33.968	115.662	1.63	0.70	7	114	12.0	0.07	0.8	16.5	A	0
387	75	2	3	20	4	44.49	33.994	115.663	7.42	1.30	10	108	12.0	0.09	0.5	2.1	A	0
388	75	2	3	23	13	46.72	35.048	117.698	2.59	2.40	16	73	42.0	0.57	1.8	5.3	B	0
389	75	2	4	0	1	29.47	33.985	115.665	8.55	1.10	10	111	12.0	0.10	0.6	1.8	A	0
390	75	2	4	0	18	10.46	34.054	117.247	16.14	1.70	7	179	12.0	0.16	2.3	1.5	C	0
391	75	2	4	2	29	34.34	33.925	116.365	5.00	0.0	5	200	15.0	0.07	1.6	7.8	C	0
392	75	2	4	15	27	24.38	34.062	118.733	9.21	3.00	9	202	26.0	0.22	1.5	2.8	B	0
393	75	2	4	16	48	37.13	33.972	115.711	20.93	1.80	12	118	8.0	0.68	4.7	4.0	B	0
394	75	2	4	19	42	56.00	34.343	116.896	3.29	2.50	19	70	28.0	0.21	0.8	1.7	A	0
395	75	2	5	4	6	31.35	32.803	115.413	12.30	2.10	9	120	7.0	0.30	2.2	4.2	B	0
396	75	2	5	15	26	12.25	34.280	116.963	6.61	2.10	14	126	22.0	0.12	0.7	1.7	A	0
397	75	2	5	18	17	30.10	33.989	115.659	0.53	1.90	16	110	13.0	0.18	0.7	15.9	A	0
398	75	2	5	21	53	44.60	34.243	116.646	6.33	1.70	14	142	7.0	0.11	0.6	1.0	B	0
399	75	2	5	23	12	30.26	34.103	116.650	3.94	2.90	30	68	12.0	0.17	0.5	0.8	A	0
400	75	2	6	1	2	10.78	34.102	116.649	1.16	1.60	14	88	12.0	0.12	0.5	2.6	A	0
401	75	2	6	19	38	24.14	34.169	116.191	8.30	0.80	5	138	1.0	0.01	0.1	0.1	B	0
402	75	2	7	2	20	49.72	33.504	116.492	9.06	2.30	19	69	38.0	0.21	0.9	1.3	A	0
403	75	2	7	13	3	37.98	33.916	116.136	2.94	1.20	9	178	5.0	0.09	0.9	3.0	B	0
404	75	2	7	21	3	11.06	33.923	115.492	6.75	2.30	8	110	3.0	0.19	3.4	3.9	B	0
405	75	2	7	21	31	7.05	33.988	115.665	7.73	1.20	10	110	12.0	0.12	0.8	2.6	A	0
406	75	2	8	4	0	25.37	34.103	116.658	0.79	1.30	10	103	12.0	0.17	0.9	198.4	A	0
407	75	2	8	11	46	40.98	36.509	117.381	5.28	2.70	10	177	79.0	0.47	4.2	7.6	B	0
408	75	2	8	17	36	35.54	34.076	118.724	8.00	2.00	16	135	25.0	0.52	2.2	7.1	B	0
409	75	2	8	20	4	20.66	33.985	115.663	9.43	1.50	10	111	12.0	0.07	0.4	1.3	A	0
410	75	2	8	20	25	44.15	33.985	115.658	5.00	2.80	19	85	13.0	0.15	0.6	1.1	A	0
411	75	2	8	20	43	12.58	33.982	115.662	9.25	1.60	11	111	12.0	0.05	0.3	0.9	A	0
412	75	2	8	22	52	16.84	33.985	115.664	9.54	1.50	8	111	12.0	0.08	0.6	1.6	A	0
413	75	2	8	23	19	14.37	33.987	115.662	8.94	1.50	9	110	12.0	0.09	0.6	2.0	A	0
414	75	2	8	23	35	53.25	34.207	116.920	1.18	1.90	12	142	12.0	0.12	0.9	151.1	B	0
415	75	2	9	2	51	18.09	32.918	115.479	10.20	3.10	18	76	6.0	0.35	1.4	2.7	B	0
416	75	2	9	3	15	48.57	33.984	115.661	5.00	2.50	17	111	12.0	0.13	0.5	1.4	A	0
417	75	2	9	3	19	16.05	33.762	115.664	13.28	0.0	8	170	22.0	0.06	0.4	0.5	B	0
418	75	2	9	3	44	43.99	32.898	115.477	8.00	2.50	16	84	6.0	0.31	1.4	2.8	B	0
419	75	2	9	3	45	25.62	32.899	115.482	7.47	3.00	19	85	6.0	0.27	1.0	2.3	A	0
420	75	2	9	19	21	21.85	33.984	115.666	9.14	1.50	8	111	12.0	0.05	0.4	1.3	A	0
421	75	2	10	1	28	40.91	32.921	115.484	12.90	2.40	11	81	8.0	0.22	1.4	2.5	B	0
422	75	2	10	4	7	13.90	34.358	116.899	0.64	2.00	7	181	29.0	0.09	0.9	142.6	B	0
423	75	2	10	12	51	17.59	34.401	116.640	8.00	4.40	35	73	22.0	0.20	0.6	1.2	A	0
424	75	2	10	12	54	28.77	34.130	118.225	10.90	2.00	10	71	5.0	0.39	2.2	4.1	B	0
425	75	2	10	12	56	20.06	34.403	116.638	3.46	1.70	9	224	21.0	0.37	5.0	4.9	C	0
426	75	2	10	12	12	46.42	34.408	116.644	9.10	2.50	13	186	22.0	0.08	0.7	0.9	B	0
427	75	2	10	13	21	55.01	34.404	116.647	8.14	2.00	12	185	22.0	0.07	0.6	0.6	B	0
428	75	2	10	22	23	9.43	34.425	116.734	5.00	1.90	11	193	27.0	0.46	4.2	8.5	C	0
429	75	2	10	22	34	19.01	33.821	116.991	11.01	2.00	14	78	10.0	0.18	0.9	1.5	A	0
430	75	2	11	3	6	53.95	34.377	116.713	5.00	1.70	12	180	22.0	0.20	1.4	4.2	C	0

431	75	211	4	54	10.76	33.181	117.922	8.00	2.10	16	220	45.0	0.60	3.8	7.9	B	0
432	75	211	6	52	13.97	33.982	115.678	7.84	1.10	12	113	11.0	0.19	0.8	3.1	A	0
433	75	211	12	9	4.29	34.020	116.384	9.77	0.70	7	203	19.0	0.05	0.4	1.0	B	0
434	75	211	12	50	36.68	34.000	116.751	10.70	2.40	24	87	20.0	0.15	0.5	1.0	A	0
435	75	211	17	29	22.62	34.628	117.313	0.91	2.40	11	114	36.0	0.24	1.5	1.6	B	0
436	75	211	18	48	44.73	33.988	115.659	8.68	1.60	8	110	13.0	0.07	0.5	1.6	A	0
437	75	211	20	49	2.35	34.597	117.333	0.65	2.20	17	109	33.0	0.21	0.9	23.2	A	0
438	75	212	9	27	5.40	33.887	116.844	12.83	1.50	12	62	14.0	0.24	1.3	2.2	B	0
439	75	212	10	30	48.64	33.483	116.598	9.97	1.60	10	160	18.0	0.11	1.0	1.6	B	0
440	75	212	10	32	28.54	33.506	116.513	13.89	1.80	14	162	19.0	0.11	0.8	1.0	B	0
441	75	212	12	3	17.17	35.945	120.066	16.80	3.90	21	115	58.0	0.60	2.0	3.7	B	0
442	75	212	18	53	43.84	35.232	118.470	3.74	2.10	9	161	48.0	0.65	4.8	10.1	B	0
443	75	212	23	35	17.06	34.622	117.122	0.71	2.40	15	104	41.0	0.14	0.5	8.5	A	0
444	75	213	10	1	39.59	34.198	117.517	5.00	2.10	17	190	17.0	0.48	2.3	2.9	C	0
445	75	213	10	57	36.59	33.989	115.663	7.65	1.40	11	110	12.0	0.13	0.7	2.3	A	0
446	75	214	3	29	41.57	32.753	115.415	16.60	2.90	9	194	12.0	0.23	2.4	3.0	B	0
447	75	214	11	28	4.87	34.106	117.477	9.64	1.80	11	182	15.0	0.32	2.7	3.9	C	0
448	75	214	15	29	23.09	34.721	116.957	5.00	2.20	12	117	59.0	0.08	0.5	16.8	A	0
449	75	214	19	7	2.93	34.333	116.959	0.21	1.80	15	144	27.0	0.23	1.0	159.2	B	0
450	75	214	19	11	45.29	34.251	117.182	0.43	2.20	15	127	14.0	0.15	0.7	20.2	A	0
451	75	216	10	22	58.41	33.414	116.460	8.25	1.90	17	151	30.0	0.21	1.1	1.6	C	0
452	75	217	0	47	39.26	32.998	115.492	5.92	2.90	13	53	6.0	0.24	1.1	3.1	A	0
453	75	217	0	53	1.46	32.999	115.485	5.13	3.10	15	59	6.0	0.30	1.2	1.2	A	0
454	75	218	0	58	56.50	32.943	116.250	2.39	2.20	13	105	27.0	0.17	0.9	1.9	A	0
455	75	218	9	2	49.48	33.257	116.274	1.09	1.90	15	114	55.0	0.33	1.2	380.4	B	0
456	75	218	9	48	25.52	33.905	117.763	2.01	2.80	35	62	10.0	0.34	0.9	2.0	A	0
457	75	218	10	37	35.25	34.370	116.475	9.26	1.10	6	189	17.0	0.08	1.2	2.6	C	0
458	75	218	17	54	10.38	33.775	116.491	2.35	1.70	11	155	21.0	0.05	0.3	0.8	B	0
459	75	218	21	54	46.87	34.007	116.041	1.95	1.80	8	163	11.0	0.11	0.4	4.4	B	0
460	75	218	23	20	42.91	33.979	116.973	16.63	1.90	15	60	7.0	0.18	0.8	0.8	A	0
461	75	219	1	30	35.64	33.235	116.081	4.00	2.20	15	109	65.0	0.16	0.8	1.2	A	0
462	75	219	9	17	41.03	32.880	115.566	10.90	2.20	11	91	12.0	0.15	0.9	2.1	A	0
463	75	219	17	8	17.56	33.417	116.913	9.36	1.90	13	121	8.0	0.33	1.8	1.9	B	0
464	75	219	22	12	33.59	34.628	117.307	0.01	2.30	13	113	36.0	0.18	0.9	1.0	A	0
465	75	220	1	10	49.57	33.934	117.208	12.60	0.90	10	188	6.0	0.14	0.9	0.9	B	0
466	75	220	3	23	2.90	33.953	116.910	5.00	1.40	11	100	9.0	0.62	3.1	15.4	B	0
467	75	220	6	4	42.36	33.014	116.222	1.35	2.30	14	101	41.0	0.30	1.3	3.3	B	0
468	75	220	7	41	38.05	34.107	116.649	4.06	2.10	13	89	13.0	0.09	0.5	0.9	A	0
469	75	220	14	7	32.08	33.935	115.767	5.25	2.70	30	43	6.0	0.33	0.9	1.4	A	0
470	75	220	22	16	30.12	33.920	115.768	8.72	1.40	5	137	7.0	0.03	0.5	0.8	B	0
471	75	221	10	39	19.53	33.508	116.536	12.90	2.20	14	75	18.0	0.28	1.7	3.1	B	0
472	75	221	23	38	27.08	34.024	116.067	0.34	1.90	6	140	9.0	0.10	1.4	20.1	C	0
473	75	222	2	21	23.68	33.682	116.729	16.60	1.90	10	81	8.0	0.12	0.8	0.9	A	0
474	75	222	10	6	34.78	33.496	116.450	8.00	2.80	25	73	41.0	0.70	1.5	6.5	B	0
475	75	222	15	15	46.36	33.004	116.261	8.00	2.60	23	67	30.0	0.25	0.9	2.8	A	0
476	75	222	19	42	7.76	33.489	116.508	14.30	2.90	31	52	22.0	0.36	1.1	1.7	A	0
477	75	223	10	22	0.58	34.087	118.865	16.60	3.10	22	130	33.0	0.37	2.3	6.2	B	0
478	75	223	19	58	28.82	32.993	116.248	6.80	2.30	13	100	40.0	0.61	3.1	4.1	B	0
479	75	224	6	5	6.59	33.532	116.515	15.77	1.50	7	205	17.0	0.09	1.2	1.8	C	0
480	75	224	9	39	39.02	34.983	116.898	3.62	2.40	24	86	36.0	0.33	1.1	12.1	A	0
481	75	224	15	0	0.03	33.366	116.291	9.51	2.00	15	101	45.0	0.14	0.7	1.0	A	0
482	75	224	15	37	59.55	33.021	116.225	1.42	2.40	13	101	42.0	0.30	1.3	2.4	B	0
483	75	224	15	41	49.52	33.983	116.265	5.69	1.10	5	183	8.0	0.01	0.2	0.7	B	0
484	75	225	2	14	54.81	33.896	116.223	0.42	1.30	11	112	5.0	0.25	1.1	18.7	B	0
485	75	225	5	15	46.01	33.098	117.809	8.00	2.10	16	176	44.0	0.30	1.8	3.7	B	0
486	75	225	5	55	43.45	33.923	116.745	5.77	1.50	12	119	23.0	0.14	0.8	2.6	A	0
487	75	225	11	13	21.73	37.139	117.851	3.67	3.80	15	153	35.0	0.37	2.4	3.6	B	0
488	75	225	12	18	8.33	34.088	116.427	14.34	1.40	9	115	19.0	0.10	0.7	1.1	A	0
489	75	225	14	54	39.71	33.948	115.791	15.52	1.20	9	141	3.0	0.24	1.6	2.3	C	0
490	75	225	15	0	49.72	33.930	115.762	8.23	2.50	21	65	6.0	0.22	0.8	1.4	A	0
491	75	225	15	8	25.94	33.857	116.791	3.16	1.70	9	176	34.0	0.10	1.0	2.4	B	0
492	75	225	15	16	46.39	33.922	115.768	6.79	2.80	21	64	7.0	0.20	0.8	1.6	A	0

493	75	225	18	20	55.05	33.935	115.775	7.25	1.60	8	170	5.0	0.10	1.2	1.1	C	0
494	75	226	0	17	27.84	33.006	116.263	8.00	2.60	25	67	31.0	0.27	0.9	2.7	A	0
495	75	226	0	55	58.18	34.346	117.659	4.95	2.30	17	91	9.0	0.29	1.1	1.7	A	0
496	75	226	2	56	17.22	32.918	116.233	0.89	2.30	14	138	32.0	0.26	1.7	1.6	C	0
497	75	226	10	30	43.86	33.985	116.270	4.81	1.20	7	95	8.0	0.08	0.7	3.1	A	0
498	75	227	2	53	36.26	34.157	117.358	5.00	1.50	12	129	15.0	0.18	0.9	3.9	A	0
499	75	227	13	56	19.00	33.761	115.635	0.26	1.30	8	215	28.0	0.27	3.4	361.1	C	0
500	75	227	15	50	35.25	34.013	116.760	14.03	1.70	13	98	9.0	0.11	0.5	0.8	A	0
501	75	227	16	43	6.43	34.407	118.387	7.73	3.00	30	58	2.0	0.55	1.3	2.2	B	0
502	75	227	17	33	45.76	34.175	117.641	0.59	1.90	12	197	26.0	0.10	0.6	15.2	B	0
503	75	227	20	21	39.09	34.332	116.938	1.87	2.20	14	71	35.0	0.45	2.2	6.2	B	0
504	75	228	4	46	19.17	33.913	117.141	12.64	1.10	9	174	2.0	0.08	0.8	0.4	B	0
505	75	228	5	34	5.57	33.696	116.799	14.84	1.50	10	90	14.0	0.11	0.8	1.2	A	0
506	75	228	10	8	48.79	34.004	117.215	14.01	1.70	15	82	10.0	0.14	0.8	0.6	A	0
507	75	228	12	57	21.21	34.040	116.631	13.31	1.40	8	124	5.0	0.10	0.8	1.3	A	0
508	75	228	19	15	14.15	34.624	117.314	0.72	2.20	15	113	36.0	0.20	1.0	1.4	A	0
509	75	228	19	44	2.54	34.352	116.909	2.44	2.10	15	133	34.0	0.17	0.8	3.0	B	0
510	75	3 1	3	41	47.74	34.458	118.402	8.00	2.00	17	70	8.0	0.42	1.4	2.5	B	0
511	75	3 1	4	7	9.05	34.282	116.201	0.38	1.00	8	129	14.0	0.09	0.6	4.4	A	0
512	75	3 1	5	45	5.48	34.032	118.656	8.00	2.30	25	177	20.0	0.36	1.2	2.5	B	0
513	75	3 1	10	24	24.58	34.019	117.253	18.62	1.10	7	140	13.0	0.07	0.8	0.6	B	0
514	75	3 1	11	27	34.06	33.021	116.251	8.00	2.40	27	97	30.0	0.39	1.4	3.4	B	0
515	75	3 1	22	14	6.96	33.972	116.725	10.50	2.60	28	63	26.0	0.20	0.6	1.4	A	0
516	75	3 1	22	42	56.81	35.448	118.395	3.68	2.50	16	145	25.0	0.65	2.9	4.4	B	0
517	75	3 2	9	13	51.08	33.931	115.776	7.84	1.90	9	135	5.0	0.13	0.9	1.4	B	0
518	75	3 2	20	55	3.36	34.051	117.630	0.35	1.90	14	211	24.0	0.17	1.5	2.4	C	0
519	75	3 3	11	10	32.58	33.801	115.973	12.70	1.70	10	72	12.0	0.10	0.7	1.1	A	0
520	75	3 3	15	34	45.10	33.933	118.289	11.60	3.40	27	100	25.0	0.34	1.1	1.8	A	0
521	75	3 3	16	42	18.27	34.316	118.244	0.78	3.10	29	43	17.0	0.33	0.9	1.7	A	0
522	75	3 3	18	29	32.47	32.774	115.445	16.10	2.60	19	127	10.0	0.30	1.4	2.4	B	0
523	75	3 4	0	36	9.13	33.801	116.201	2.82	2.00	15	123	14.0	0.15	0.7	1.6	A	0
524	75	3 4	7	53	47.89	33.795	115.948	0.91	1.30	7	192	24.0	0.15	1.6	231.3	C	0
525	75	3 4	8	43	55.96	33.785	115.956	2.78	1.90	12	129	25.0	0.14	0.7	3.1	A	0
526	75	3 4	8	47	3.89	33.782	115.950	2.77	1.60	12	145	25.0	0.11	0.6	2.4	B	0
527	75	3 4	8	48	3.32	33.796	115.952	1.75	1.30	9	192	24.0	0.23	1.9	4.6	C	0
528	75	3 4	9	11	47.25	33.793	115.949	8.66	1.20	5	196	24.0	0.03	0.5	2.5	B	0
529	75	3 4	10	3	34.52	33.936	117.701	4.67	2.10	23	55	15.0	0.40	1.3	2.9	B	0
530	75	3 4	11	1	27.91	33.805	116.200	1.30	1.50	11	127	14.0	0.14	0.7	2.1	A	0
531	75	3 4	11	22	42.76	33.786	115.956	5.00	1.80	11	128	25.0	0.13	0.7	2.0	A	0
532	75	3 4	12	6	18.23	35.842	116.750	8.00	3.60	9	199	60.0	0.51	6.4	7.8	C	0
533	75	3 4	12	18	25.19	33.798	115.948	0.22	1.90	7	191	24.0	0.20	2.1	300.6	C	0
534	75	3 4	12	35	35.48	33.783	115.953	5.00	1.90	13	128	25.0	0.20	1.0	4.0	A	0
535	75	3 4	12	57	50.22	33.785	115.950	5.72	1.70	10	155	25.0	0.09	0.7	1.6	B	0
536	75	3 4	13	7	34.26	33.785	115.954	5.00	1.60	11	144	25.0	0.12	0.7	2.4	B	0
537	75	3 4	21	0	17.17	33.790	115.947	0.88	1.50	7	197	24.0	0.08	0.8	119.4	B	0
538	75	3 4	22	43	32.09	33.803	115.931	8.77	2.30	15	126	22.0	0.71	3.3	5.4	B	0
539	75	3 5	0	48	5.35	33.794	115.947	5.00	1.70	8	192	24.0	0.13	1.3	14.5	C	0
540	75	3 5	2	3	57.13	33.785	115.955	7.79	1.50	7	149	27.0	0.08	0.8	1.6	B	0
541	75	3 5	2	14	35.93	33.776	115.947	9.24	2.90	29	59	26.0	0.20	0.7	1.6	A	0
542	75	3 5	7	7	16.68	33.786	115.949	7.55	1.10	6	199	25.0	0.05	0.8	3.9	B	0
543	75	3 5	7	35	48.23	33.021	116.247	12.50	3.30	24	64	30.0	0.32	1.3	2.6	B	0
544	75	3 5	11	30	46.76	34.026	117.188	3.04	1.60	9	112	7.0	0.07	0.4	3.1	A	0
545	75	3 5	12	1	50.44	34.021	117.190	1.54	1.50	8	112	12.0	0.14	0.9	191.0	A	0
546	75	3 5	15	5	47.63	33.788	115.945	5.00	1.30	5	197	24.0	0.27	5.0	70.1	C	0
547	75	3 5	16	55	54.71	33.788	115.954	24.88	1.40	7	199	25.0	0.48	8.2	4.8	C	0
548	75	3 5	21	4	41.26	33.790	115.951	0.44	1.40	5	198	25.0	0.04	0.7	89.4	B	0
549	75	3 5	23	36	56.53	33.784	115.956	4.61	2.20	15	144	25.0	0.12	0.5	1.1	B	0
550	75	3 6	8	54	39.59	34.020	116.332	0.73	2.30	24	64	16.0	0.30	0.9	1.7	A	0
551	75	3 6	13	31	13.15	33.792	115.945	5.00	1.50	7	192	24.0	0.06	0.6	7.4	B	0
552	75	3 6	21	22	59.30	34.027	116.335	0.54	1.40	8	149	16.0	0.46	1.6	9.9	C	0
553	75	3 7	3	8	7.67	34.025	116.324	0.87	2.30	23	45	16.0	0.24	0.8	1.3	A	0
554	75	3 7	10	16	31.11	34.031	117.191	10.30	2.60	31	48	2.0	0.27	0.7	1.0	A	0

555	75	3	8	7	13	9.16	33.671	116.728	12.80	3.00	33	38	8.0	0.27	0.7	1.1	A	0
556	75	3	8	11	43	7.91	33.710	116.743	16.48	2.00	16	79	11.0	0.20	0.9	0.9	A	0
557	75	3	9	12	46	28.29	35.384	118.442	5.08	2.10	9	185	31.0	0.55	3.2	3.5	B	0
558	75	3	9	17	58	44.40	34.521	116.491	0.50	1.90	11	150	20.0	0.08	0.7	5.0	B	0
559	75	3	9	23	23	50.55	33.932	115.773	8.61	2.00	12	112	5.0	0.08	0.4	0.8	A	0
560	75	310		1	32	8.28	33.020	116.256	8.00	2.60	16	78	43.0	0.42	1.8	5.2	B	0
561	75	310		5	10	34.35	34.009	117.222	5.00	2.00	18	54	10.0	0.20	0.7	1.7	A	0
562	75	310		10	14	31.35	33.900	116.205	1.10	1.90	12	112	4.0	0.22	1.0	269.5	A	0
563	75	310		14	8	26.47	33.992	117.001	12.89	1.70	9	148	8.0	0.34	3.2	2.5	C	0
564	75	310		15	41	58.67	34.210	116.564	3.91	1.90	8	169	48.0	0.09	1.0	2.0	B	0
565	75	310		17	2	13.10	34.212	116.559	5.00	2.20	10	181	26.0	0.45	4.1	9.6	C	0
566	75	310		19	18	49.88	33.724	116.780	12.95	1.40	8	144	15.0	0.11	1.1	1.0	C	0
567	75	310		21	59	33.48	33.778	115.953	3.34	2.20	12	150	26.0	0.15	0.8	3.3	B	0
568	75	311		2	18	44.00	34.298	116.907	8.00	2.60	26	71	23.0	0.17	0.6	2.1	A	0
569	75	311		9	48	16.42	33.785	115.951	1.72	1.50	9	149	25.0	0.09	0.6	4.3	B	0
570	75	311		11	57	22.84	33.791	115.947	3.23	1.60	7	197	24.0	0.06	0.7	1.7	B	0
571	75	311		17	9	42.76	33.676	116.018	5.00	1.50	9	174	33.0	0.11	0.9	14.8	B	0
572	75	311		20	58	12.72	34.599	117.328	0.65	1.90	18	109	9.0	0.21	0.8	2.2	A	0
573	75	312		0	25	32.02	33.487	116.602	5.00	2.00	14	159	17.0	0.20	1.2	2.1	C	0
574	75	312		2	4	33.89	33.895	116.664	12.63	1.50	14	94	10.0	0.14	0.6	1.2	A	0
575	75	312		2	11	14.37	33.789	115.950	5.34	1.30	9	168	25.0	0.10	0.9	1.9	B	0
576	75	312		6	7	28.70	33.999	116.857	9.77	1.40	15	96	30.0	0.14	0.5	1.7	A	0
577	75	312		12	44	27.33	34.169	116.070	12.77	1.40	7	124	7.0	0.10	1.0	1.6	A	0
578	75	312		15	49	31.82	34.218	116.562	6.00	1.40	13	129	1.0	0.11	0.6	0.7	A	0
579	75	313		9	18	39.30	33.894	116.609	7.84	2.00	17	50	11.0	0.24	0.9	1.6	A	0
580	75	313		18	46	50.24	34.019	116.065	2.27	1.40	6	132	9.0	0.04	0.2	4.6	B	0
581	75	313		22	22	46.08	34.343	116.860	1.19	2.10	17	77	28.0	0.14	0.6	155.4	A	0
582	75	314		7	20	10.46	34.214	116.963	3.83	1.30	16	144	21.0	0.17	0.7	3.2	B	0
583	75	314		15	10	55.77	34.209	116.563	4.69	1.80	14	157	1.0	0.15	0.9	0.8	B	0
584	75	314		15	12	1.71	34.205	116.561	5.00	1.40	8	115	1.0	0.12	1.4	1.7	B	0
585	75	314		23	0	7.97	34.623	117.120	0.53	1.90	16	105	28.0	0.23	0.7	6.1	A	0
586	75	315		0	12	17.93	34.527	116.422	2.78	2.50	24	121	15.0	0.20	0.9	1.3	A	0
587	75	315		2	31	29.93	34.207	116.564	5.00	1.80	20	54	1.0	0.16	0.6	0.8	A	0
588	75	315		3	2	32.95	33.983	118.173	14.30	2.10	10	99	15.0	0.32	2.1	2.3	B	0
589	75	315		4	56	43.32	33.940	116.754	14.82	1.30	10	112	10.0	0.11	0.7	1.4	A	0
590	75	315		11	46	8.38	32.514	115.242	8.67	2.80	13	186	39.0	0.49	3.1	11.5	B	0
591	75	315		21	29	37.97	34.015	118.168	14.10	1.80	10	93	15.0	0.23	1.4	1.4	B	0
592	75	316		0	55	47.73	32.518	115.261	8.00	2.70	9	188	42.0	0.34	2.9	18.7	B	0
593	75	316		3	44	49.13	32.460	115.258	8.00	2.80	11	201	45.0	0.34	2.9	13.3	B	0
594	75	316		15	7	14.89	33.407	116.453	12.72	1.90	14	188	31.0	0.13	0.8	0.8	B	0
595	75	316		23	40	2.73	33.009	116.231	0.73	2.40	17	102	41.0	0.24	1.1	2.9	B	0
596	75	317		0	13	44.86	34.146	117.456	14.50	3.40	35	54	13.0	0.25	0.7	0.8	A	0
597	75	317		12	47	40.96	34.220	116.448	8.96	1.20	6	124	11.0	0.03	0.5	1.8	A	0
598	75	317		15	57	35.82	33.140	115.638	10.00	2.60	21	48	3.0	0.37	1.2	1.8	A	0
599	75	317		16	29	25.80	34.526	118.974	25.90	3.30	23	106	13.0	0.44	1.4	2.2	B	0
600	75	317		20	30	50.31	34.316	116.390	9.27	1.30	8	123	14.0	0.03	0.2	0.7	A	0
601	75	318		8	54	14.90	34.023	117.601	5.00	1.90	17	207	21.0	0.67	1.3	3.9	C	0
602	75	318		12	41	43.91	33.482	116.602	5.00	1.50	14	160	18.0	0.21	1.3	2.6	C	0
603	75	319		5	16	53.64	32.992	116.251	13.00	3.50	30	68	40.0	0.39	1.5	3.2	B	0
604	75	319		6	32	34.37	34.097	117.483	4.44	1.90	24	51	15.0	0.33	1.0	1.7	A	0
605	75	319		11	18	25.26	33.012	116.251	0.19	2.30	16	98	42.0	0.31	1.3	6.0	B	0
606	75	320		6	27	52.25	33.459	116.420	1.11	1.90	14	85	28.0	0.13	0.6	148.7	A	0
607	75	320		10	24	56.64	33.986	116.691	9.57	0.80	7	126	25.0	0.09	0.7	4.5	A	0
608	75	320		14	22	55.18	34.088	116.425	9.32	1.00	9	124	19.0	0.12	0.9	1.0	A	0
609	75	320		16	44	8.62	34.620	117.310	0.28	1.60	16	112	36.0	0.21	0.6	2.9	A	0
610	75	320		16	49	12.78	33.536	118.206	11.70	2.20	8	158	23.0	0.25	2.3	3.5	B	0
611	75	320		22	47	34.60	33.014	116.252	8.00	2.00	34	65	30.0	0.39	1.2	3.4	B	0
612	75	321		3	46	24.22	35.050	118.989	6.28	2.70	16	151	52.0	0.47	1.6	4.5	D	0
613	75	321		6	4	21.49	33.477	116.593	5.00	2.30	19	75	19.0	0.31	1.3	2.6	B	0
614	75	321		12	2	31.56	33.010	116.255	8.00	3.20	31	66	30.0	0.37	1.1	3.1	A	0
615	75	321		12	31	30.81	33.022	116.261	0.14	2.40	15	144	67.0	0.28	1.6	4.9	C	0
616	75	321		16	26	12.78	33.603	118.536	8.00	2.10	10	217	25.0	0.28	3.1	5.1	C	0

617	75	322	11	13	50.99	34.014	117.138	14.80	2.70	15	92	14.0	0.17	0.8	0.9	A	0
618	75	322	18	59	53.99	32.864	115.787	4.35	2.60	9	104	11.0	0.23	1.6	2.2	B	0
619	75	322	19	0	59.92	32.885	115.787	8.00	2.60	14	63	7.0	0.28	1.4	2.6	B	0
620	75	323	4	30	22.44	34.088	117.319	14.50	3.20	33	47	12.0	0.22	0.6	0.7	A	0
621	75	323	10	52	5.49	33.976	116.293	0.03	1.90	15	101	10.0	0.28	0.8	15.7	A	0
622	75	323	20	32	0.84	33.866	116.590	27.34	1.70	13	77	8.0	0.71	4.7	6.4	B	0
623	75	324	0	21	43.09	34.433	118.414	8.00	2.20	20	72	5.0	0.38	1.1	2.0	A	0
624	75	324	1	52	1.06	33.974	115.668	5.00	0.90	10	114	23.0	0.14	0.8	8.5	A	0
625	75	324	4	55	37.63	33.984	115.656	5.00	1.00	10	110	22.0	0.14	0.9	10.7	A	0
626	75	324	6	32	58.98	34.134	117.352	6.64	1.70	17	123	7.0	0.16	0.7	1.1	A	0
627	75	324	7	3	52.89	33.242	116.087	16.80	2.00	23	65	40.0	0.30	1.1	14.0	A	0
628	75	324	10	32	25.32	34.518	119.865	26.80	2.80	18	112	34.0	0.26	1.0	3.1	A	0
629	75	324	12	38	34.54	34.128	117.360	6.75	1.30	13	182	8.0	0.17	1.0	2.2	B	0
630	75	324	13	28	47.89	33.880	115.726	1.95	1.30	10	143	34.0	0.10	0.5	1.4	B	0
631	75	324	14	48	55.88	33.470	115.444	3.47	2.40	16	62	41.0	0.29	1.3	25.6	B	0
632	75	324	15	0	5.03	33.461	115.426	2.01	1.80	11	92	42.0	0.40	2.2	15.2	B	0
633	75	324	22	2	7.45	34.006	117.201	15.00	2.40	30	46	9.0	0.25	0.7	0.7	A	0
634	75	325	0	35	12.90	32.999	116.249	15.70	3.40	32	67	29.0	0.40	1.2	2.2	A	0
635	75	325	8	5	22.23	33.470	115.434	1.08	2.20	17	84	27.0	0.11	0.5	13.8	A	0
636	75	325	16	30	43.89	33.042	115.766	9.86	2.30	11	72	6.0	0.34	2.5	2.2	B	0
637	75	326	19	22	45.33	35.744	119.064	3.85	2.80	15	119	38.0	0.41	1.4	3.8	B	0
638	75	327	1	3	58.30	33.979	115.667	1.91	1.60	13	112	23.0	0.19	0.7	1.8	A	0
639	75	327	11	44	54.50	34.832	117.238	0.54	2.10	12	138	45.0	0.18	0.9	8.8	B	0
640	75	327	15	16	13.37	34.175	116.975	11.32	1.10	9	134	10.0	0.19	1.3	2.0	C	0
641	75	327	21	23	59.77	34.334	117.887	1.57	1.60	18	70	27.0	0.21	0.8	7.4	A	0
642	75	327	22	40	28.28	33.464	115.449	8.00	3.50	34	33	27.0	0.30	0.8	2.8	A	0
643	75	328	0	18	48.29	33.469	115.446	0.16	1.80	14	84	27.0	0.17	0.8	8.1	A	0
644	75	328	2	10	1.00	33.480	115.444	5.00	2.10	14	83	26.0	0.14	0.7	10.6	A	0
645	75	328	2	29	57.62	33.468	115.440	5.00	1.50	16	84	27.0	0.16	0.7	12.3	A	0
646	75	328	5	26	12.07	33.979	115.655	4.55	2.80	35	74	22.0	0.30	0.8	11.0	A	0
647	75	328	7	49	47.47	33.795	116.116	3.61	1.60	10	131	17.0	0.15	1.0	14.1	B	0
648	75	328	8	38	31.48	33.985	115.656	5.00	1.40	14	110	22.0	0.15	0.7	8.9	A	0
649	75	328	8	49	56.04	33.983	115.661	4.21	2.10	17	111	22.0	0.08	0.3	1.0	A	0
650	75	328	11	20	14.16	33.903	116.349	1.99	1.80	14	110	14.0	0.10	0.5	120.7	A	0
651	75	328	12	12	28.53	33.984	115.661	0.79	1.50	8	111	22.0	0.10	0.6	132.8	A	0
652	75	328	14	6	49.79	33.959	115.656	5.17	3.00	31	56	21.0	0.34	1.0	15.7	A	0
653	75	328	14	27	0.51	34.036	117.338	0.53	1.70	13	112	5.0	0.33	1.5	38.7	B	0
654	75	328	15	36	4.47	33.984	115.657	7.79	1.20	7	146	13.0	0.03	0.2	0.5	B	0
655	75	328	15	42	8.78	33.459	116.611	6.41	1.80	14	220	20.0	0.16	2.2	2.3	C	0
656	75	328	16	1	49.53	33.478	116.442	5.00	1.70	10	173	26.0	0.12	0.9	11.1	B	0
657	75	328	18	2	4.24	33.985	115.658	8.62	1.90	11	110	13.0	0.08	0.4	0.9	A	0
658	75	328	21	0	9.66	36.130	117.851	8.00	3.00	11	152	40.0	0.38	3.4	10.6	B	0
659	75	329	0	8	3.29	33.982	115.659	9.61	1.80	14	111	13.0	0.08	0.4	0.5	A	0
660	75	329	1	26	13.83	33.988	115.659	9.79	1.60	7	111	13.0	0.06	0.6	1.0	A	0
661	75	329	4	4	37.30	33.985	115.653	8.33	1.60	10	110	13.0	0.24	1.4	3.0	B	0
662	75	329	11	37	56.83	33.976	115.652	4.82	2.90	25	74	14.0	0.31	1.0	1.8	A	0
663	75	329	11	53	9.35	33.985	115.660	7.98	1.60	10	113	13.0	0.08	0.5	1.1	A	0
664	75	329	13	49	26.44	33.988	115.657	9.42	1.50	5	118	13.0	0.07	1.2	4.5	B	0
665	75	330	3	48	22.89	33.992	115.676	9.50	1.70	10	110	11.0	0.24	1.5	2.2	B	0
666	75	330	4	40	31.19	34.006	117.047	13.74	1.30	14	86	6.0	0.29	1.5	1.7	B	0
667	75	330	5	53	21.94	33.987	115.658	7.57	1.80	13	110	13.0	0.10	0.5	1.1	A	0
668	75	330	6	36	42.13	36.164	118.224	0.64	2.60	13	104	33.0	0.49	1.7	2.2	B	0
669	75	330	7	39	32.29	34.240	116.385	1.47	1.60	18	89	17.0	0.16	0.5	8.4	A	0
670	75	330	12	40	44.02	33.957	116.680	16.00	1.70	17	77	4.0	0.18	0.8	0.8	A	0
671	75	330	13	44	16.32	34.414	116.835	11.00	2.90	33	67	31.0	0.23	0.6	1.4	A	0
672	75	330	13	46	23.88	33.982	115.660	8.96	1.80	14	131	13.0	0.10	0.5	1.0	B	0
673	75	330	14	30	18.19	34.019	116.062	1.64	1.50	10	107	9.0	0.10	0.6	134.4	A	0
674	75	330	20	25	4.32	34.618	116.331	0.14	1.90	11	159	21.0	0.13	1.0	8.6	B	0
675	75	331	0	35	32.23	33.986	115.656	5.00	1.90	17	110	13.0	0.11	0.4	1.1	A	0
676	75	331	0	55	45.57	34.112	115.957	5.00	1.90	25	71	16.0	0.14	0.4	1.3	A	0
677	75	331	1	19	30.98	33.796	115.117	2.45	2.30	22	97	17.0	0.45	1.5	3.1	B	0
678	75	331	3	47	4.49	33.988	115.652	1.07	1.50	16	109	13.0	0.17	0.6	7.6	A	0

625	75	324	6	32	58.98	34.134	117.352	6.64	1.70	17	123	7.0	0.16	0.7	1.1	A	0
627	75	324	7	3	52.89	33.242	116.087	16.80	2.00	23	65	40.0	0.30	1.1	14.0	A	0
629	75	324	10	32	25.32	34.518	118.865	26.80	2.80	18	112	34.0	0.26	1.0	3.1	A	0
629	75	324	12	38	34.54	34.128	117.360	6.75	1.30	13	182	8.0	0.17	1.0	2.2	B	0
630	75	324	13	28	47.89	33.890	115.726	1.95	1.30	10	143	34.0	0.10	0.5	1.4	B	0
631	75	324	14	48	55.88	33.470	116.444	3.47	2.40	16	62	41.0	0.29	1.3	25.6	B	0
632	75	324	15	0	5.03	33.461	116.426	2.01	1.80	11	92	42.0	0.40	2.2	15.2	B	0
633	75	324	22	2	7.45	34.006	117.201	15.00	2.40	30	46	9.0	0.25	0.7	0.7	A	0
634	75	325	0	35	12.90	32.999	116.249	15.70	3.40	32	67	29.0	0.40	1.2	2.2	A	0
635	75	325	8	5	22.23	33.470	116.434	1.08	2.20	17	84	27.0	0.11	0.5	13.8	A	0
636	75	325	16	30	43.89	33.042	115.766	9.86	2.30	11	72	6.0	0.34	2.5	2.2	B	0
637	75	326	19	22	45.33	35.744	118.064	3.85	2.80	15	119	38.0	0.41	1.4	3.8	B	0
638	75	327	1	3	58.30	33.979	115.667	1.91	1.60	13	112	23.0	0.19	0.7	1.8	A	0
639	75	327	11	44	54.50	34.832	116.238	0.54	2.10	12	138	45.0	0.18	0.9	8.8	B	0
640	75	327	15	16	13.37	34.175	115.975	11.32	1.10	9	134	10.0	0.19	1.3	2.0	C	0
641	75	327	21	23	59.77	34.334	116.887	1.57	1.60	18	70	27.0	0.21	0.8	7.4	A	0
642	75	327	22	40	28.28	33.464	116.449	8.00	3.50	34	33	27.0	0.30	0.8	2.8	A	0
643	75	328	0	18	48.29	33.469	116.446	0.16	1.80	14	84	27.0	0.17	0.8	8.1	A	0
644	75	328	2	10	1.00	33.480	116.444	5.00	2.10	14	83	26.0	0.14	0.7	10.6	A	0
645	75	328	2	29	57.62	33.468	116.440	5.00	1.90	16	84	27.0	0.16	0.7	12.3	A	0
646	75	328	5	26	12.07	33.979	115.655	4.55	2.80	35	74	22.0	0.30	0.8	11.0	A	0
647	75	328	7	49	47.47	33.795	116.116	3.61	1.60	10	131	17.0	0.15	1.0	14.1	B	0
648	75	328	8	38	31.48	33.985	115.656	5.00	1.40	14	110	22.0	0.15	0.7	8.9	A	0
649	75	328	8	49	56.04	33.983	115.661	4.21	2.10	17	111	22.0	0.08	0.3	1.0	A	0
650	75	328	11	20	14.16	33.903	116.349	1.99	1.80	14	110	14.0	0.10	0.5	120.7	A	0
651	75	328	12	12	28.53	33.984	115.661	0.79	1.50	8	111	22.0	0.10	0.6	132.8	A	0
652	75	328	14	6	49.79	33.959	115.656	5.17	3.00	31	56	21.0	0.34	1.0	15.7	A	0
653	75	328	14	27	0.51	34.036	117.338	0.53	1.70	13	112	5.0	0.33	1.5	38.7	B	0
654	75	328	15	36	4.47	33.984	115.657	7.79	1.30	7	146	13.0	0.03	0.2	0.5	B	0
655	75	328	15	42	8.78	33.459	116.611	6.41	1.80	14	220	20.0	0.16	2.2	2.3	C	0
656	75	328	16	1	49.53	33.478	116.442	5.00	1.70	10	173	26.0	0.12	0.9	11.1	B	0
657	75	328	18	2	4.24	33.985	115.658	8.62	1.90	11	110	13.0	0.08	0.4	0.9	A	0
658	75	328	21	0	9.66	36.130	117.851	8.00	3.00	11	152	40.0	0.38	3.4	10.6	B	0
659	75	329	0	8	3.29	33.982	115.659	9.61	1.80	14	111	13.0	0.08	0.4	0.5	A	0
660	75	329	1	26	13.83	33.988	115.659	9.79	1.60	7	111	13.0	0.06	0.6	1.0	A	0
661	75	329	4	4	37.30	33.985	115.653	8.33	1.60	10	110	13.0	0.24	1.4	3.0	B	0
662	75	329	11	37	56.83	33.976	115.652	4.82	2.90	25	74	14.0	0.31	1.0	1.8	A	0
663	75	329	11	53	9.35	33.985	115.660	7.98	1.60	10	113	13.0	0.08	0.5	1.1	A	0
664	75	329	13	49	26.44	33.988	115.657	9.42	1.50	5	118	13.0	0.07	1.2	4.5	B	0
665	75	330	3	48	22.89	33.992	115.676	9.50	1.70	10	113	11.0	0.24	1.5	2.2	B	0
666	75	330	4	40	31.19	34.006	117.047	13.74	1.30	14	86	6.0	0.29	1.5	1.7	B	0
667	75	330	5	53	21.94	33.987	115.658	7.57	1.80	13	110	13.0	0.10	0.5	1.1	A	0
668	75	330	6	36	42.13	36.164	118.224	0.64	2.60	13	104	33.0	0.49	1.7	2.2	B	0
669	75	330	7	39	32.29	34.240	116.385	1.47	1.60	18	89	17.0	0.16	0.5	8.4	A	0
670	75	330	12	40	44.02	33.957	116.680	16.00	1.70	17	77	4.0	0.18	0.8	0.8	A	0
671	75	330	13	44	16.32	34.414	116.835	11.00	2.90	33	67	31.0	0.23	0.6	1.4	A	0
672	75	330	13	46	23.88	33.982	115.660	8.96	1.80	14	131	13.0	0.10	0.5	1.0	B	0
673	75	330	14	30	18.10	34.019	116.062	1.64	1.50	10	107	9.0	0.10	0.6	134.4	A	0
674	75	330	20	25	4.32	34.618	116.331	0.14	1.90	11	159	21.0	0.13	1.0	8.6	B	0
675	75	331	0	35	32.23	33.986	115.656	5.00	1.90	17	110	13.0	0.11	0.4	1.1	A	0
676	75	331	0	55	45.57	34.112	116.957	5.00	1.90	25	71	16.0	0.14	0.4	1.3	A	0
677	75	331	1	18	30.98	33.796	116.117	2.45	2.30	22	97	17.0	0.45	1.5	3.1	B	0
678	75	331	3	47	4.49	33.988	115.652	1.07	1.50	16	109	13.0	0.17	0.6	7.6	A	0
679	75	331	4	23	30.06	33.976	116.745	8.76	2.00	18	82	8.0	0.26	1.0	1.4	A	0
680	75	331	4	56	22.16	33.987	115.656	7.70	1.50	15	110	13.0	0.09	0.4	0.9	A	0
681	75	331	5	51	23.96	34.010	116.066	1.30	1.30	12	108	10.0	0.29	1.3	354.4	B	0
682	75	331	9	0	10.11	34.020	116.064	2.03	1.50	11	106	9.0	0.05	0.2	58.5	A	0
683	75	331	9	11	48.56	33.509	116.515	13.13	1.50	10	214	19.0	0.18	2.7	2.7	C	0
684	75	331	22	6	17.68	35.030	117.482	0.12	2.00	19	115	43.0	0.35	1.5	3.3	B	0

	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	75 4 1	4	29	23.94	33.481	116.445	1.30	1.90	11	216	26.0	0.17	1.7	215.5	C	C
2	75 4 1	19	7	8.57	35.038	117.687	0.23	2.10	13	116	40.0	0.31	1.3	4.8	B	C
3	75 4 1	22	9	3.85	33.342	117.724	5.00	1.90	14	203	34.0	0.17	1.5	1.5	C	C
4	75 4 2	8	54	49.51	33.709	116.100	1.65	1.80	15	126	34.0	0.14	0.7	2.0	A	C
5	75 4 2	11	7	11.90	34.052	116.419	3.70	2.30	33	53	23.0	0.26	0.7	1.2	A	C
6	75 4 2	13	30	22.62	34.086	116.831	1.34	1.50	11	93	14.0	0.13	0.6	166.0	A	C
7	75 4 2	18	47	22.19	33.987	115.651	1.12	1.60	10	111	13.0	0.11	0.6	141.4	A	C
8	75 4 2	20	50	11.68	33.678	116.747	13.20	1.40	13	84	9.0	0.17	0.9	1.2	A	C
9	75 4 2	22	33	16.43	33.540	116.526	12.46	1.60	12	154	18.0	0.21	2.0	2.1	C	C
10	75 4 2	22	51	12.31	34.626	117.116	1.04	2.40	26	105	4.0	0.22	0.7	5.7	A	C
11	75 4 3	2	3	34.58	34.233	116.639	8.56	0.80	12	139	6.0	0.23	1.3	1.9	C	C
12	75 4 3	11	4	37.15	33.992	117.199	13.40	0.60	8	150	9.0	0.15	1.5	1.3	C	C
13	75 4 3	13	19	10.56	34.324	116.384	9.26	0.90	7	157	13.0	0.10	0.9	1.4	B	C
14	75 4 3	17	30	17.14	33.492	115.652	0.36	2.30	17	93	13.0	0.19	0.6	5.2	A	C
15	75 4 3	17	31	46.71	33.985	115.653	0.43	1.30	10	112	13.0	0.27	1.5	343.4	B	C
16	75 4 3	18	28	2.80	34.085	116.537	1.66	1.70	13	96	14.0	0.15	0.7	181.9	A	C
17	75 4 3	18	53	24.64	34.036	116.444	2.16	1.50	13	104	23.0	0.37	1.5	7.4	B	C
18	75 4 3	22	11	11.85	34.338	116.936	0.25	2.00	16	90	31.0	0.20	0.9	3.4	A	C
19	75 4 3	22	53	30.43	34.621	117.117	0.21	2.50	20	104	4.0	0.42	0.8	3.7	A	C
20	75 4 4	7	42	34.80	33.953	116.833	12.82	1.40	8	191	16.0	0.05	0.3	1.1	A	C
21	75 4 4	12	43	16.89	34.093	116.523	0.33	1.60	14	69	15.0	0.17	0.7	201.9	A	C
22	75 4 4	18	53	31.28	32.981	116.385	8.00	2.60	23	74	43.0	0.39	1.6	4.0	B	C
23	75 4 4	23	17	47.08	34.252	116.305	5.45	2.70	26	67	15.0	0.22	0.7	12.3	A	C
24	75 4 5	4	45	59.13	35.113	119.121	7.44	2.10	13	174	66.0	0.52	2.0	5.3	B	C
25	75 4 5	7	15	33.96	35.095	119.120	8.00	2.60	20	161	65.0	0.56	1.8	3.8	B	C
26	75 4 5	8	31	12.17	35.771	118.054	6.52	2.60	17	101	40.0	0.38	1.1	3.7	A	C
27	75 4 5	15	33	15.69	34.023	117.220	11.65	2.30	20	76	10.0	0.27	1.0	1.2	A	C
28	75 4 5	17	17	55.09	33.793	116.101	0.72	1.80	10	147	34.0	0.14	0.9	8.6	B	C
29	75 4 5	18	34	4.95	33.329	115.735	0.27	2.60	17	139	44.0	0.35	1.6	35.0	B	C
30	75 4 5	17	21	27.04	33.812	116.068	0.34	1.40	8	208	32.0	0.11	1.2	2.6	C	C
31	75 4 5	17	29	24.96	33.804	116.094	1.24	1.70	10	145	33.0	0.09	0.7	1.7	B	C
32	75 4 5	17	35	18.01	34.016	117.189	11.02	1.90	22	60	7.0	0.28	1.0	1.1	A	C
33	75 4 5	17	43	28.22	33.807	116.108	3.03	1.80	12	145	33.0	0.60	3.5	12.6	C	C
34	75 4 5	19	23	59.58	33.996	116.850	11.43	1.80	18	63	16.0	0.24	0.9	1.4	A	C
35	75 4 6	6	17	36.09	33.947	116.925	6.73	2.10	14	125	6.0	0.16	0.9	0.9	A	C
36	75 4 6	6	53	15.23	34.073	116.525	1.47	1.40	10	98	15.0	0.16	0.9	211.5	A	C
37	75 4 6	16	53	51.59	33.331	115.755	5.22	2.80	18	127	42.0	0.52	1.6	4.4	B	C
38	75 4 6	20	22	26.13	32.925	115.487	14.30	2.20	9	137	8.0	0.22	1.9	1.9	B	C
39	75 4 6	20	43	59.77	33.486	116.456	2.18	1.90	13	170	25.0	0.12	0.7	138.2	B	C
40	75 4 6	21	14	45.66	33.975	116.989	18.07	0.90	7	99	7.0	0.05	0.5	0.8	A	C
41	75 4 6	23	36	28.09	33.476	116.446	1.63	1.90	12	145	26.0	0.13	0.8	153.6	B	C
42	75 4 7	2	6	36.01	33.989	115.652	5.00	1.10	5	146	13.0	0.05	0.8	6.4	B	C
43	75 4 7	3	9	28.64	33.816	116.087	7.70	1.60	10	168	32.0	0.08	0.9	4.7	B	C
44	75 4 7	10	11	5.22	33.350	115.692	3.04	2.50	6	148	47.0	0.54	3.4	8.5	B	C
45	75 4 7	10	15	50.46	33.541	116.357	9.93	1.70	15	120	22.0	0.27	1.2	2.2	B	C
46	75 4 7	13	31	2.89	33.480	116.452	0.55	1.90	16	172	25.0	0.13	0.7	8.7	B	C
47	75 4 7	17	37	6.73	33.801	116.110	1.97	1.40	8	212	34.0	0.17	2.2	4.2	C	C
48	75 4 8	3	4	46.63	34.000	116.683	12.53	2.10	20	51	2.0	0.13	0.5	0.6	A	C
49	75 4 8	8	21	25.92	33.480	116.450	1.77	1.90	17	172	26.0	0.11	0.6	6.3	B	C
50	75 4 8	10	27	48.40	33.470	116.459	3.96	2.30	22	83	26.0	0.19	0.7	28.9	A	C
51	75 4 8	10	37	26.92	35.501	118.421	3.47	2.40	12	156	12.0	0.71	6.9	9.3	C	C
52	75 4 8	11	27	27.36	33.480	116.453	2.11	1.40	13	216	25.0	0.17	1.5	205.5	C	C
53	75 4 8	12	19	11.86	35.560	116.416	8.00	2.00	9	185	13.0	0.58	3.7	8.2	B	C
54	75 4 8	14	2	56.62	33.989	115.655	7.87	1.10	6	119	13.0	0.06	0.7	2.4	A	C
55	75 4 8	16	26	26.71	32.560	115.750	4.02	3.00	14	200	35.0	0.61	4.6	5.4	B	C
56	75 4 8	18	57	1.44	34.353	116.912	4.01	2.00	18	109	32.0	0.12	0.4	2.0	A	C
57	75 4 9	11	37	40.21	33.329	116.857	8.00	1.90	13	137	2.0	0.27	2.5	1.3	C	C
58	75 4 9	18	36	48.11	33.473	116.447	0.18	2.10	18	83	26.0	0.14	0.6	1.9	A	C

	75	4	9	18	45	57.71	35.642	118.442	8.00	2.50	17	81	4.0	0.67	2.7	3.5	B	0
	75	4	9	19	50	35.67	33.910	116.257	5.00	1.50	7	203	27.0	0.09	2.2	24.8	C	0
	75	4	9	21	40	43.03	33.482	116.445	0.33	1.70	10	172	26.0	0.15	1.3	190.2	C	0
	75	4	9	21	48	44.63	33.476	116.452	7.14	3.20	19	83	26.0	0.13	0.6	1.0	A	0
	75	4	9	21	49	52.09	33.470	116.449	2.82	2.30	17	83	26.0	0.11	0.5	126.9	A	0
	75	4	9	21	51	59.17	33.488	116.450	0.17	1.70	12	170	25.0	0.14	1.1	176.9	C	0
	75	4	9	21	59	7.76	33.488	116.453	2.05	1.80	14	170	25.0	0.14	0.8	170.5	B	0
	75	4	9	23	3	29.28	33.467	116.446	9.00	3.20	31	54	27.0	0.35	1.0	3.1	A	0
	75	4	9	23	40	14.17	33.791	116.103	5.00	1.90	9	148	35.0	0.15	1.1	28.2	C	0
	75	4	9	23	45	44.55	33.499	116.448	1.87	1.60	11	168	24.0	0.12	1.0	153.0	B	0
	75	410		15	27	16.61	35.556	118.403	7.19	2.90	18	100	13.0	0.61	1.9	4.1	B	0
	75	410		15	29	26.45	35.516	118.495	5.02	2.10	5	220	16.0	0.20	18.7	25.2	D	0
	75	410		16	47	23.64	33.282	116.001	1.06	2.00	16	178	65.0	0.32	1.6	7.2	C	0
	75	410		21	19	26.84	34.220	118.820	16.00	2.50	16	143	9.0	0.35	1.5	2.6	B	0
	75	411		4	5	15.76	34.631	115.938	10.81	4.50	7	154	7.0	0.08	0.8	1.2	B	0
	75	411		12	23	48.23	33.479	116.449	0.59	1.90	12	172	40.0	0.12	0.5	8.2	B	0
	75	411		15	11	58.21	34.387	118.230	8.00	1.90	12	163	24.0	0.45	2.6	6.1	B	0
	75	411		21	6	6.21	34.083	116.941	15.00	3.30	19	134	39.0	0.48	2.3	3.2	B	0
	75	411		15	48	45.41	33.835	117.142	13.03	1.60	9	106	6.0	0.27	2.5	1.9	B	0
	75	412		5	57	0.95	35.734	118.475	8.00	2.50	6	206	8.0	0.74	22.0	10.3	D	0
	75	412		8	23	24.62	34.056	118.295	10.00	1.80	13	103	15.0	0.17	0.7	1.7	A	0
	75	412		11	7	57.23	33.485	116.454	0.96	1.90	11	171	25.0	0.17	1.1	9.4	C	0
	75	413		1	26	37.39	33.516	116.469	8.42	1.90	16	80	22.0	0.18	0.8	1.6	A	0
	75	413		1	43	15.54	33.521	116.462	5.00	1.80	15	139	22.0	0.19	1.0	10.4	B	0
	75	413		2	16	9.03	33.447	116.013	0.07	1.70	13	118	17.0	0.19	0.7	5.7	A	0
	75	413		5	3	7.56	33.473	116.893	7.91	0.0	6	145	13.0	0.06	0.5	2.4	B	0
	75	413		8	51	22.48	35.554	118.378	8.00	2.70	14	128	15.0	0.64	3.3	6.6	B	0
	75	413		11	47	54.22	33.475	116.895	0.04	1.40	10	116	13.0	0.32	1.6	13.9	B	0
	75	413		13	34	39.60	34.032	117.096	3.92	1.00	13	91	1.0	0.06	0.3	9.5	A	0
	75	413		19	8	48.10	35.358	116.424	0.11	3.00	20	198	35.0	0.32	2.7	4.3	C	0
	75	413		20	10	42.07	34.523	116.063	2.13	1.70	6	169	13.0	0.06	0.5	102.6	B	0
	75	413		20	11	20.04	34.521	116.049	0.06	1.70	6	166	11.0	0.23	2.5	390.7	C	0
	75	413		21	4	37.80	34.174	116.305	0.11	2.00	19	82	10.0	0.16	0.6	177.8	A	0
	75	413		21	30	12.28	34.172	116.307	0.03	1.70	5	166	10.0	0.09	1.4	207.3	C	0
	75	414		3	2	50.27	33.671	116.755	15.00	2.50	34	51	10.0	0.32	0.9	1.0	A	0
	75	414		3	10	52.11	33.712	116.761	8.19	1.50	9	147	12.0	0.24	1.9	2.7	C	0
	75	414		6	49	6.61	33.940	116.025	2.01	1.50	10	119	18.0	0.10	0.6	2.3	A	0
	75	414		10	35	43.73	34.174	116.308	1.73	1.70	14	93	10.0	0.12	0.5	1.6	A	0
	75	414		14	27	22.13	34.035	116.953	0.72	2.10	18	90	31.0	0.19	0.6	8.4	A	0
	75	414		20	32	4.91	34.178	116.303	0.03	2.00	9	105	10.0	0.07	0.4	1.7	A	0
	75	415		1	26	30.13	34.403	116.990	1.18	2.90	30	61	24.0	0.24	0.6	1.1	A	0
1	75	415		6	23	16.91	33.465	116.443	3.26	2.20	20	146	28.0	0.26	1.1	2.7	A	0
1	75	415		14	13	50.27	34.048	117.360	0.71	2.00	16	136	6.0	0.18	0.6	11.1	B	0
1	75	415		14	31	39.40	35.226	117.622	6.03	2.90	19	101	62.0	0.65	1.7	5.4	B	0
1	75	415		19	18	33.75	34.600	116.235	0.13	2.10	13	156	19.0	0.39	2.8	15.1	C	0
1	75	416		19	24	29.13	34.393	116.551	5.17	2.40	29	62	26.0	0.33	0.9	31.3	A	0
1	75	416		23	17	47.45	34.033	117.090	4.12	1.40	17	60	13.0	0.10	0.3	1.2	A	0
1	75	417		9	18	33.80	35.754	118.542	9.59	4.00	16	147	12.0	0.28	2.1	1.9	B	0
1	75	417		11	22	33.69	32.750	115.424	15.00	2.90	19	134	12.0	0.40	1.8	1.7	B	0
1	75	418		0	51	31.76	33.184	115.525	8.00	2.90	16	119	19.0	0.52	2.1	6.7	B	0
1	75	418		2	46	6.21	32.989	115.478	8.00	2.60	10	124	15.0	0.25	2.1	4.3	B	0
1	75	418		6	8	2.03	33.557	116.632	10.05	2.00	17	126	9.0	0.23	1.0	1.3	A	0
1	75	418		9	42	43.78	33.985	116.661	7.67	1.40	9	111	13.0	0.14	0.9	2.1	A	0
1	75	418		13	2	44.29	34.027	116.089	2.12	1.40	7	118	9.0	0.07	0.5	107.1	A	0
1	75	418		13	4	6.42	34.026	116.087	1.97	1.40	8	99	9.0	0.12	0.8	2.1	A	0
1	75	418		14	0	21.17	34.032	116.061	0.23	0.0	7	168	8.0	0.06	0.5	1.1	B	0
1	75	418		17	46	57.55	36.118	117.802	6.34	2.50	6	170	43.0	0.29	6.0	24.1	C	0
1	75	418		18	41	6.81	34.347	116.913	0.09	1.90	18	94	32.0	0.20	0.7	7.1	A	0
1	75	418		19	55	32.26	34.368	117.323	0.47	1.80	13	195	8.0	0.44	1.8	7.1	C	0
1	75	418		22	48	41.20	34.012	117.120	0.46	2.30	22	164	4.0	0.68	2.9	12.1	C	0
1	75	419		17	58	28.56	33.808	116.110	0.15	1.50	8	144	16.0	0.32	0.5	5.1	B	0
1	75	419		18	46	13.01	33.811	116.261	15.00	3.70	16	72	31.0	0.35	1.8	2.1	B	0

121	75	420	4	11	18.27	33.5?7	116.375	2.00	3.00	13	123	14.0	0.38	2.9	4.5	B	C
122	75	420	11	42	58.69	33.723	116.747	13.36	1.40	9	145	12.0	0.20	1.8	1.3	C	0
123	75	420	12	45	13.86	32.765	118.026	10.60	2.70	8	211	53.0	0.30	3.1	7.4	B	0
124	75	420	14	45	59.97	34.026	116.089	2.09	1.70	11	99	9.0	0.15	0.7	187.1	A	0
125	75	420	18	43	12.60	33.427	116.379	0.61	1.70	14	186	34.0	0.44	2.8	23.2	C	0
126	75	420	22	34	11.10	33.774	116.170	0.14	1.90	15	151	18.0	0.17	0.8	3.9	B	C
127	75	421	2	28	31.05	32.762	115.438	11.70	2.70	13	130	11.0	0.29	1.6	3.6	B	0
128	75	421	3	29	24.61	33.761	115.910	0.27	1.80	19	137	26.0	0.17	0.7	5.4	B	C
129	75	421	10	14	1.17	33.979	115.657	11.75	1.80	15	95	13.0	0.31	1.4	1.6	B	0
130	75	421	14	14	35.61	33.950	116.712	15.34	1.60	10	86	6.0	0.13	0.8	1.1	A	0
131	75	421	15	41	43.27	34.433	116.409	8.62	2.20	14	81	9.0	0.59	3.9	4.1	B	0
132	75	421	15	44	18.57	34.504	116.472	0.40	2.10	8	175	17.0	0.14	1.5	9.6	C	0
133	75	421	20	31	23.29	34.021	116.321	1.04	1.80	7	120	26.0	0.09	0.8	141.7	A	C
134	75	422	6	52	7.49	34.521	116.400	0.35	2.30	22	149	19.0	0.23	0.9	4.9	B	0
135	75	422	10	10	57.61	33.781	115.893	0.59	1.60	10	198	23.0	0.10	0.7	5.5	B	0
136	75	422	10	14	21.13	33.777	115.901	0.07	1.30	6	200	38.0	0.06	0.9	103.0	B	0
137	75	422	12	2	35.36	34.470	116.497	0.84	2.60	13	121	18.0	0.37	1.6	2.4	B	0
138	75	422	14	21	6.66	34.051	117.374	0.05	1.60	15	182	6.0	0.40	1.7	10.6	C	0
139	75	422	14	53	3.41	33.797	115.883	1.82	1.70	11	194	21.0	0.15	1.2	2.3	C	C
140	75	422	15	10	34.55	33.487	116.634	5.00	1.90	7	161	66.0	0.38	4.1	4.2	C	0
141	75	422	15	52	9.07	33.775	115.917	2.16	1.90	14	135	24.0	0.13	0.7	1.4	B	0
142	75	422	15	54	45.33	33.770	115.920	2.14	1.90	17	136	25.0	0.14	0.6	1.3	B	0
143	75	422	23	29	16.45	34.020	116.740	11.49	1.90	15	75	8.0	0.12	0.5	1.0	A	0
144	75	423	4	11	58.16	34.221	117.039	1.40	1.30	14	96	15.0	0.31	1.4	363.8	B	C
145	75	423	4	23	14.30	34.092	116.647	0.74	1.90	18	141	20.0	0.38	1.6	8.4	C	0
146	75	423	4	29	50.07	33.775	115.881	17.03	1.70	7	198	23.0	0.21	2.9	1.9	C	0
147	75	423	14	18	42.17	34.047	117.369	0.34	1.90	11	195	17.0	0.30	1.1	5.7	C	C
148	75	423	17	57	28.02	33.782	115.893	1.96	1.60	8	198	23.0	0.06	0.6	89.8	B	0
149	75	423	20	52	45.64	34.342	116.886	1.66	2.00	15	110	28.0	0.14	0.6	161.4	A	0
150	75	423	21	57	1.24	34.654	116.645	0.25	1.90	8	206	40.0	0.28	3.2	21.5	C	0
151	75	424	4	3	38.93	33.981	116.882	12.09	0.90	8	159	13.0	0.03	0.3	0.7	B	0
152	75	424	20	7	52.21	34.166	116.557	3.74	1.70	20	60	5.0	0.27	0.9	2.5	A	0
153	75	425	5	57	19.76	34.090	117.330	5.00	1.40	10	170	12.0	0.24	1.6	3.7	C	C
154	75	425	10	53	56.85	34.838	116.900	0.79	2.20	12	216	30.0	0.74	9.9	24.0	C	0
155	75	425	11	11	11.43	33.723	116.063	1.02	2.10	21	144	37.0	0.40	1.7	14.3	C	0
156	75	425	15	3	36.59	34.921	116.928	5.56	2.30	19	122	37.0	0.14	0.6	0.8	A	0
157	75	426	13	40	39.76	33.513	116.485	1.19	2.10	14	163	21.0	0.18	0.9	6.2	B	0
158	75	426	13	51	2.49	34.923	116.932	5.11	2.30	13	123	37.0	0.16	0.9	1.2	A	0
159	75	426	16	20	51.31	34.923	116.914	8.00	3.30	20	83	43.0	0.40	1.4	3.4	B	0
160	75	426	17	16	22.06	35.605	118.921	13.90	3.20	13	90	41.0	0.28	1.7	2.3	B	C
161	75	426	18	32	32.39	33.450	116.577	10.90	3.30	38	42	22.0	0.33	0.8	1.6	A	C
162	75	426	19	10	16.64	34.920	116.918	1.83	2.70	22	82	37.0	0.33	1.0	14.5	A	0
163	75	428	5	49	16.36	33.021	115.510	10.60	2.20	11	147	18.0	0.48	3.0	4.6	B	0
164	75	428	7	17	52.09	33.026	115.501	5.49	1.70	9	92	11.0	0.05	0.3	0.6	A	0
165	75	428	13	47	36.07	35.567	118.366	0.32	3.30	23	87	14.0	0.43	1.3	2.2	B	0
166	75	428	15	50	49.83	35.951	118.393	4.11	2.90	20	98	14.0	0.58	2.3	2.7	B	0
167	75	428	16	15	38.28	32.580	115.546	15.60	2.80	16	198	18.0	0.47	3.7	2.4	B	0
168	75	428	22	18	12.54	34.226	116.292	6.75	2.10	19	76	11.0	0.13	0.5	0.9	A	0
169	75	429	1	52	55.55	34.044	116.795	10.94	2.10	19	69	13.0	0.16	0.5	1.0	A	0
170	75	429	7	12	54.57	33.940	116.026	0.11	1.30	11	119	18.0	0.24	1.2	8.4	B	0
171	75	429	14	13	54.40	34.049	117.345	1.21	1.40	10	154	6.0	0.13	0.8	162.6	B	C
172	75	429	14	16	33.93	34.049	117.346	3.57	1.80	10	125	6.0	0.06	0.5	2.2	A	0
173	75	429	17	58	5.55	32.950	115.538	3.27	2.60	11	149	14.0	0.49	2.9	2.5	B	0
174	75	429	19	37	35.69	32.967	115.503	8.00	2.60	9	88	9.0	0.31	2.1	3.9	B	C
175	75	430	13	11	22.01	33.781	115.896	3.61	1.70	11	198	23.0	0.06	0.5	0.9	B	0
176	75	430	19	4	2.08	34.248	117.097	1.50	1.10	18	128	14.0	0.22	0.8	2.5	A	C
177	75	430	21	21	8.45	34.041	116.884	2.10	1.90	24	62	29.0	0.16	0.5	2.9	A	0
178	75	430	22	5	10.42	35.046	117.702	0.64	2.90	18	117	41.0	0.26	1.3	2.4	B	0
179	75	430	22	20	16.66	34.331	116.938	0.17	1.80	16	102	26.0	0.19	0.8	196.3	A	0
180	75	5	1	3	46	6.16	34.520	116.496	2.95	3.00	16	148	20.0	0.06	0.3	0.6	B	0
181	75	5	1	5	23	29.39	33.765	115.910	2.17	1.70	15	153	25.0	0.18	0.8	2.1	B	C
182	75	5	1	9	19	33.82	33.961	116.691	17.97	1.30	14	78	4.0	0.10	0.4	0.5	A	0

183	75	5	1	12	13	43.18	33.458	116.570	8.00	2.60	32	6	22.0	0.31	0.9	2.6	A	0
184	75	5	1	14	22	6.57	33.002	115.541	10.10	2.10	7	142	7.0	0.13	1.9	3.0	B	0
185	75	5	1	18	43	30.27	33.739	116.838	11.87	0.80	10	121	20.0	0.16	1.0	1.4	A	0
186	75	5	1	19	59	17.76	33.729	116.833	4.07	1.50	15	83	19.0	0.16	0.7	1.9	A	0
187	75	5	1	20	56	23.36	34.071	116.792	10.87	1.90	19	72	13.0	0.22	0.7	1.6	A	0
188	75	5	2	10	49	33.96	34.928	116.930	8.00	3.30	35	81	38.0	0.25	0.8	1.5	A	0
189	75	5	2	12	5	7.02	33.724	116.839	11.14	1.30	11	91	19.0	0.15	1.0	1.1	A	0
190	75	5	2	16	7	33.52	35.778	115.905	1.77	1.30	8	195	24.0	0.09	0.8	2.3	B	0
191	75	5	2	17	10	52.55	34.523	116.493	3.61	2.20	17	149	20.0	0.09	0.5	1.3	B	0
192	75	5	2	18	3	23.13	35.225	117.629	10.00	4.20	11	100	62.0	0.22	1.1	2.4	A	0
193	75	5	2	21	21	23.46	34.523	116.494	1.00	2.10	22	149	20.0	0.34	1.4	8.6	C	0
194	75	5	3	3	11	39.88	35.375	118.595	6.67	2.30	19	137	34.0	0.62	2.3	4.2	B	0
195	75	5	3	7	37	12.44	33.717	116.803	6.22	1.90	21	87	16.0	0.25	1.0	1.5	A	0
196	75	5	3	10	48	52.36	33.943	117.210	0.41	1.30	11	145	13.0	0.26	1.4	7.9	C	0
197	75	5	3	10	55	0.95	33.952	117.213	0.36	0.60	6	147	19.0	0.17	1.7	4.2	C	0
198	75	5	3	13	47	45.30	33.662	116.747	8.23	1.70	19	93	9.0	0.26	1.0	1.8	A	0
199	75	5	3	16	47	54.00	34.763	116.917	9.45	2.20	14	106	22.0	0.73	3.9	5.1	B	0
200	75	5	3	19	49	43.51	33.962	117.224	8.67	1.90	17	69	9.0	0.26	1.1	1.6	A	0
201	75	5	4	0	14	18.25	36.200	117.527	4.23	2.80	12	150	30.0	0.29	2.4	4.0	B	0
202	75	5	4	6	42	41.95	34.519	116.493	5.00	2.00	16	148	20.0	0.43	2.2	3.9	C	0
203	75	5	5	7	4	29.32	33.995	116.833	11.56	1.70	18	94	16.0	0.21	0.8	1.1	C	0
204	75	5	5	7	48	15.60	33.663	116.733	14.60	1.40	10	91	7.0	0.10	0.8	1.3	C	0
205	75	5	5	8	39	33.25	34.300	117.065	3.53	1.90	12	105	20.0	0.13	0.9	16.5	C	0
206	75	5	5	9	47	41.72	34.305	117.060	1.50	1.50	8	105	21.0	0.12	0.8	175.4	A	0
207	75	5	5	11	35	58.90	33.999	116.057	9.63	1.40	9	121	12.0	0.07	0.5	0.9	A	0
208	75	5	5	18	21	9.59	34.346	116.869	5.00	2.00	16	99	28.0	0.16	0.7	1.6	A	0
209	75	5	5	18	59	31.10	34.070	115.695	5.00	2.10	14	69	13.0	0.08	0.3	1.0	A	0
210	75	5	5	21	25	48.70	33.480	116.570	10.58	2.10	16	163	19.0	0.26	1.5	1.9	C	0
211	75	5	6	9	21	27.57	34.621	116.180	5.00	2.40	22	106	24.0	0.29	1.1	1.5	B	0
212	75	5	6	9	27	56.97	33.478	116.819	4.92	2.60	29	52	14.0	0.31	1.1	2.3	A	0
213	75	5	6	10	45	32.92	34.134	116.976	12.95	1.50	18	85	6.0	0.13	0.5	1.0	A	0
214	75	5	6	12	41	40.64	34.923	116.939	0.58	2.20	14	124	36.0	0.10	0.5	2.4	A	0
215	75	5	6	22	10	27.39	35.041	117.690	0.50	2.60	17	116	41.0	0.23	1.0	3.6	A	0
216	75	5	7	12	41	37.07	33.970	116.820	11.48	1.30	17	100	15.0	0.12	0.5	0.8	A	0
217	75	5	7	18	14	38.48	33.133	116.395	5.00	1.90	13	191	49.0	0.37	3.2	2.6	C	0
218	75	5	7	23	52	30.92	35.323	118.496	5.42	2.60	10	168	38.0	0.34	2.8	5.7	B	0
219	75	5	8	19	29	21.02	32.958	115.539	8.00	2.30	8	130	11.0	0.43	3.6	9.1	C	0
220	75	5	8	21	12	6.32	33.404	116.483	5.00	2.00	18	83	30.0	0.56	2.7	3.6	B	0
221	75	5	8	22	6	48.66	35.034	117.589	0.30	2.50	17	115	40.0	0.23	0.9	3.2	A	0
222	75	5	9	16	48	55.12	33.721	116.752	13.64	1.30	11	140	12.0	0.13	0.9	1.0	B	0
223	75	5	9	18	14	5.14	34.238	116.291	8.74	1.50	10	99	12.0	0.07	0.4	0.6	A	0
224	75	5	10	1	12	1.14	35.655	118.280	0.82	2.20	11	99	18.0	0.46	2.7	6.4	B	0
225	75	5	10	10	5	47.35	33.883	116.204	1.58	1.90	15	144	5.0	0.15	0.6	171.7	B	C
226	75	5	10	10	17	12.38	33.996	116.059	9.70	1.20	10	118	12.0	0.09	0.6	1.5	A	C
227	75	5	10	13	2	21.66	33.742	117.134	9.33	1.30	7	190	6.0	0.02	0.2	0.3	B	0
228	75	5	10	15	6	6.49	34.601	117.322	0.54	2.00	15	166	10.0	0.21	1.0	4.2	B	0
229	75	5	10	19	13	8.97	34.035	116.086	15.28	1.00	5	113	8.0	0.02	0.3	0.7	A	0
230	75	5	10	22	4	55.05	35.040	117.592	0.42	2.50	19	116	40.0	0.23	0.9	3.1	A	0
231	75	5	11	2	36	7.75	33.934	116.775	7.24	1.40	11	129	12.0	0.10	0.5	2.1	A	0
232	75	5	11	11	41	47.00	33.856	116.554	8.78	1.40	10	97	6.0	0.10	0.6	1.3	A	0
233	75	5	11	12	55	24.18	33.984	115.566	8.93	1.30	17	103	12.0	0.12	0.5	1.0	A	C
234	75	5	11	14	57	5.92	33.993	116.062	8.40	0.70	6	148	12.0	0.02	0.2	0.4	B	C
235	75	5	11	18	41	37.61	33.987	115.663	7.90	1.40	16	94	12.0	0.09	0.3	0.8	A	0
236	75	5	12	1	30	50.81	33.990	116.062	9.17	2.50	19	72	13.0	0.17	0.6	1.3	A	0
237	75	5	12	1	47	38.84	34.150	116.535	0.76	1.60	14	77	7.0	0.47	2.3	15.1	B	0
238	75	5	12	6	45	28.24	34.299	116.419	11.92	0.90	7	160	17.0	0.12	1.2	1.3	C	0
239	75	5	12	10	33	38.11	34.049	116.337	0.99	1.10	5	176	17.0	0.14	2.1	304.1	C	0
240	75	5	12	22	9	24.19	35.041	117.593	0.39	2.50	17	110	41.0	0.30	1.4	4.4	B	0
241	75	5	12	23	5	20.14	33.365	116.378	5.58	2.50	26	91	40.0	0.25	0.8	5.0	A	0
242	75	5	13	0	21	35.58	34.993	119.103	19.10	4.50	11	161	57.0	0.17	1.1	11.8	A	0
243	75	5	13	0	27	12.08	32.981	116.287	7.30	2.60	10	194	41.0	0.16	1.0	6.7	A	0
244	75	5	15	5	20	5.81	34.033	116.245	0.78	1.20	7	147	11.0	0.18	1.4	267.7	C	0

245	7	513	7	9	18.00	34.033	116.237	1.12	1.40	11	62	11.0	0.11	0.6	144.1	A	0	
246	7	513	10	51	26.34	34.032	116.235	2.15	1.30	7	142	11.0	0.11	0.8	162.4	B	0	
247	7	513	15	22	38.14	34.473	117.381	5.28	2.50	19	60	16.0	0.25	0.9	3.8	A	0	
248	7	513	22	6	16.01	35.033	117.669	0.21	2.50	19	115	40.0	0.22	0.8	3.2	C	0	
249	7	514	0	15	23.90	33.993	117.201	13.01	1.50	15	106	9.0	0.22	1.1	0.8	B	0	
250	7	514	0	17	59.77	32.964	115.531	15.20	3.00	13	104	18.0	0.38	2.0	3.6	B	0	
251	7	514	8	23	11.31	33.985	116.451	8.35	1.90	18	91	18.0	0.11	0.4	1.1	A	0	
252	7	515	5	47	26.31	33.015	116.256	0.88	1.50	15	99	43.0	0.42	1.8	6.1	B	0	
253	7	515	14	8	13.60	33.902	116.230	4.89	2.70	21	98	5.0	0.39	1.4	1.3	B	0	
254	7	515	15	7	45.27	33.897	116.237	0.45	2.00	18	103	5.0	0.30	0.9	7.8	A	0	
255	7	515	16	8	58.40	33.895	116.231	2.05	1.50	14	124	5.0	0.19	0.9	225.1	A	0	
256	7	515	17	51	35.60	33.892	116.237	2.00	1.50	13	124	6.0	0.12	0.6	141.1	A	0	
257	7	515	22	25	27.24	33.725	116.444	11.69	1.40	13	92	20.0	0.18	1.0	1.5	A	0	
258	7	516	2	31	26.57	33.574	116.303	8.00	0.60	8	131	15.0	0.13	1.1	4.9	C	0	
259	7	516	6	22	50.48	33.743	116.753	7.19	0.60	5	142	15.0	0.02	2.5	18.3	C	0	
260	7	516	9	58	1.56	34.104	116.775	5.00	1.50	13	106	14.0	0.15	0.6	1.7	A	0	
261	7	516	19	43	10.46	33.906	116.221	1.09	1.70	10	205	4.0	0.15	1.2	190.9	C	0	
262	7	516	22	17	25.96	33.929	116.349	8.72	1.40	17	136	14.0	0.20	0.8	1.6	B	0	
263	7	517	3	18	43.25	34.057	116.415	11.57	1.20	9	132	22.0	0.07	0.5	1.6	B	0	
264	7	517	8	3	9.26	33.989	115.459	7.84	1.50	13	110	13.0	0.07	0.3	0.7	A	0	
265	7	517	9	9	27.51	33.963	117.232	12.14	1.90	19	67	10.0	0.19	0.9	0.7	A	0	
266	7	517	12	18	47.29	33.984	115.459	8.33	1.50	8	110	13.0	0.04	0.3	0.4	A	0	
267	7	518	4	42	51.69	32.625	117.240	8.00	2.50	14	199	31.0	0.36	2.3	5.5	B	0	
268	7	518	5	2	18.87	34.151	117.452	1.81	1.30	15	164	18.0	0.17	1.0	2.4	B	0	
269	7	518	9	44	10.61	33.988	115.560	8.47	1.30	7	116	13.0	0.04	0.3	1.1	A	0	
270	7	518	12	17	4.55	34.442	115.369	4.88	1.10	6	114	6.0	0.08	0.8	2.3	A	0	
271	7	518	22	25	22.50	33.582	116.822	3.05	1.50	12	121	17.0	0.12	0.6	10.8	A	0	
272	7	519	3	22	54.79	34.029	116.745	12.95	1.20	10	148	9.0	0.09	0.6	1.1	B	0	
273	7	519	19	9	36.27	33.529	116.771	0.22	1.50	12	142	16.0	0.17	0.8	6.8	B	0	
274	7	520	7	33	22.58	35.589	118.615	2.36	2.30	13	192	9.0	0.38	2.7	2.0	B	0	
275	7	521	11	51	20.16	34.026	117.213	12.53	1.50	16	55	12.0	0.12	0.5	0.7	A	0	
276	7	521	12	13	26.76	33.383	116.371	1.52	1.30	20	89	39.0	0.47	1.7	46.8	B	0	
277	7	521	12	35	7.30	33.384	116.375	0.29	2.30	23	89	38.0	0.49	1.7	5.0	B	0	
278	7	521	18	1	14.74	34.291	116.455	0.34	1.90	9	147	11.0	0.32	1.7	12.1	C	0	
279	7	521	21	54	44.77	32.870	115.499	14.90	3.20	18	119	6.0	0.27	1.2	0.9	B	0	
280	7	521	23	2	25.72	34.630	117.115	0.72	2.90	23	105	4.0	0.20	0.7	10.6	A	0	
281	7	522	0	34	21.08	33.845	115.682	1.20	1.50	5	147	18.0	0.04	0.7	92.2	B	0	
282	7	522	3	26	12.75	35.359	116.541	8.00	2.30	8	179	34.0	0.67	6.2	35.2	C	0	
283	7	522	9	39	0.55	35.962	120.324	17.10	2.90	9	154	24.0	0.31	2.8	3.6	B	0	
284	7	522	10	47	31.92	33.503	116.483	8.15	1.70	15	164	21.0	0.10	0.6	0.7	B	0	
285	7	522	11	2	46.00	33.583	116.730	9.61	1.30	14	128	9.0	0.31	1.6	2.0	B	0	
286	7	522	11	9	54.40	33.229	116.446	8.94	0.50	6	99	9.0	0.13	1.7	4.6	B	0	
287	7	522	11	11	32.27	33.359	116.380	12.60	2.90	18	65	41.0	0.24	1.1	1.7	A	0	
288	7	522	13	0	24.47	36.155	120.346	14.80	3.10	11	165	16.0	0.31	2.2	1.4	B	0	
289	7	522	13	17	18.74	33.354	116.355	0.92	2.30	17	202	42.0	0.29	2.0	15.5	C	0	
290	7	522	14	56	40.75	34.009	117.169	11.93	1.20	18	88	6.0	0.33	1.3	1.6	B	0	
291	7	522	22	5	40.19	35.059	117.705	0.19	2.60	16	117	41.0	0.30	1.2	4.9	B	0	
292	7	523	1	48	43.97	34.204	116.160	4.91	2.00	18	63	6.0	0.10	0.4	0.8	A	0	
293	7	523	17	1	13.46	34.204	116.159	5.40	2.20	24	64	6.0	0.11	0.3	0.8	A	0	
294	7	523	21	31	51.81	34.623	117.309	0.52	2.10	15	113	12.0	0.23	0.9	4.4	A	0	
295	7	523	23	13	16.35	33.146	116.105	2.80	2.70	15	206	74.0	0.14	1.2	1.3	C	0	
296	7	524	0	50	16.11	34.014	117.243	13.13	1.10	13	108	12.0	0.24	1.3	1.3	B	0	
297	7	524	13	53	46.61	33.484	116.479	3.60	1.80	18	142	23.0	0.20	0.9	3.4	B	0	
298	7	525	0	45	32.97	33.766	115.897	1.78	1.90	11	198	25.0	0.12	1.0	2.6	B	0	
299	7	525	7	2	4.46	34.317	116.696	2.16	2.10	18	104	25.0	0.11	0.4	121.1	A	0	
300	7	525	12	49	38.67	34.037	117.261	12.67	1.30	13	114	13.0	0.21	1.1	1.5	B	0	
301	7	525	18	13	42.47	33.942	116.581	9.23	1.70	11	95	5.0	0.07	0.4	0.8	A	0	
302	7	525	18	29	48.81	34.088	117.234	7.91	1.10	14	77	7.0	0.66	3.0	4.3	B	0	
303	7	526	1	51	34.27	33.475	116.432	9.17	1.80	13	146	27.0	0.18	1.3	1.8	C	0	
304	7	527	23	13	13.08	33.994	116.063	8.76	0.70	6	147	12.0	0.04	0.4	1.0	B	0	
305	7	528	12	58	49.62	34.065	119.019	3.00	2.60	13	140	46.0	0.51	2.7	10.1	B	0	
306	7	528	23	59	18.69	33.780	115.961	5.00	1.40	11	149	26.0	0.13	0.8	2.6	B	0	

307	7	529	1	21	47.10	33.991	116.536	11.98	1.60	5	115	11.0	0.04	0.8	1.7	A	0
308	75	529	5	41	42.92	33.791	115.956	2.34	1.40	11	198	25.0	0.08	0.6	10.9	B	0
309	75	529	10	36	30.23	34.083	117.229	1.46	1.90	11	105	7.0	0.14	0.7	170.0	A	0
310	7	529	15	27	18.36	33.733	118.037	0.43	2.30	14	115	63.0	0.25	1.3	6.4	B	0
311	75	529	22	17	45.19	34.625	117.112	3.56	2.50	14	104	4.0	0.30	1.2	8.7	B	0
312	75	530	7	37	47.41	34.023	117.215	13.89	1.50	17	102	13.0	0.31	1.4	1.2	B	0
313	75	530	10	9	24.82	34.55	116.345	4.04	2.00	20	77	21.0	0.27	1.1	2.2	B	0
314	75	530	15	45	1.53	34.003	117.645	0.51	1.80	10	221	33.0	0.16	1.6	6.7	C	0
315	7	531	5	33	47.26	34.039	116.441	8.00	2.60	21	77	23.0	0.24	0.8	2.5	A	0
316	75	531	13	53	8.14	33.451	116.683	5.00	1.50	12	225	21.0	0.19	3.4	4.2	C	0
317	7	6	1	21	22.25	34.523	116.486	5.20	3.30	41	86	35.0	0.25	0.7	6.7	A	0
318	75	6	1	35	54.85	34.517	116.490	5.46	3.40	36	87	35.0	0.18	0.5	5.9	A	0
319	75	6	1	38	49.23	34.516	116.495	4.46	5.20	29	87	34.0	0.16	0.5	1.5	A	0
320	75	6	1	48	31.28	34.525	116.491	1.66	3.30	33	88	35.0	0.19	0.5	1.5	A	0
321	75	6	1	51	14.74	34.507	116.488	3.26	26.10	15	146	33.0	0.49	2.3	6.4	C	0
322	75	6	1	52	25.91	34.513	116.490	2.38	2.10	20	148	34.0	0.28	1.2	3.8	C	0
323	75	6	1	2	0	29.35	34.513	116.495	1.40	2.00	15	148	34.0	0.15	0.7	175.3	B	0
324	75	6	1	2	1	14.47	34.509	116.485	0.84	3.10	30	86	55.0	0.26	0.8	10.1	A	0
325	75	6	1	2	5	50.63	34.503	116.483	3.86	2.60	19	146	33.0	0.14	0.7	1.3	B	0
326	75	6	1	2	6	55.85	34.506	116.488	4.04	2.40	18	86	33.0	0.25	1.1	3.7	B	C
327	75	6	1	2	51	52.49	34.500	116.479	3.57	3.00	31	86	33.0	0.21	0.6	9.6	A	0
328	75	6	1	2	55	0.97	34.500	116.474	3.63	2.80	32	86	18.0	0.25	0.8	1.8	A	C
329	75	6	1	3	28	4.20	34.503	116.481	2.19	2.50	26	86	18.0	0.17	0.6	1.6	A	0
330	75	6	1	3	39	51.29	34.533	116.493	1.96	2.10	17	151	21.0	0.12	0.6	137.9	B	0
331	75	6	1	3	55	26.60	34.531	116.500	4.40	2.30	19	150	21.0	0.14	0.6	10.0	B	0
332	75	6	1	3	56	22.45	34.527	116.500	1.58	2.10	16	150	20.0	0.13	0.6	145.6	B	C
333	75	6	1	3	58	22.06	34.501	116.477	3.07	3.00	33	86	18.0	0.24	0.7	1.9	A	0
334	75	6	1	4	12	49.82	34.529	116.501	2.22	2.30	16	150	21.0	0.09	0.4	1.2	B	0
335	75	6	1	4	26	48.46	34.498	116.482	8.00	3.00	37	85	18.0	0.30	0.8	1.8	A	0
336	75	6	1	4	45	29.55	34.512	116.503	0.69	2.10	16	147	20.0	0.09	0.5	102.0	B	0
337	75	6	1	4	57	45.18	34.497	116.479	3.65	3.20	32	85	18.0	0.18	0.6	1.4	A	0
338	75	6	1	5	0	59.90	34.522	116.490	6.08	3.20	38	87	20.0	0.24	0.7	2.1	A	0
339	75	6	1	5	8	33.25	34.518	116.493	2.02	2.10	16	148	34.0	0.13	0.6	147.1	B	0
340	75	6	1	5	12	14.12	32.841	115.760	15.51	2.10	16	86	3.0	0.49	2.7	1.6	B	0
341	75	6	1	5	13	23.80	32.850	115.748	8.00	3.20	14	77	2.0	0.29	1.3	1.9	B	0
342	75	6	1	5	21	41.78	34.509	116.486	0.32	2.10	16	146	18.0	0.11	0.5	123.8	B	C
343	75	6	1	6	38	43.17	34.531	116.499	1.70	2.20	12	150	21.0	0.11	0.6	133.2	B	C
344	75	6	1	6	51	30.93	34.504	116.487	2.22	2.10	14	145	18.0	0.09	0.4	105.7	B	C
345	75	6	1	7	13	8.46	34.525	116.498	1.45	2.00	18	149	20.0	0.11	0.5	122.1	B	0
346	75	6	1	7	26	48.82	34.503	116.491	1.27	1.90	12	146	19.0	0.10	0.6	114.2	B	C
347	75	6	1	7	43	36.01	34.487	116.481	5.83	2.70	30	85	17.0	0.27	0.8	3.7	A	0
348	75	6	1	9	45	38.66	32.967	115.509	12.00	2.60	22	96	10.0	0.19	0.7	1.2	A	0
349	75	6	1	9	46	38.47	32.971	115.499	12.50	2.30	25	96	9.0	0.30	1.0	1.5	A	0
350	75	6	1	9	55	39.04	32.966	115.499	12.20	2.50	24	69	10.0	0.22	0.7	1.4	A	C
351	75	6	1	10	29	28.57	32.955	115.511	3.49	2.00	11	93	3.0	0.14	0.8	1.2	A	0
352	75	6	1	10	31	12.10	32.960	115.515	12.31	1.60	10	95	4.0	0.14	0.9	0.8	A	0
353	75	6	1	10	55	10.05	32.963	115.501	12.90	2.50	24	70	9.0	0.22	0.7	1.3	A	0
354	75	6	1	10	59	43.85	34.527	116.501	1.42	1.90	11	150	21.0	0.09	0.6	116.9	B	0
355	75	6	1	11	40	8.28	34.499	116.483	3.44	2.30	23	85	18.0	0.27	1.1	2.1	A	0
356	75	6	1	11	55	1.09	34.529	116.498	2.96	2.00	13	150	21.0	0.20	1.1	25.3	C	0
357	75	6	1	12	2	36.61	34.517	116.500	2.17	1.90	12	148	20.0	0.07	0.5	88.6	B	0
358	75	6	1	12	15	40.78	34.506	116.489	2.42	1.90	14	146	18.0	0.12	0.6	29.5	B	0
359	75	6	1	12	51	43.10	34.515	116.497	1.08	2.70	25	87	20.0	0.16	0.5	1.1	A	0
360	75	6	1	13	7	45.38	34.489	116.478	3.75	2.40	22	85	17.0	0.27	1.0	1.9	A	0
361	75	6	1	13	35	21.32	34.504	116.439	1.62	2.20	17	146	19.0	0.10	0.5	3.6	B	0
362	75	6	1	14	21	15.58	34.522	116.500	3.30	2.10	19	87	21.0	0.18	0.7	999.9	A	0
363	75	6	1	15	4	46.13	33.480	116.472	8.40	2.10	25	83	24.0	0.25	0.7	2.3	A	C
364	75	6	1	16	29	9.62	34.536	116.500	0.26	1.90	21	88	22.0	0.27	1.0	1.9	A	0
365	75	6	1	17	14	27.91	34.525	116.507	0.95	1.60	15	150	21.0	0.07	0.3	77.5	B	0
366	75	6	1	17	21	27.52	34.521	116.501	2.33	2.10	23	87	21.0	0.25	1.0	2.3	A	0
367	75	6	1	21	21	37.01	34.525	116.503	2.19	2.20	17	87	21.0	0.38	1.8	3.5	B	0
368	75	6	2	2	38	54.98	34.513	116.493	4.87	2.90	19	87	19.0	0.37	1.6	43.9	B	0

	370	7	6	2	11	50	0.04	34.517	116.497	2.49	1.90	13	148	20.0	0.09	0.6	20.9	B	0
	371	7	6	2	12	22	22.96	34.505	116.482	1.96	1.90	11	146	18.0	0.10	0.6	123.3	B	C
	372	7	6	2	15	1	55.23	34.522	116.456	2.59	2.40	20	87	20.0	0.18	0.7	1.6	A	0
	373	7	6	2	16	35	40.92	34.515	116.493	0.63	1.90	15	148	19.0	0.09	0.4	8.9	B	0
	374	7	6	2	17	23	6.68	34.542	116.495	3.52	2.70	19	152	21.0	0.38	1.8	3.1	B	0
	375	7	6	2	17	29	24.69	33.921	117.036	5.00	1.90	15	81	12.0	0.47	1.9	5.8	B	0
	376	7	6	2	18	13	12.70	34.514	116.495	3.68	2.40	19	87	20.0	0.22	0.8	1.8	A	0
	377	7	6	2	21	26	56.47	34.459	116.506	3.00	2.70	12	149	57.0	0.50	2.5	6.5	B	0
	378	7	6	2	21	54	43.60	34.519	116.493	3.44	2.30	22	147	20.0	0.18	0.8	1.6	A	0
	379	7	6	2	23	42	17.66	33.018	116.066	5.64	2.20	14	76	17.0	0.21	1.0	1.7	A	0
	380	7	6	3	1	44	13.46	33.752	116.089	1.66	2.20	18	65	22.0	0.14	0.5	2.4	A	0
	381	7	6	3	5	20	46.59	32.882	115.496	9.75	0.80	9	90	4.0	0.15	1.1	1.5	B	0
	382	7	6	3	5	21	19.76	32.879	115.497	7.74	0.70	7	116	5.0	0.02	0.2	0.3	A	0
	383	7	6	3	5	53	4.16	34.503	116.486	1.03	2.40	26	86	19.0	0.30	1.0	2.2	A	0
	384	7	6	3	7	40	4.26	34.279	116.457	8.67	1.40	9	136	12.0	0.21	2.3	5.4	C	0
	385	7	6	3	8	17	21.29	34.063	116.409	5.00	1.70	17	85	22.0	0.13	0.5	5.0	A	0
	386	7	6	3	9	2	12.97	34.059	116.417	5.00	0.50	9	84	22.0	0.10	0.6	7.7	A	0
	387	7	6	3	15	13	40.27	32.830	115.483	10.85	1.30	6	145	5.0	0.22	3.1	3.3	C	0
	388	7	6	3	16	26	24.18	32.817	115.465	13.95	2.50	15	111	5.0	0.30	1.7	1.3	B	0
	389	7	6	3	16	55	30.10	32.813	115.472	14.68	2.00	13	129	6.0	0.30	1.8	1.6	B	0
	390	7	6	3	21	53	47.79	34.495	116.465	0.15	3.30	32	85	16.0	0.49	1.4	2.8	B	0
	391	7	6	3	23	9	38.40	32.910	115.331	15.63	1.50	7	93	10.0	0.40	4.8	6.1	B	0
	392	7	6	4	2	4	21.83	34.531	116.501	2.03	1.70	10	150	21.0	0.10	0.7	129.0	B	0
	393	7	6	4	2	42	39.79	34.529	116.501	2.23	1.40	8	178	21.0	0.12	1.0	165.9	B	0
	394	7	6	4	3	12	50.54	34.521	116.501	1.41	2.10	12	149	20.0	0.10	0.6	118.1	B	0
	395	7	6	4	6	22	6.78	32.803	115.217	11.71	1.70	14	120	10.0	0.28	1.5	1.6	B	0
	396	7	6	4	7	1	18.99	34.505	116.485	1.69	2.00	14	146	18.0	0.11	0.6	6.1	B	0
	397	7	6	4	12	16	43.96	32.843	115.776	15.74	1.70	14	68	4.0	0.44	2.8	1.7	B	0
	398	7	6	5	2	16	18.30	33.488	116.393	0.31	1.90	22	60	29.0	0.23	0.7	5.7	A	0
	399	7	6	5	4	24	15.40	33.542	116.433	9.12	2.10	18	71	11.0	0.32	1.3	1.5	B	0
	400	7	6	5	11	57	6.79	33.995	116.273	1.99	1.70	14	85	9.0	0.12	0.5	146.1	A	0
	401	7	6	5	12	47	13.72	34.038	116.502	1.84	2.70	15	151	21.0	0.07	0.4	2.8	B	0
	402	7	6	5	14	46	45.32	35.049	119.000	8.96	4.10	19	151	53.0	0.34	1.6	3.0	B	0
	403	7	6	6	1	0	25.45	34.516	116.435	5.30	3.50	32	87	19.0	0.19	0.6	7.9	A	0
	404	7	6	6	1	37	43.12	34.529	116.494	0.45	1.80	10	149	20.0	0.09	0.6	5.9	B	0
	405	7	6	6	2	47	11.01	34.031	117.148	8.59	1.70	16	88	3.0	0.31	1.3	1.8	B	0
	406	7	6	6	4	2	21.29	34.529	116.485	1.73	2.10	17	149	19.0	0.10	0.5	4.2	B	0
	407	7	6	6	6	51	49.17	32.989	115.530	11.35	1.70	12	74	7.0	0.20	1.1	1.2	B	0
	408	7	6	6	9	40	18.58	34.000	116.784	0.66	1.70	5	159	32.0	0.13	2.0	292.8	C	0
	409	7	6	6	12	5	47.22	34.513	116.486	0.26	3.00	27	87	34.0	0.16	0.5	1.5	A	0
	410	7	6	6	12	19	57.38	34.524	116.490	0.45	2.10	16	149	35.0	0.15	0.6	4.4	B	0
	411	7	6	6	12	40	11.91	34.522	116.493	0.63	2.30	16	156	35.0	0.15	0.7	5.5	B	0
	412	7	6	6	12	55	7.00	34.518	116.493	0.99	1.80	14	148	34.0	0.11	0.5	5.8	B	0
	413	7	6	6	13	6	19.54	34.521	116.496	2.43	1.80	13	87	35.0	0.12	0.6	2.3	A	0
	414	7	6	6	13	7	13.53	34.282	119.389	3.00	2.00	5	160	61.0	0.35	0.5	2.1	C	0
	415	7	6	6	15	41	53.35	34.521	116.495	1.12	2.10	13	149	35.0	0.11	0.6	31.3	B	C
	416	7	6	6	15	56	7.39	34.501	116.490	5.00	2.00	11	145	32.0	0.10	0.6	11.4	B	0
	417	7	6	6	15	49	13.77	34.021	116.748	13.57	1.80	17	62	9.0	0.14	0.6	0.6	A	0
	418	7	6	6	21	31	17.50	34.507	116.485	3.00	2.70	29	86	19.0	0.38	1.2	3.0	B	C
	419	7	6	7	1	5	12.03	33.721	116.776	12.78	1.70	10	146	14.0	0.17	1.2	1.8	C	0
	420	7	6	7	6	46	56.41	33.998	116.712	14.22	1.90	7	150	26.0	0.10	1.1	4.4	C	0
	421	7	6	7	7	46	47.06	34.540	116.513	5.91	2.10	11	168	22.0	0.31	3.4	6.5	C	0
	422	7	6	7	8	44	39.56	34.021	117.507	2.04	1.70	8	212	32.0	0.16	2.0	23.8	C	0
	423	7	6	7	15	2	35.78	34.491	116.504	1.34	1.80	10	143	19.0	0.32	2.0	408.9	C	0
	424	7	6	7	18	1	36.53	32.978	115.540	13.00	0.0	11	101	6.0	0.13	0.8	0.8	A	0
	425	7	6	7	19	17	13.60	32.954	115.548	12.13	0.1	5	98	5.0	0.06	1.4	1.8	B	0
	426	7	6	7	20	18	43.33	32.983	115.539	9.96	2.50	20	50	7.0	0.27	0.9	1.3	A	0
	427	7	6	8	6	41	35.77	35.057	119.011	3.43	2.30	14	153	54.0	0.46	1.6	4.8	B	0
	428	7	6	8	10	15	4.08	35.792	120.299	8.77	3.20	12	148	51.0	0.45	1.9	4.8	B	0
	429	7	6	8	13	7	6.35	34.512	116.502	1.54	2.00	15	147	20.0	0.10	0.5	4.1	B	0
	430	7	6	8	13	45	29.12	34.520	116.498	0.23	2.20	18	87	20.0	0.30	1.2	9.2	B	0

432	75	6	8	14	12	59.05	33.979	115.703	20.29	1.40	8	155	8.0	0.71	5.5	6.3	C	C
433	75	6	8	15	48	33.27	33.988	115.653	5.00	1.30	9	110	13.0	0.11	0.7	3.8	A	C
434	75	6	8	16	46	12.75	34.533	116.501	2.33	2.10	17	83	21.0	0.11	0.5	1.6	A	0
435	75	6	8	17	8	26.96	33.796	115.995	2.13	1.30	10	159	24.0	0.10	0.7	122.9	B	C
436	75	6	8	20	39	26.09	33.795	115.995	1.96	1.40	12	159	24.0	0.15	0.9	3.1	B	0
437	75	6	8	22	23	24.23	34.533	116.483	1.40	2.00	16	151	20.0	0.13	0.6	15.8	B	C
438	75	6	8	23	57	57.54	34.505	116.484	1.24	2.80	15	86	18.0	0.19	0.9	4.7	A	0
439	75	6	9	1	37	41.21	34.537	116.482	0.22	2.00	18	151	20.0	0.18	0.8	4.8	B	0
440	75	6	9	8	47	3.91	34.047	117.272	0.72	1.70	17	86	11.0	0.26	0.8	2.3	A	C
441	75	6	9	17	14	4.69	35.052	118.571	8.00	2.70	21	150	51.0	0.70	2.0	4.7	B	0
442	75	6	9	21	50	44.85	34.526	116.501	0.11	2.40	19	149	20.0	0.17	0.6	5.6	B	0
443	75	610		5	34	53.49	33.673	116.740	7.39	1.30	10	85	8.0	0.15	0.8	1.3	A	0
444	75	610		11	43	15.03	34.015	118.577	10.60	2.30	22	121	23.0	0.53	1.9	3.9	B	C
445	75	610		12	22	33.37	33.912	117.777	2.38	2.40	31	67	11.0	0.38	1.0	2.3	A	0
446	75	610		22	18	11.75	34.627	117.115	0.97	2.30	23	105	4.0	0.27	0.8	4.7	A	0
447	75	611		0	43	23.64	34.532	116.497	1.41	2.10	18	151	21.0	0.10	0.4	3.6	B	0
448	75	611		3	59	28.15	34.504	116.475	5.03	2.00	17	145	17.0	0.75	4.1	6.5	C	0
449	75	611		11	59	53.38	33.738	116.775	12.60	1.30	10	136	15.0	0.11	0.8	1.0	B	0
450	75	611		18	41	42.17	36.019	120.683	0.64	3.40	5	162	14.0	0.01	0.6	0.8	B	0
451	75	612		0	23	2.01	34.535	116.505	1.33	2.00	14	151	21.0	0.11	0.6	128.3	B	0
452	75	612		1	15	29.57	33.793	116.107	2.68	1.40	12	147	17.0	0.23	1.1	22.9	C	C
453	75	612		4	4	25.93	33.792	116.112	1.24	1.40	16	148	17.0	0.23	1.0	265.6	B	0
454	75	612		4	7	45.51	33.894	116.441	10.43	1.20	13	191	33.0	0.27	2.3	2.3	C	0
455	75	612		7	42	59.74	33.799	116.112	0.98	1.90	11	146	16.0	0.17	0.9	211.6	B	0
456	75	612		7	50	24.90	33.797	116.103	0.11	1.70	10	147	17.0	0.16	0.9	206.6	B	0
457	75	612		7	59	51.17	33.799	116.105	2.00	2.10	16	118	17.0	0.17	0.6	2.6	A	0
458	75	612		8	2	19.68	33.799	116.104	3.00	1.30	18	130	17.0	0.21	0.8	3.1	A	0
459	75	612		15	36	25.12	33.991	116.783	13.78	1.40	13	145	11.0	0.18	1.0	1.3	B	0
460	75	613		0	9	44.87	34.503	116.482	2.03	2.50	30	86	33.0	0.31	1.0	2.5	A	0
461	75	613		2	23	28.02	32.527	115.240	2.73	1.30	8	193	38.0	0.33	3.2	5.3	C	0
462	75	613		7	16	21.09	34.037	116.958	10.91	1.90	17	48	6.0	0.17	0.6	1.2	A	0
463	75	613		15	50	32.73	32.912	116.234	5.08	2.30	21	80	25.0	0.31	1.1	14.8	A	0
464	75	613		17	3	45.48	32.915	116.228	8.00	2.00	12	118	25.0	0.30	1.7	6.0	B	0
465	75	613		17	43	1.72	33.666	116.750	13.51	1.70	9	90	9.0	0.15	1.1	2.2	B	0
466	75	614		5	45	23.79	33.800	116.103	5.66	1.90	16	130	17.0	0.14	0.6	1.5	A	0
467	75	614		6	10	18.01	33.982	115.660	1.50	2.00	14	95	13.0	0.13	0.6	5.9	A	0
468	75	614		7	25	20.99	33.802	116.105	0.41	2.10	21	78	34.0	0.24	0.9	1.9	A	0
469	75	614		7	31	19.65	33.799	116.103	3.44	2.20	21	78	34.0	0.18	0.7	13.2	A	0
470	75	614		7	53	57.67	33.800	116.103	5.32	2.30	23	78	34.0	0.24	0.9	14.4	A	0
471	75	614		8	15	12.64	33.981	115.655	7.93	1.90	8	112	13.0	0.03	0.2	0.8	A	0
472	75	614		15	43	12.22	33.984	115.652	1.71	1.90	8	113	13.0	0.08	0.5	116.6	A	0
473	75	614		16	27	35.49	34.515	116.521	0.26	1.70	10	148	22.0	0.23	1.5	295.3	C	0
474	75	614		16	54	29.54	36.128	117.835	5.05	2.20	9	167	41.0	0.18	1.0	3.4	B	0
475	75	614		20	57	12.04	32.429	115.157	17.40	3.10	19	202	34.0	0.48	3.4	9.3	B	0
476	75	614		21	32	41.03	33.437	115.814	0.54	2.50	29	72	34.0	0.29	0.8	2.6	A	0
477	75	614		22	21	43.66	34.013	118.434	0.24	1.40	14	90	25.0	0.25	1.0	292.5	A	0
478	75	614		22	55	51.59	34.524	116.492	5.53	3.20	36	88	20.0	0.18	0.5	1.7	A	0
479	75	614		22	57	39.30	34.536	116.502	5.00	2.00	9	151	21.0	0.08	0.6	5.9	B	0
480	75	614		23	56	33.82	34.514	116.495	4.15	2.70	22	87	20.0	0.28	1.0	2.1	A	0
481	75	615		1	25	15.65	35.233	113.493	4.07	2.70	11	122	47.0	0.53	3.0	10.8	B	0
482	75	615		8	9	6.57	33.986	115.649	1.45	1.80	6	111	14.0	0.05	0.5	91.5	A	0
483	75	615		10	17	9.09	33.977	115.656	7.38	1.70	10	116	13.0	0.10	0.6	2.2	A	0
484	75	615		12	21	58.20	33.988	115.648	1.01	1.40	9	111	14.0	0.08	0.5	112.0	A	0
485	75	615		19	51	4.75	32.776	115.441	14.96	2.30	14	126	9.0	0.23	1.3	1.2	B	0
486	75	615		22	26	58.73	34.537	116.497	3.71	2.40	16	151	21.0	0.12	0.6	1.3	B	0
487	75	616		4	19	5.11	33.986	115.655	7.33	1.90	6	112	13.0	0.06	0.7	3.2	A	0
488	75	616		4	20	48.80	33.986	115.651	5.00	1.70	6	112	13.0	0.06	0.7	5.6	A	0
489	75	616		4	24	20.07	33.989	115.653	5.00	2.00	8	111	13.0	0.08	0.5	3.5	A	0
490	75	616		8	9	21.22	33.458	116.483	0.20	2.80	13	220	25.0	0.35	2.2	10.3	C	0
491	75	616		14	1	13.11	34.422	118.417	5.43	2.80	17	156	36.0	0.46	1.4	3.3	B	0
492	75	616		15	5	21.67	34.423	118.401	4.83	2.00	11	88	4.0	0.17	0.8	1.2	A	0

493	75	615	16	[illegible]	[illegible]	[illegible]	117.191	[illegible]	[illegible]	14	152	24.0	0.29	1.2	1.6	C	0
494	75	616	21	17	19.84	32.787	115.452	15.80	2.50	19	123	8.0	0.27	1.2	1.1	B	0
495	75	616	21	20	26.55	32.767	115.445	16.70	2.30	18	151	11.0	0.30	1.6	1.9	B	0
496	75	616	21	22	28.34	32.777	115.433	14.90	3.00	16	160	9.0	0.33	1.9	1.4	B	0
497	75	616	21	40	45.37	32.780	115.442	13.56	2.30	10	142	9.0	0.24	1.7	1.5	C	0
498	75	617	2	5	19.31	32.764	115.434	13.80	2.30	9	151	10.0	0.19	1.5	1.5	C	0
499	75	617	11	49	56.08	32.777	115.449	17.20	3.40	25	126	10.0	0.34	1.2	1.7	A	0
500	75	617	12	0	17.18	32.770	115.429	10.30	3.20	16	128	10.0	0.24	1.1	2.5	A	0
501	75	617	12	4	12.13	32.791	115.458	13.59	2.40	14	119	8.0	0.16	0.9	0.9	A	0
502	75	617	12	10	28.58	32.742	115.452	13.60	2.40	19	121	8.0	0.30	1.2	1.6	B	0
503	75	617	12	16	4.88	32.766	115.442	13.60	2.30	11	128	10.0	0.29	1.7	2.2	B	0
504	75	617	12	19	8.86	32.785	115.450	13.82	2.50	11	123	8.0	0.27	1.7	2.0	B	0
505	75	617	13	13	0.14	32.766	115.433	13.84	3.00	13	128	10.0	0.33	1.8	1.9	B	0
506	75	617	16	1	2.93	32.779	115.429	14.44	1.90	11	148	9.0	0.14	1.0	0.8	B	0
507	75	617	16	3	37.26	32.791	115.438	13.83	2.30	11	144	7.0	0.19	1.2	1.0	C	0
508	75	617	18	33	39.78	33.581	116.729	14.05	1.70	11	143	9.0	0.18	1.2	1.2	C	0
509	75	617	18	45	38.08	32.765	115.433	16.00	2.00	16	147	10.0	0.29	1.4	1.4	B	0
510	75	617	18	59	52.35	32.765	115.433	15.30	2.90	13	129	11.0	0.28	1.3	1.2	B	0
511	75	617	22	6	45.71	34.529	116.485	0.43	2.30	17	150	36.0	0.12	0.6	22.0	B	0
512	75	617	23	47	35.92	34.073	117.234	12.29	1.80	19	73	12.0	0.32	1.3	1.9	B	0
513	75	618	0	44	46.99	32.738	115.414	15.67	1.90	12	150	13.0	0.16	1.0	0.9	B	0
514	75	618	0	50	6.85	32.754	115.419	17.52	1.70	9	155	11.0	0.45	3.6	3.8	C	0
515	75	618	8	16	27.79	34.450	116.381	3.43	2.00	18	67	25.0	0.20	0.8	2.1	A	0
516	75	618	8	19	13.09	33.515	116.535	7.85	1.80	12	145	17.0	0.14	1.1	2.0	C	0
517	75	618	10	46	4.66	34.524	116.497	1.45	1.00	18	149	19.0	0.14	0.6	5.9	B	0
518	75	618	19	20	22.48	35.031	117.584	0.24	2.00	16	115	40.0	0.22	0.8	2.9	A	0
519	75	618	23	11	45.43	34.027	116.104	9.33	1.30	8	118	10.0	0.09	0.7	1.1	A	0
520	75	619	7	39	47.26	34.019	116.322	2.14	1.20	8	134	15.0	0.11	0.9	160.7	B	0
521	75	619	9	3	31.75	33.963	116.945	15.39	1.40	14	65	16.0	0.20	0.9	1.7	A	0
522	75	619	10	42	6.38	32.759	115.438	13.43	0.[illegible]	9	153	11.0	0.19	1.6	1.8	C	0
523	75	619	11	4	16.94	32.766	115.433	13.33	2.40	10	151	10.0	0.18	1.6	1.2	C	0
524	75	619	15	23	52.24	34.440	118.469	15.40	2.10	14	65	9.0	0.23	1.2	1.2	B	0
525	75	619	13	8	57.80	32.771	115.430	12.40	2.70	12	130	10.0	0.21	1.5	1.3	C	0
526	75	619	18	20	0.93	34.631	117.292	1.33	2.40	18	134	44.0	0.13	0.6	4.9	A	0
527	75	619	13	33	57.79	32.769	115.435	12.47	2.20	11	151	10.0	0.19	1.4	1.3	C	0
528	75	619	18	44	37.19	32.781	115.433	12.49	3.10	14	142	8.0	0.22	1.3	1.2	C	0
529	75	619	19	1	54.84	32.767	115.413	8.00	3.20	11	130	11.0	0.15	1.0	3.0	A	0
530	75	619	19	6	45.93	32.769	115.438	12.69	0.[illegible]	8	150	10.0	0.17	1.5	1.6	C	0
531	75	619	19	14	15.11	32.777	115.433	13.79	2.40	16	143	9.0	0.24	1.3	1.1	C	0
532	75	619	19	20	33.07	32.763	115.435	13.71	2.10	8	152	11.0	0.18	1.7	1.3	C	0
533	75	619	20	11	51.36	32.782	115.447	12.73	0.[illegible]	10	167	8.0	0.16	1.3	0.9	C	0
534	75	619	20	18	41.25	32.762	115.423	12.30	1.70	8	153	11.0	0.10	0.9	0.9	B	0
535	75	619	20	19	13.33	32.762	115.438	11.70	3.30	14	130	11.0	0.33	1.8	3.0	B	0
536	75	619	20	20	23.41	32.780	115.440	15.20	3.10	15	125	9.0	0.27	1.3	1.2	B	0
537	75	619	20	53	47.29	32.776	115.445	14.90	2.30	17	126	10.0	0.26	1.1	1.0	A	0
538	75	619	21	1	29.44	32.760	115.427	13.86	0.[illegible]	15	154	11.0	0.23	1.3	1.0	C	0
539	75	619	21	3	43.07	32.773	115.458	12.07	1.30	11	150	10.0	0.20	1.3	1.4	C	0
540	75	619	21	4	9.98	32.774	115.433	13.90	2.40	20	143	9.0	0.54	2.3	2.6	B	0
541	75	619	21	51	14.30	32.764	115.438	13.81	2.50	15	152	10.0	0.22	1.3	1.0	C	0
542	75	619	22	6	24.97	32.776	115.438	12.92	2.40	12	144	9.0	0.28	1.7	1.4	C	0
543	75	619	22	18	31.20	32.759	115.436	14.22	2.10	10	153	11.0	0.19	1.5	1.5	C	0
544	75	619	22	22	16.44	32.780	115.454	14.50	2.40	18	141	9.0	0.33	1.5	1.5	B	0
545	75	619	22	30	32.39	32.762	115.430	5.00	2.40	10	130	11.0	0.13	0.9	2.9	A	0
546	75	619	22	49	59.42	32.755	115.427	14.41	3.00	14	155	11.0	0.22	1.3	0.9	C	0
547	75	619	22	51	22.43	32.754	115.415	13.47	2.00	12	136	12.0	0.16	1.0	0.9	B	0
548	75	620	0	19	48.66	32.760	115.434	11.40	3.00	6	153	11.0	0.07	1.1	2.4	A	0
549	75	620	2	22	13.38	32.762	115.445	13.34	2.70	8	132	10.0	0.10	1.4	0.6	C	0
550	75	620	4	6	23.14	32.774	115.445	13.40	3.40	23	127	10.0	0.38	1.4	1.3	B	0
551	75	620	4	13	13.15	32.754	115.433	5.00	3.40	11	131	12.0	0.18	1.1	3.6	A	0
552	75	620	4	27	32.06	32.789	115.434	14.11	2.00	14	125	9.0	0.30	1.6	1.3	B	0
553	75	620	4	50	36.26	32.793	115.462	12.02	1.00	6	142	8.0	0.23	3.2	2.2	C	0
554	75	620	4	51	45.71	32.783	115.446	11.82	1.70	5	145	9.0	0.14	2.8	2.7	C	0

617	[illegible]																
618	75	622	10	8	22.23	32.897	115.522	12.02	1.80	6	140	8.0	0.15	1.6	2.9	C	0
619	75	622	10	32	9.36	32.893	115.529	9.73	1.90	8	102	9.0	0.08	0.6	1.6	A	0
620	75	622	11	28	25.90	34.014	116.901	5.00	1.50	10	64	15.0	0.28	1.5	16.1	B	0
621	75	622	13	8	56.56	32.787	115.438	7.53	2.40	15	123	8.0	0.22	1.1	2.7	A	0
622	75	622	13	28	21.94	32.787	115.441	11.10	1.70	9	145	8.0	0.14	1.1	1.0	C	0
623	75	622	19	31	8.31	32.864	116.256	12.60	2.20	13	161	26.0	0.43	3.1	2.9	C	0
624	75	622	20	12	54.39	33.643	116.759	9.66	2.50	25	93	10.0	0.30	0.9	1.7	A	0
625	75	622	23	13	15.31	32.754	115.447	13.72	2.30	12	151	10.0	0.21	1.4	1.4	C	0
626	75	623	2	53	30.94	32.731	115.424	14.22	2.20	14	161	13.0	0.24	1.4	1.7	C	0
627	75	623	4	27	29.22	32.892	115.520	14.59	1.10	10	102	4.0	0.23	1.6	1.6	B	0
628	75	623	5	41	35.05	35.044	119.047	11.60	3.50	18	153	56.0	0.44	1.5	2.7	B	0
629	75	623	6	0	50.91	32.894	115.513	13.71	1.50	13	65	3.0	0.25	1.2	1.3	B	0
630	75	623	6	7	26.73	32.903	115.521	10.94	1.40	9	117	3.0	0.20	1.4	1.5	B	0
631	75	623	6	12	33.85	33.895	116.700	10.49	1.30	11	103	11.0	0.21	1.2	1.6	B	0
632	75	623	6	39	1.92	32.894	115.522	13.50	2.50	17	101	9.0	0.26	1.2	1.4	B	0
633	75	623	7	2	40.74	32.900	115.531	9.11	0.80	6	124	4.0	0.07	0.9	1.3	A	0
634	75	623	7	11	26.69	32.895	115.521	13.50	1.30	13	100	3.0	0.23	1.2	1.1	B	0
635	75	623	10	8	23.90	32.902	115.525	0.55	1.90	11	121	3.0	0.42	2.2	7.1	B	0
636	75	623	10	16	45.50	32.892	115.534	7.81	1.50	8	104	5.0	0.09	0.8	1.3	A	0
637	75	623	10	26	37.15	32.904	115.524	14.29	1.10	12	93	10.0	0.36	2.4	2.1	B	0
638	75	623	10	40	16.45	32.916	115.517	11.75	0.90	12	91	2.0	0.23	1.5	1.4	B	0
639	75	623	11	54	19.34	32.893	115.522	13.74	1.70	11	101	8.0	0.18	1.2	1.3	B	0
640	75	623	12	30	26.74	32.894	115.531	8.35	1.70	12	102	4.0	0.14	0.7	1.4	A	0
641	75	623	12	42	59.44	32.885	115.514	15.30	0.90	7	107	7.0	0.15	1.5	2.4	B	0
642	75	623	12	45	30.45	32.894	115.511	16.09	0.30	6	99	7.0	0.09	1.2	2.3	B	0
643	75	623	13	9	49.03	32.907	115.523	11.39	2.00	13	88	3.0	0.21	1.1	1.5	B	0
644	75	623	15	29	12.00	32.915	115.527	14.15	1.70	7	90	10.0	0.11	1.3	1.3	B	0
645	75	623	22	6	50.87	32.907	115.595	11.32	1.40	10	153	8.0	0.14	1.1	1.9	C	0
646	75	624	3	0	19.37	32.927	115.529	7.96	1.40	14	88	2.0	0.56	2.5	3.7	B	0
647	75	624	3	1	53.82	32.914	115.525	11.43	2.00	12	85	2.0	0.34	1.8	1.9	B	0
648	75	624	13	12	0.99	34.522	116.494	0.41	2.50	24	87	20.0	0.19	0.7	1.4	A	0
649	75	624	22	31	29.88	34.344	116.961	2.53	2.30	17	100	28.0	0.20	0.8	2.8	A	0
650	75	625	2	17	55.55	33.403	116.305	2.01	2.00	8	193	6.0	0.21	2.0	296.6	C	0
651	75	625	2	38	56.21	33.581	115.643	3.80	1.50	5	157	14.0	0.01	0.2	2.7	B	0
652	75	625	3	52	47.43	34.012	116.303	8.72	1.30	6	121	30.0	0.14	1.4	13.2	B	0
653	75	625	15	13	43.78	34.433	116.411	11.40	1.70	11	134	9.0	0.08	0.5	0.5	A	0
654	75	625	17	33	0.55	33.715	116.317	15.65	1.10	11	90	17.0	0.16	0.9	1.5	A	0
655	75	625	22	15	45.71	34.303	116.862	2.66	2.00	18	94	24.0	0.13	0.5	1.9	A	0
656	75	626	3	8	31.95	32.931	115.803	7.84	1.30	5	144	3.0	0.02	0.3	0.2	B	0
657	75	626	5	23	27.79	34.424	118.402	6.16	2.50	15	64	4.0	0.31	1.3	2.4	B	0
658	75	626	9	13	18.78	33.956	115.650	2.37	1.50	11	109	13.0	0.08	0.4	17.3	A	0
659	75	626	9	29	10.39	33.142	115.635	15.31	2.10	8	145	16.0	0.08	0.7	0.8	A	0
660	75	626	10	9	52.07	33.404	116.390	0.27	2.30	19	162	6.0	0.22	1.0	4.5	B	0
661	75	626	11	56	35.27	34.442	116.440	0.43	1.50	5	159	12.0	0.14	2.2	315.3	C	0
662	75	626	13	8	15.04	33.822	117.200	12.54	1.30	15	60	9.0	0.21	1.0	1.2	A	0
663	75	626	14	19	35.43	34.444	116.433	0.59	2.50	23	135	11.0	0.15	0.5	4.2	B	0
664	75	626	21	55	21.95	34.340	116.381	1.27	2.00	19	75	28.0	0.13	0.4	145.8	A	0
665	75	627	6	51	36.59	34.402	116.651	7.97	1.50	7	144	22.0	0.06	0.5	3.1	B	0
666	75	627	13	31	26.47	32.941	115.807	9.46	2.20	10	77	2.0	0.35	2.4	2.4	B	0
667	75	627	15	41	26.93	34.121	118.230	10.20	2.10	12	207	6.0	0.13	0.8	0.6	A	0
668	75	627	20	58	30.43	34.485	116.523	2.75	1.40	7	142	21.0	0.06	0.4	11.4	B	0
669	75	627	22	58	24.04	34.230	116.565	9.58	1.30	11	98	8.0	0.07	0.4	0.9	A	0
670	75	628	7	40	18.10	33.976	116.778	15.06	1.70	15	91	11.0	0.21	1.0	1.7	A	0
671	75	628	10	4	30.17	35.874	120.343	8.00	3.70	16	148	41.0	0.54	3.0	6.4	B	0
672	75	628	19	42	10.13	34.013	116.773	12.51	1.40	7	88	11.0	0.28	2.2	5.8	B	0
673	75	629	4	27	59.08	34.511	116.433	0.63	1.70	9	174	19.0	0.09	0.6	20.1	B	0
674	75	629	4	46	12.30	35.057	115.589	13.46	1.30	12	81	9.0	0.26	1.4	1.7	B	0
675	75	629	16	47	11.52	35.051	116.315	3.58	2.20	13	144	28.0	0.74	2.4	5.8	B	0
676	75	629	17	56	7.81	34.371	116.453	1.19	1.50	8	130	15.0	0.07	0.5	103.7	A	0
677	75	629	19	20	42.21	34.283	115.533	7.54	1.40	12	83	19.0	0.08	0.4	1.1	A	0
678	75	630	4	12	23.16	34.301	116.571	5.00	2.10	18	115	13.0	0.13	0.5	1.6	A	0

6[illegible]	75	623	6	7	26.73	32.904	115.521	10.[illegible]4	1.40	9	117	3.0	0.20	1.4	1.5	B	C
651	75	623	6	12	33.85	33.894	116.700	10.49	1.80	11	103	11.0	0.21	1.2	1.6	B	C
652	75	623	6	39	1.92	32.894	115.522	13.50	2.50	17	101	9.0	0.26	1.2	1.4	B	0
653	75	623	7	2	40.74	32.900	115.531	9.11	0.80	6	124	4.0	0.07	0.9	1.3	A	0
654	75	623	7	11	26.69	32.895	115.521	13.50	1.80	13	100	3.0	0.23	1.2	1.1	B	0
655	75	623	10	8	23.90	32.902	115.526	0.55	1.90	11	121	3.0	0.42	2.2	7.1	B	0
656	75	623	10	16	45.50	32.892	115.534	7.81	1.50	8	104	5.0	0.09	0.8	1.3	A	0
657	75	623	10	26	37.15	32.906	115.529	14.28	1.10	12	93	10.0	0.36	2.4	2.1	B	0
658	75	623	10	40	16.45	32.919	115.519	11.75	0.0	12	91	2.0	0.23	1.5	1.4	B	0
659	75	623	11	54	19.34	32.893	115.522	13.74	1.70	11	101	8.0	0.18	1.2	1.3	B	0
660	75	623	12	30	26.74	32.894	115.531	8.35	1.70	12	102	4.0	0.14	0.7	1.4	A	0
661	75	623	12	42	59.44	32.886	115.514	15.30	0.90	7	107	7.0	0.15	1.5	2.4	B	0
662	75	623	12	45	30.45	32.894	115.511	16.09	0.80	6	99	7.0	0.09	1.2	2.3	B	0
663	75	623	13	9	49.08	32.907	115.525	11.39	2.00	13	88	3.0	0.21	1.1	1.5	B	0
664	75	623	15	28	12.00	32.916	115.527	14.16	1.70	7	90	10.0	0.11	1.3	1.3	B	0
665	75	623	22	6	50.87	32.907	115.585	11.58	1.60	10	153	8.0	0.14	1.1	1.9	C	0
666	75	624	3	0	19.37	32.927	115.529	7.96	1.40	14	88	2.0	0.56	2.5	3.7	B	0
667	75	624	3	1	53.82	32.914	115.525	11.43	2.00	12	85	2.0	0.34	1.8	1.9	B	C
668	75	624	13	12	0.99	34.522	116.494	0.41	2.60	24	87	20.0	0.19	0.7	1.4	A	0
669	75	624	22	31	29.88	34.344	116.961	2.53	2.30	17	100	28.0	0.20	0.8	2.8	A	0
670	75	625	2	17	56.55	33.403	116.305	2.01	2.00	8	193	6.0	0.21	2.0	296.6	C	0
671	75	625	2	38	56.21	33.981	115.648	3.60	1.50	5	157	14.0	0.01	0.2	2.7	B	0
672	75	625	3	52	47.43	34.012	116.803	8.72	1.30	6	121	30.0	0.14	1.4	13.2	B	0
673	75	625	15	13	48.78	34.438	116.411	11.40	1.70	11	134	9.0	0.08	0.5	0.5	B	0
674	75	625	17	33	0.55	33.715	116.317	15.65	1.10	11	90	17.0	0.16	0.9	1.5	A	0
675	75	625	22	15	45.71	34.300	116.862	2.66	2.00	18	94	24.0	0.13	0.5	1.9	A	0
676	75	626	3	8	31.95	32.931	115.903	7.84	1.80	5	144	3.0	0.02	0.3	0.2	B	0
677	75	626	5	23	27.79	34.428	116.402	6.16	2.60	15	64	4.0	0.31	1.3	2.4	B	0
678	75	626	9	13	18.78	33.996	115.650	2.37	1.60	11	109	13.0	0.08	0.4	17.3	A	0
679	75	626	9	29	10.39	33.142	115.635	15.31	2.10	8	145	16.0	0.08	0.7	0.8	B	0
680	75	626	10	9	52.07	33.404	116.890	0.27	2.30	18	162	6.0	0.22	1.0	4.5	B	0
681	75	626	11	56	35.27	34.442	116.440	0.45	1.60	5	159	12.0	0.14	2.[illegible]	31[illegible].3	C	0
682	75	626	13	8	15.04	33.828	117.000	12.54	1.80	15	60	9.0	0.21	1.[illegible]	1.2	A	0
683	75	626	14	19	35.43	34.444	116.433	0.59	2.50	23	135	11.0	0.15	0.[illegible]	4.2	B	0
684	75	626	21	35	21.95	34.340	116.381	1.27	2.00	19	76	28.0	0.13	0.4	14[illegible].8	A	0
685	75	627	6	51	36.58	34.402	116.051	7.97	1.50	7	144	22.0	0.06	0.5	[illegible].1	B	C
686	75	627	13	31	26.47	32.941	115.807	9.46	2.20	10	77	2.0	0.35	2.4	[illegible].4	B	0
687	75	627	15	41	26.93	34.121	118.230	10.20	2.10	12	207	6.0	[illegible].13	0.8	0.6	A	0
688	75	627	20	58	30.43	34.486	116.523	2.75	1.60	7	142	21.0	.06	0.4	11.4	B	C
689	75	627	22	58	24.04	34.230	116.665	9.53	1.80	11	98	8.0	[illegible].07	0.4	0.9	A	0
690	75	628	7	40	18.10	33.976	116.778	16.06	1.70	15	91	11.0	[illegible].21	1.0	1.7	A	0
691	75	628	10	4	30.17	35.674	120.348	8.60	3.70	16	148	41.0	.54	3.0	6.4	B	0
692	75	628	19	42	10.13	34.010	116.778	12.51	1.40	7	88	11.0	[illegible].28	2.2	5.8	B	0
693	75	629	4	27	59.08	34.511	116.498	0.68	1.70	9	174	19.0	[illegible].09	0.6	20.1	B	0
694	75	629	4	46	12.30	33.059	115.589	13.44	1.30	12	81	9.0	[illegible].26	1.4	1.7	B	0
695	75	629	16	47	11.52	35.052	116.816	8.58	2.20	18	144	28.0	0.74	2.4	5.8	B	0
696	75	629	17	56	7.61	34.371	116.453	1.16	1.50	8	130	15.0	0.07	0.5	103.7	A	0
697	75	629	19	20	42.21	34.288	115.633	7.54	1.40	12	86	19.0	0.08	0.4	1.1	A	0
698	75	630	4	12	23.16	34.202	116.678	5.01	2.10	18	115	13.0	0.13	0.5	1.6	A	0
699	75	630	5	59	0.06	34.303	116.678	1.65	2.00	19	108	13.0	0.16	0.5	177.3	A	0
680	75	630	7	36	52.97	32.957	115.596	5.00	2.60	15	63	9.0	0.65	2.4	4.1	B	0
681	75	630	7	39	28.39	32.966	115.721	8.69	1.80	15	110	8.0	0.47	2.0	3.0	B	0
682	75	630	8	19	43.48	34.548	116.516	0.47	1.90	11	154	23.0	0.22	1.3	275.8	C	0
683	75	630	13	46	16.98	32.920	116.237	5.00	1.80	12	109	25.0	0.17	0.9	1.7	A	0
684	75	630	16	41	8.93	32.910	116.241	0.92	1.60	9	199	25.0	0.25	2.4	4.9	C	0
685	75	630	21	18	7.91	34.489	117.033	0.59	2.10	13	91	13.0	0.14	0.6	4.5	A	0
686	75	630	21	42	13.19	34.342	116.977	0.63	1.90	16	98	28.0	0.15	0.6	7.9	A	0

1	75	7	1	1	7	10.21	34.235	116.672	7.37	1.70	15	69	9.0	0.13	0.6	1.3	A	0
2	75	7	1	16	33	34.10	34.512	116.498	0.77	1.70	6	174	20.0	0.09	0.9	141.2	B	0
3	75	7	1	18	23	55.38	33.269	115.722	0.42	2.30	23	52	35.0	0.40	1.3	4.1	B	0
4	75	7	1	18	52	45.54	33.254	115.723	2.00	2.70	29	56	13.0	0.31	0.9	2.1	A	0
5	75	7	1	19	47	59.56	35.551	114.412	6.22	3.00	17	105	14.0	0.59	1.9	5.-	B	0
6	75	7	1	20	52	9.28	33.903	116.564	1.30	2.00	20	44	7.0	0.10	0.3	2.8	A	0
7	75	7	1	22	46	53.94	35.536	114.391	3.00	3.10	20	110	16.0	0.57	2.7	5.0	B	0
8	75	7	1	23	39	4.69	33.256	115.720	8.00	2.80	18	108	50.0	0.41	1.3	6.8	B	0
9	75	7	1	23	40	55.31	33.267	115.743	12.60	2.60	7	170	49.0	0.11	0.9	1.8	B	0
10	75	7	1	23	42	49.94	33.254	115.716	5.00	2.10	9	99	34.0	0.17	1.2	28.3	B	0
11	75	7	2	4	41	25.34	33.252	115.716	3.04	2.70	30	43	12.0	0.37	1.0	2.5	A	0
12	75	7	2	18	21	45.84	34.476	116.872	2.40	1.90	14	146	39.0	0.32	1.8	2.9	C	0
13	75	7	2	19	48	31.10	34.447	116.878	3.30	2.10	19	77	38.0	0.24	0.9	3.0	A	0
14	75	7	2	22	6	52.11	34.510	116.495	5.00	2.00	15	149	29.0	0.14	1.0	2.1	B	0
15	75	7	3	3	44	9.89	34.041	117.268	9.46	2.20	17	92	12.0	0.15	0.7	1.0	A	0
16	75	7	3	9	39	57.04	34.512	116.498	0.29	1.80	13	149	30.0	0.16	1.3	8.3	C	0
17	75	7	3	14	13	6.92	33.992	116.564	6.11	2.50	31	96	14.0	0.44	1.2	5.6	B	0
18	75	7	3	14	25	5.41	33.983	116.575	13.50	1.50	9	146	11.0	0.10	0.7	0.3	A	0
19	75	7	4	0	52	25.13	34.448	116.875	5.99	3.00	37	67	26.0	0.25	0.6	2.8	A	0
20	75	7	4	0	55	27.55	34.465	116.875	3.50	2.30	20	68	25.0	0.13	0.5	0.9	A	0
21	75	7	4	0	56	6.16	34.450	116.877	5.38	2.90	33	67	25.0	0.24	0.6	10.7	A	0
22	75	7	4	1	16	5.16	34.438	116.878	3.73	1.90	16	119	24.0	0.18	0.8	1.4	A	0
23	75	7	4	6	4	15.64	34.467	116.875	5.0	2.10	15	119	24.0	0.13	0.5	1.5	A	0
24	75	7	4	11	1	43.62	33.270	116.067	18.70	3.60	45	41	37.0	0.39	0.9	4.5	A	0
25	75	7	4	14	21	47.48	34.455	116.865	5.00	1.80	10	129	25.0	0.67	4.7	7.8	B	0
26	75	7	4	14	38	35.47	34.210	116.897	1.84	2.00	18	91	24.0	0.18	0.6	2.9	A	0
27	75	7	4	16	54	40.56	33.230	116.040	0.41	2.00	19	97	36.0	0.19	0.6	4.2	A	0
28	75	7	4	18	23	23.02	33.127	116.448	13.51	2.60	28	54	56.0	0.44	1.4	2.6	B	0
29	75	7	4	19	11	23.24	34.551	116.490	0.81	2.50	8	211	21.0	0.22	3.0	314.4	C	0
30	75	7	5	2	57	36.84	33.670	116.399	5.00	1.40	5	165	16.0	0.10	3.2	40.4	C	0
31	75	7	5	6	52	25.54	33.449	117.715	8.00	2.80	29	98	32.0	1.23	0.8	2.0	A	0
32	75	7	5	10	44	21.80	34.500	116.496	3.22	2.00	10	145	19.0	0.12	0.8	1.7	B	0
33	75	7	5	15	8	44.29	33.232	116.564	12.83	2.90	34	43	21.0	0.35	1.0	1.9	A	0
34	75	7	5	18	32	34.56	34.526	116.471	1.69	2.20	19	149	18.0	0.12	0.6	2.0	B	0
35	75	7	6	2	10	41.75	34.005	117.351	14.51	2.60	23	128	2.0	0.56	1.8	2.2	B	0
36	75	7	6	5	35	20.83	32.748	115.452	0.47	1.20	6	179	12.0	0.03	0.5	1.8	B	0
37	75	7	6	11	46	32.32	33.295	116.828	4.61	2.60	29	64	21.0	0.31	0.9	1.6	A	0
38	75	7	6	13	51	41.31	34.451	117.243	14.97	3.00	18	109	12.0	0.21	0.9	0.9	A	0
39	75	7	6	19	2	14.73	33.445	116.158	8.71	1.90	10	191	50.0	0.12	1.4	2.2	C	0
40	75	7	7	13	59	8.71	33.954	117.377	12.81	2.90	30	105	28.0	0.60	1.6	2.4	B	0
41	75	7	7	17	25	48.76	32.955	115.503	11.03	2.30	11	93	3.0	0.21	1.2	1.4	B	0
42	75	7	7	20	12	37.83	33.153	116.424	0.83	2.40	17	92	46.0	0.39	1.9	9.1	B	0
43	75	7	7	21	5	28.84	34.298	118.339	5.77	2.60	24	90	6.0	0.23	0.8	1.8	A	0
44	75	7	8	2	10	20.99	34.529	116.498	2.66	2.40	18	150	20.0	0.11	0.5	1.1	B	0
45	75	7	8	7	27	13.43	33.947	117.779	4.99	2.60	28	110	15.0	0.22	0.8	1.6	A	0
46	75	7	8	7	52	52.69	33.995	116.985	13.06	1.70	16	68	9.0	0.16	0.8	0.7	A	0
47	75	7	8	10	57	2.23	34.029	116.753	13.99	1.70	15	64	18.0	0.19	0.9	1.9	A	0
48	75	7	8	11	16	36.26	34.455	116.875	3.13	2.20	20	119	25.0	0.19	0.7	1.7	A	0
49	75	7	8	13	49	5.02	34.026	116.744	17.00	1.50	11	86	25.0	0.18	1.1	1.7	B	0
50	75	7	9	10	0	20.48	35.556	118.398	4.86	2.70	15	134	14.0	0.64	3.3	4.4	B	0
51	75	7	9	11	7	36.77	34.177	116.817	10.01	1.40	13	80	9.0	0.14	0.7	1.8	A	0
52	75	7	9	16	0	39.65	37.496	119.864	12.90	2.70	8	221	75.0	0.41	6.5	5.8	C	0
53	75	7	9	20	24	45.13	34.245	116.860	0.41	2.40	22	63	29.0	0.14	0.5	4.1	A	0
54	75	7	9	20	28	1.83	35.548	118.417	4.31	2.60	13	107	14.0	0.61	3.2	4.0	B	0
55	75	711		17	15	2.96	33.962	116.467	8.22	2.00	16	107	48.0	0.40	2.0	2.3	B	0
56	75	712		2	19	49.89	33.902	116.107	5.70	1.90	13	139	16.0	0.14	0.6	2.1	A	0
57	75	712		6	3	4.63	33.974	116.314	14.16	1.10	9	161	24.0	0.17	0.6	1.7	B	0
58	75	712		17	17	25.37	33.923	116.016	5.95	1.20	10	109	7.0	0.19	0.5	1.9	A	0

5	75	712	17	39	7.39	32.838	115.690	5.0	1.30	6	150	5.0	0.39	3.9	14.5	B	0
60	75	713	1	16	7.83	33.309	116.886	1.15	1.80	11	161	5.0	0.33	2.6	15.1	C	0
61	75	713	8	59	37.69	34.025	117.580	1.61	3.00	19	161	19.0	0.49	2.5	5.6	C	0
62	75	713	10	38	38.42	32.975	115.879	7.56	1.80	7	105	5.0	0.14	1.5	1.4	B	0
63	75	713	10	44	52.62	32.973	115.870	7.76	1.90	8	102	4.0	0.19	0.8	0.7	A	0
64	75	714	4	47	34.12	35.477	118.344	5.64	2.90	20	96	24.0	0.48	1.4	4.6	B	0
65	75	714	5	21	19.17	32.905	115.579	8.76	1.30	11	96	7.0	0.22	1.2	2.6	A	0
66	75	714	18	41	52.30	33.428	117.195	13.01	2.70	36	45	19.0	0.65	1.2	2.1	B	0
67	75	714	19	40	40.67	33.722	116.346	0.24	2.10	17	108	21.0	0.61	2.6	33.6	B	0
68	75	714	20	54	46.58	33.982	115.650	2.11	1.60	9	111	13.0	0.16	0.4	79.0	A	0
69	75	714	22	15	55.54	34.429	118.555	0.23	3.60	23	83	15.0	0.69	1.7	2.7	B	0
7	75	715	2	9	59.49	33.480	116.427	2.51	2.50	27	58	28.0	0.21	0.6	1.8	A	0
71	75	715	3	9	21.11	33.933	116.560	8.23	1.50	13	82	1.0	0.13	0.6	1.3	A	0
72	75	715	4	56	22.21	33.659	116.743	10.17	1.30	9	92	8.0	0.18	1.4	2.8	B	0
73	75	715	13	5	2.78	33.640	116.680	7.42	1.60	7	192	2.0	0.46	10.2	10.8	C	0
74	75	715	14	14	48.82	34.385	117.351	7.47	1.00	10	163	2.0	0.29	2.7	1.9	C	0
75	75	715	17	8	9.67	33.559	116.771	19.47	1.90	10	95	27.0	0.42	2.6	2.1	B	0
76	75	715	18	47	27.19	33.948	116.352	0.33	1.90	20	67	14.0	0.45	1.5	13.5	B	0
77	75	715	20	4	41.37	32.957	115.493	8.43	2.20	14	92	3.0	0.25	1.1	1.7	B	0
78	75	715	21	17	9.19	33.950	116.567	6.53	3.00	15	82	17.0	0.15	0.6	4.8	A	0
79	75	716	11	39	37.87	33.765	116.090	5.11	1.60	13	153	21.0	0.13	0.7	8.1	B	0
80	75	716	11	57	20.46	33.217	116.562	13.13	3.20	42	44	32.0	0.35	0.9	1.7	A	0
81	75	716	16	13	49.91	33.402	116.490	14.[illegible]	1.20	7	219	23.0	0.12	2.[illegible]	3.3	C	0
82	75	717	4	30	36.73	33.984	116.715	9.69	1.30	10	131	26.0	0.16	0.8	1.7	B	0
83	75	717	6	53	45.21	33.636	116.731	2.23	1.90	8	154	9.0	0.18	2.5	89.4	C	0
84	75	717	23	12	42.47	33.920	116.666	6.[illegible]	2.80	20	58	8.0	0.14	0.[illegible]	1.2	A	0
85	75	717	22	13	42.21	33.925	116.663	8.[illegible]	2.70	17	126	60.0	0.65	1.[illegible]	4.9	B	0
86	75	718	11	11	35.93	33.967	117.204	11.17	3.70	10	147	9.0	0.21	1.[illegible]	1.3	C	0
87	75	718	11	27	53.51	33.987	116.523	8.[illegible]	3.40	20	76	8.0	0.31	1.[illegible]	2.1	A	0
88	75	718	11	29	25.92	33.990	116.516	8.[illegible]	2.50	20	76	7.0	0.27	0.[illegible]	1.8	A	0
89	75	719	13	12	42.19	33.990	117.254	21.42	1.40	5	175	13.0	0.39	2.2	2.7	C	0
90	75	719	20	14	36.68	33.474	116.749	12.[illegible]	1.60	13	87	9.0	0.14	0.[illegible]	1.3	A	0
91	75	719	9	1	6.50	33.387	116.364	8.[illegible]	2.70	29	39	39.0	0.29	0.[illegible]	3.4	A	0
92	75	719	11	50	56.87	34.211	116.358	7.[illegible]	1.90	18	140	28.0	0.33	1.[illegible]	7.1	C	0
93	75	719	17	28	3.03	34.304	116.853	1.47	3.90	38	72	25.0	0.24	0.[illegible]	1.5	A	0
94	75	719	17	47	32.44	33.978	117.256	22.73	1.70	9	175	13.0	0.18	1.6	1.6	C	0
95	75	721	3	43	20.53	35.1.9	118.537	3.[illegible]	2.90	16	121	44.0	0.31	1.[illegible]	3.5	B	0
96	75	721	7	21	59.63	34.445	116.873	5.[illegible]	2.80	33	85	38.0	0.23	0.[illegible]	10.2	A	0
97	75	721	16	28	12.51	32.997	115.990	2.[illegible]	2.10	14	125	12.0	0.42	2.1	4.9	B	0
98	75	721	16	51	22.23	33.757	116.838	2.[illegible]	1.50	12	136	20.0	0.26	1.[illegible]	319.3	C	0
99	75	721	21	18	48.15	33.355	116.822	5.[illegible]	1.80	10	213	3.0	0.16	1.[illegible]	1.7	C	0
100	75	722	2	15	18.13	33.963	116.359	17.71	1.70	13	93	14.0	0.10	0.[illegible]	0.5	A	0
101	75	722	12	24	34.35	34.014	116.380	10.73	2.00	18	145	13.0	0.39	1.[illegible]	3.3	B	0
102	75	722	15	13	0.63	32.999	115.531	10.[illegible]	1.40	5	173	9.0	0.02	0.[illegible]	0.7	B	0
103	75	722	22	21	7.03	33.983	116.381	8.[illegible]	2.90	30	46	13.0	0.35	0.[illegible]	2.3	A	0
104	75	722	1	25	41.41	34.028	117.044	7.[illegible]	1.90	13	133	6.0	0.29	1.[illegible]	2.0	C	0
105	75	723	12	38	36.50	33.695	116.370	11.[illegible]	2.30	17	164	21.0	0.33	1.[illegible]	2.8	B	0
106	75	723	18	9	24.55	33.[illegible]05	116.259	0.15	3.05	28	67	30.0	0.29	0.[illegible]	2.3	A	0
107	75	723	20	25	1.19	34.020	117.131	0.76	2.30	17	105	27.0	0.19	0.[illegible]	6.3	A	0
108	75	723	23	47	8.16	33.914	116.094	0.15	2.10	18	115	18.0	0.27	1.[illegible]	6.8	A	0
109	75	724	7	2	11.94	33.908	118.648	8.[illegible]	2.10	16	141	28.0	0.44	2.[illegible]	4.7	B	0
110	75	724	7	8	25.81	33.903	118.645	1.[illegible]	2.10	10	195	29.0	0.34	2.[illegible]	3.0	B	0
111	75	724	7	16	2.73	32.883	115.529	10.[illegible]	1.80	6	111	9.0	0.14	1.[illegible]	1.1	A	0
112	75	724	13	13	33.98	32.982	115.528	10.[illegible]	1.30	5	167	8.0	0.05	0.[illegible]	1.7	B	0
113	75	724	14	21	50.62	32.976	115.505	12.[illegible]	2.50	15	115	7.0	0.29	1.[illegible]	2.0	B	0
114	75	724	16	45	26.78	32.983	115.525	8.[illegible]	2.30	17	111	9.0	0.35	1.[illegible]	3.0	B	0
115	75	724	17	12	14.23	34.103	116.357	5.[illegible]	1.60	10	66	15.0	0.09	0.[illegible]	4.1	A	0
116	75	724	19	58	50.62	34.617	117.127	0.21	2.40	18	104	27.0	0.20	0.[illegible]	2.2	A	0
117	75	724	21	39	22.13	33.920	115.677	8.[illegible]	2.30	16	54	9.0	0.60	2.[illegible]	5.5	B	0
118	75	725	14	11	16.81	32.982	115.527	11.[illegible]	1.80	7	111	8.0	0.19	0.[illegible]	2.2	A	0
119	75	726	6	38	49.27	34.129	116.979	10.[illegible]	2.70	26	59	31.0	0.33	1.[illegible]	1.9	A	0
120	75	726	11	36	19.11	34.438	115.827	5.[illegible]	1.80	8	92	11.0	0.15	0.[illegible]	5.6	A	0

125	7	726	23	29	9.72	33.713	116.823	11.93	1.40	15	91	13.)	0.19	0.9	1.4	A	0
126	7	727	8	49	57.11	33.948	116.282	1.99	1.40	6	174	27.)	0.09	1.5	6.4	C	0
127	7	727	11	46	55.44	37.123	117.939	8.00	2.70	10	175	27.)	0.44	2.9	5.4	B	0
128	7	727	12	1	12.68	34.587	116.348	8.00	2.50	15	189	21.)	0.49	2.2	5.1	B	0
129	7	727	12	48	37.19	37.113	117.906	3.29	2.00	13	162	29.)	0.70	3.8	9.5	B	0
130	7	727	13	12	52.77	33.881	116.525	11.96	1.60	8	124	9.0	0.09	0.7	1.4	A	0
131	7	727	16	57	16.73	34.182	117.391	0.18	2.30	11	91	13.)	0.33	1.6	2.9	B	0
132	7	727	18	41	46.69	33.771	119.329	8.00	2.30	23	184	32.0	0.65	2.4	4.3	B	0
133	7	728	0	6	1.27	33.822	117.124	12.65	2.20	10	85	14.0	0.11	0.7	1.3	A	0
134	7	728	0	46	51.71	33.805	117.309	15.41	2.30	12	61	9.)	0.26	1.5	1.9	B	0
135	7	728	4	7	4.32	34.995	118.706	11.80	2.90	27	131	33.)	0.62	1.6	2.6	B	0
136	7	728	5	8	28.95	35.644	118.419	11.40	2.10	8	137	5.0	0.63	10.1	7.6	C	0
137	7	728	9	24	54.98	33.565	116.525	8.00	2.60	26	83	26.)	0.74	1.6	6.0	B	0
138	7	728	11	46	9.72	34.987	118.686	8.00	3.10	28	124	31.)	0.70	1.7	4.6	B	0
139	7	728	20	17	56.28	33.523	116.507	9.99	2.10	12	153	18.)	0.38	2.8	3.6	C	0
140	7	729	3	25	45.80	33.421	116.386	8.00	2.30	27	62	15.)	0.50	1.2	26.2	B	0
141	7	729	7	38	56.66	35.336	116.190	8.00	2.70	27	43	94.)	0.24	0.7	3.1	A	0
142	7	730	2	30	12.00	33.993	117.152	12.39	2.10	15	117	11.)	0.27	1.3	1.9	B	0
143	7	730	12	14	53.30	33.007	115.740	6.23	2.10	15	56	5.	0.51	2.2	2.9	B	0
144	7	730	19	46	37.77	34.326	119.721	12.40	2.90	19	183	9.	0.49	4.9	11.0	B	0
145	7	731	12	29	58.11	33.99	116.859	14.71	1.20	12	127	9.	0.12	0.7	1.6	A	0
146	7	731	18	13	15.91	34.483	115.708	0.97	2.30	16	100	11.	0.21	0.8	5.5	A	0
147	7	731	20	47	46.21	34.447	116.372	5.00	2.50	19	77	7.)	0.24	1.9	1.9	A	0
148	7	8 1	0	48	11.12	33.114	115.627	12.50	2.30	21	92	8.	0.29	1.0	1.4	A	0
149	7	8 1	11	42	13.05	33.637	116.753	11.20	2.30	24	64	.	0.22	0.7	1.2	A	0
150	7	8 1	22	25	33.31	33.693	116.717	9.16	0.0	6	143	.	0.38	7.1	16.6	C	0
151	7	8 2	0	11	9.93	32.965	115.527	1.57	1.20	5	112	1.	0.32	0.2	31.0	A	0
152	7	8 2	0	14	7.73	33.529	116.558	13.40	4.70	30	35	17.	0.21	0.6	1.0	A	0
153	7	8 2	0	18	40.62	33.542	116.572	9.65	1.60	11	149	13.	0.14	1.2	1.5	C	0
154	7	8 2	0	21	2.10	33.509	116.548	7.35	2.50	23	75	17.	0.31	1.0	1.4	A	0
155	7	8 2	0	22	3.62	33.695	116.622	0.28	1.80	9	149	6.	9.52	3.2	694.6	C	0
156	7	8 2	0	22	47.99	33.533	116.559	7.74	1.80	12	152	14.	0.15	1.0	1.5	B	0
157	7	8 2	0	26	33.26	33.536	116.561	12.40	0.1	6	208	14.	0.10	1.7	2.3	C	0
158	7	8 2	0	26	48.55	33.517	116.562	4.59	2.30	15	154	15.	0.35	1.6	18.1	C	0
159	7	8 2	0	29	14.92	33.559	116.561	7.79	1.80	17	149	13.	0.31	1.4	2.1	C	0
160	7	8 2	0	32	15.96	33.503	116.583	10.83	2.50	23	75	16.)	0.37	1.3	1.9	B	0
161	7	8 2	0	36	9.33	33.516	116.563	5.00	1.70	15	156	15.)	0.44	2.3	4.2	C	0
162	7	8 2	0	44	24.59	33.561	116.584	10.56	1.70	13	218	10.)	0.20	3.0	1.8	C	0
163	7	8 2	0	50	56.29	33.531	116.558	7.54	2.30	19	73	14.0	0.23	0.9	1.9	A	0
164	7	8 2	1	33	46.13	32.995	115.525	13.89	0.40	7	126	7.0	0.19	2.7	4.4	B	0
165	7	8 2	1	43	16.80	34.102	116.445	1.75	2.30	17	93	19.0	0.50	2.0	7.0	B	0
166	7	8 2	2	48	28.43	33.529	116.557	5.00	1.80	14	153	15.0	0.23	1.3	2.8	C	0
167	7	8 2	2	53	21.74	32.996	115.528	13.37	1.30	7	104	7.0	0.10	0.9	1.1	A	0
168	7	8 2	2	58	41.46	33.527	116.589	10.28	1.50	11	149	12.0	0.19	1.5	1.9	C	0
169	7	8 2	3	21	46.29	33.517	116.574	3.41	1.90	13	154	15.0	0.45	3.3	4.6	C	0
170	7	8 2	3	58	8.62	33.561	116.612	13.25	1.10	11	150	9.)	0.74	5.2	4.1	C	0
171	7	8 2	4	13	45.86	33.495	116.575	0.90	1.60	10	160	17.0	0.25	1.9	10.6	C	0
172	7	8 2	4	34	39.36	34.094	116.618	11.80	2.30	14	74	3.0	0.14	0.6	1.1	A	0
173	7	8 2	7	13	23.69	33.513	116.557	7.27	2.70	22	74	16.0	0.30	1.1	1.7	B	0
174	7	8 2	10	9	17.38	33.715	116.826	9.99	1.30	15	91	18.0	0.19	0.8	2.4	A	0
175	7	8 2	13	23	27.29	33.507	116.575	7.52	2.50	23	75	16.)	0.40	1.4	2.2	B	0
176	7	8 2	15	14	40.11	33.540	116.523	15.09	1.60	9	213	16.)	0.16	1.7	2.2	C	0
177	7	8 2	16	7	49.79	33.078	115.595	14.10	2.90	39	46	10.0	0.32	0.8	0.9	A	0
178	7	8 2	17	10	16.18	33.528	116.538	11.25	1.90	14	155	16.0	0.16	1.1	1.3	C	0
179	7	8 2	19	21	21.51	33.057	115.589	13.80	1.30	7	148	9.0	0.07	1.2	1.8	C	0
180	7	8 2	20	41	42.92	33.542	116.557	11.35	1.90	9	196	13.0	0.13	1.3	2.0	C	0
181	7	8 3	0	29	9.82	33.511	116.573	11.10	3.10	43	31	16.0	0.35	0.8	1.7	A	0
182	7	8 3	4	29	12.95	34.096	117.251	15.21	1.50	11	139	9.)	0.55	3.6	4.2	C	0
183	7	8 3	6	11	39.51	33.963	116.398	5.00	1.40	11	114	19.)	0.43	2.9	31.6	B	0
184	7	8 3	14	3	49.54	33.943	116.444	11.56	1.30	23	47	5.0	0.56	1.9	2.5	B	0

187	7	[illegible]	4	7	7	54.1[illegible]	33.925	116.389	14.7[illegible]	2.40	23	34	16.[illegible]	[illegible].35	[illegible].5	[illegible].4	[illegible]	[illegible]
188	7	8	4	14	31	55.4[illegible]	33.473	116.584	2.27	1.70	13	164	19.0	0.61	3.6	6.6	C	0
189	7	[illegible]	4	14	44	14.55	33.5[illegible]	116.582	0.21	1.60	15	157	16.0	0.55	3.0	6.5	C	0
190	7	8	4	20	57	45.21	33.705	116.849	0.09	2.20	18	98	20.0	0.37	1.3	4.0	B	0
191	7	8	5	2	21	27.82	33.979	115.874	8.11	0.[illegible]	8	166	5.0	0.19	1.6	1.5	C	0
192	7	8	5	4	45	26.31	33.5[illegible]	116.524	7.72	1.70	12	153	17.0	0.27	2.0	2.8	C	0
193	7	8	5	10	48	41.31	33.743	116.771	11.63	0.40	6	155	15.0	0.08	1.2	2.7	C	0
194	7	8	5	12	57	44.72	33.5[illegible]	116.604	2.79	1.30	13	153	15.0	0.42	2.8	5.1	C	0
195	7	8	6	7	10	0.44	33.178	116.535	12.1[illegible]	2.20	14	92	36.0	0.36	2.[illegible]	1.6	B	0
196	7	8	6	12	0	53.61	33.9[illegible]	116.755	18.37	1.10	10	143	9.0	0.21	1.3	2.8	C	0
197	7	8	6	13	15	41.1[illegible]	33.669	116.761	9.31	2.[illegible]	15	9[illegible]	10.0	0.22	1.[illegible]	1.9	A	0
198	7	8	6	20	10	14.27	34.332	116.480	2.48	2.[illegible]	14	131	27.0	0.14	[illegible].8	2.9	B	0
199	7	[illegible]	[illegible]	21	7	27.03	33.374	116.317	8.0[illegible]	3.20	34	61	44.0	0.42	1.[illegible]	4.0	A	0
200	7	8	6	22	20	11.42	34.625	117.119	9.51	2.70	17	105	28.0	0.32	1.6	1.9	B	0
201	7	8	7	4	47	34.2[illegible]	35.201	118.545	3.1[illegible]	[illegible].10	13	197	42.0	0.61	4.5	7.0	C	0
202	7	8	7	18	17	6.92	33.562	116.879	1.34	1.70	14	127	22.0	0.23	1.1	2.6	B	0
203	7	8	8	4	33	34.95	33.024	115.571	7.0[illegible]	1.50	12	121	8.0	0.22	1.2	1.7	B	0
204	7	8	8	14	7	37.46	34.498	116.512	2.1[illegible]	2.40	15	174	32.0	0.08	0.5	1.0	B	0
205	7	8	8	14	45	24.61	33.965	116.833	11.33	1.50	10	106	16.0	0.24	1.4	2.7	B	0
206	7	8	10	9	51	16.32	33.057	116.563	9.93	1.80	12	83	6.0	0.25	1.2	1.9	B	0
207	7	8	10	10	10	29.[illegible]	33.067	116.563	11.5[illegible]	2.70	31	45	7.0	0.20	0.5	0.9	A	0
208	7	8	10	12	28	48.56	33.063	116.561	7.56	1.90	11	97	6.0	0.24	1.5	1.4	B	0
209	7	8	11	13	50	55.49	35.231	118.577	6.32	2.70	15	182	43.0	0.61	2.8	5.0	B	0
210	7	8	11	3	0	50.27	35.272	118.575	5.84	2.30	15	135	44.0	0.55	2.1	5.8	B	0
211	7	8	12	13	57	46.89	33.[illegible]	11[illegible].535	6.1[illegible]	3.10	17	72	38.0	0.87	2.7	4.8	B	0
212	7	8	13	19	2	58.22	35.461	118.355	4.7[illegible]	2.30	11	166	25.0	0.42	1.8	3.5	B	0
213	7	8	14	4	29	58.5[illegible]	35.079	118.162	15.3[illegible]	3.70	21	80	66.0	0.58	2.0	8.0	B	0
214	7	8	14	7	20	45.49	34.132	118.976	13.3[illegible]	2.80	40	52	6.0	0.26	0.7	0.8	A	0
215	7	8	14	8	7	44.22	34.047	116.437	3.99	2.10	19	85	21.0	0.21	0.8	999.9	B	0
216	7	8	14	8	8	46.84	34.0[illegible]	116.426	10.9[illegible]	4.00	29	89	36.0	0.52	1.3	2.5	B	0
217	7	8	14	8	10	36.74	34.0[illegible]	11[illegible].440	10.[illegible]	3.80	29	72	29.0	0.24	0.8	1.5	A	0
218	7	8	14	8	23	17.03	34.043	116.443	3.76	1.90	19	101	21.0	0.21	0.8	1.2	A	0
219	7	8	14	8	59	19.83	34.027	116.436	1.0[illegible]	2.00	19	90	37.0	0.34	1.3	3.2	B	0
220	7	8	14	9	19	30.62	34.047	116.435	3.7[illegible]	2.10	20	85	21.0	0.20	0.8	1.2	A	0
221	7	8	14	10	43	8.86	34.046	11[illegible].413	8.0[illegible]	1.70	6	140	34.0	0.21	9.7	32.9	C	0
222	7	8	14	11	3	8.46	34.041	11[illegible].429	8.0[illegible]	2.10	8	139	36.0	0.36	9.3	29.1	C	0
223	7	8	14	20	3	22.17	35.[illegible]05	11[illegible].538	5.9[illegible]	2.10	11	133	37.0	0.72	3.0	8.3	B	0
224	7	8	14	22	10	19.02	34.223	116.865	0.22	2.10	15	130	27.0	0.47	1.9	10.1	B	0
225	7	8	15	12	12	37.53	34.015	11[illegible].757	14.33	1.60	7	154	9.0	0.11	1.2	2.0	C	0
226	7	8	15	20	32	1.59	34.529	11[illegible].494	3.59	2.50	13	151	20.0	0.11	0.9	1.6	B	0
227	7	8	15	20	56	7.47	34.052	116.438	3.3[illegible]	1.90	16	80	21.0	0.12	0.5	0.7	A	0
228	7	8	14	8	23	27.94	34.021	11[illegible].665	4.7[illegible]	1.80	14	59	7.0	0.11	0.4	1.9	A	0
229	7	8	15	9	39	0.67	34.043	11[illegible].437	13.7[illegible]	1.20	9	83	21.0	0.14	0.6	2.2	A	0
230	7	8	16	12	21	15.97	33.574	116.707	5.0[illegible]	1.80	15	125	28.0	0.19	0.9	1.9	A	0
231	7	8	16	14	38	18.4[illegible]	33.5[illegible]	11[illegible].560	8.0[illegible]	2.30	20	106	32.0	0.24	0.9	4.1	A	0
232	7	8	16	16	23	49.74	33.574	116.564	5.0[illegible]	2.00	13	152	28.0	0.15	0.9	1.5	B	0
233	7	8	17	0	24	26.85	37.[illegible]87	11[illegible].845	8.0[illegible]	4.10	11	106	79.0	0.37	2.1	3.5	B	0
234	7	8	17	5	37	36.71	35.505	11[illegible].559	12.8[illegible]	2.20	19	116	32.0	0.19	0.8	1.5	A	0
235	7	8	17	5	6	15.42	34.[illegible]42	11[illegible].440	7.0[illegible]	2.40	18	80	21.0	0.14	0.5	1.4	A	0
236	7	8	17	6	20	52.67	34.047	11[illegible].438	3.6[illegible]	2.60	33	74	21.0	0.29	0.8	1.3	A	0
237	7	8	17	7	44	47.2[illegible]	34.[illegible]42	116.442	8.9[illegible]	1.50	13	82	20.0	0.13	0.6	0.8	A	0
238	7	8	17	12	24	57.1[illegible]	34.048	11[illegible].435	8.0[illegible]	2.10	16	81	21.0	0.14	0.6	2.4	A	0
239	7	8	17	14	45	50.14	34.[illegible]47	11[illegible].459	5.[illegible]	1.30	7	92	21.0	0.72	5.4	69.4	C	0
240	7	8	17	15	38	18.83	33.944	11[illegible].650	15.0[illegible]	1.80	10	78	1.0	0.08	0.5	0.6	A	0
241	7	8	17	16	34	39.2[illegible]	[illegible].112	117.783	4.2[illegible]	2.20	8	172	37.0	0.32	1.9	4.0	B	0
242	7	8	17	17	45	3.61	34.[illegible]8	11[illegible].173	1.21	2.10	21	59	6.0	0.43	1.5	5.4	B	0
243	7	8	18	1	25	22.89	33.819	11[illegible].631	17.3[illegible]	3.10	41	103	10.0	0.41	1.2	1.6	B	0
244	7	8	18	22	54	50.77	34.[illegible]89	11[illegible].432	0.5[illegible]	2.20	12	138	21.0	0.19	0.9	7.3	B	0
245	7	8	18	4	31	53.[illegible]	34.[illegible]53	11[illegible].438	3.11	2.10	14	84	21.0	0.33	0.9	9.3	A	0
246	7	8	19	10	14	35.[illegible]	34.[illegible]32	11[illegible].557	3.[illegible]	1.30	28	58	33.0	0.33	1.0	2.7	A	0

249	7	819	18	12	17.18	32.726	115.608	15.44	2.00	9	171	30.0	0.23	1.2	1.9	C	0
250	7	819	19	6	39.97	35.020	117.696	1.94	2.00	15	114	40.0	0.24	1.1	3.7	B	0
251	7	820	4	37	16.86	34.507	116.479	3.07	3.40	38	85	18.0	0.21	1.6	1.4	A	0
252	7	820	4	54	48.42	33.910	116.796	7.82	2.10	21	66	15.0	0.25	1.9	1.6	A	0
253	7	820	5	1	1.18	34.341	116.441	3.68	2.70	30	71	21.0	0.30	1.7	1.1	A	0
254	7	820	9	13	10.96	34.012	117.211	12.61	1.70	12	161	9.0	0.22	1.6	1.3	C	0
255	7	820	9	28	2.34	33.931	116.348	2.07	9.00	6	144	13.0	0.48	1.3	54.9	B	0
256	7	820	11	41	52.45	34.298	116.636	7.48	2.00	13	167	9.0	0.24	1.3	1.7	C	0
257	7	820	19	27	0.36	34.988	119.351	0.92	2.00	9	169	66.0	0.18	1.0	2.8	B	0
258	7	821	12	26	18.12	37.563	118.371	1.85	2.00	11	105	80.0	0.65	3.8	10.2	D	0
259	7	821	12	21	34.39	35.941	116.293	8.00	2.00	13	83	35.0	0.62	2.8	5.6	B	0
260	7	821	20	52	29.41	34.355	116.536	2.47	2.00	20	133	17.0	0.18	1.8	1.1	A	0
261	7	821	23	43	39.31	34.374	116.535	5.34	2.00	19	74	18.0	0.19	1.7	22.4	A	0
262	7	822	2	43	59.54	34.057	117.262	14.54	1.40	13	141	12.0	0.19	1.2	1.0	C	0
263	7	822	3	43	4.37	34.385	116.552	1.78	1.90	7	196	19.0	0.10	1.5	150.1	C	0
264	7	823	7	27	56.62	34.029	116.979	11.40	2.00	33	59	8.0	0.31	0.8	1.1	A	0
265	7	823	20	50	15.89	32.851	115.592	5.00	2.00	16	61	11.0	0.64	2.6	5.2	B	0
266	7	824	11	51	49.91	32.791	116.139	13.10	2.10	20	84	16.0	0.29	1.3	1.7	B	0
267	7	824	12	50	42.95	33.259	117.961	8.00	1.80	10	179	42.0	0.26	1.5	26.7	B	0
268	7	824	13	28	8.17	34.084	117.292	5.00	2.00	19	107	12.0	0.51	2.0	4.0	B	0
269	7	825	2	34	52.67	34.436	116.201	6.21	2.00	12	150	37.0	0.13	1.0	2.2	B	0
270	7	825	10	51	34.88	33.141	115.614	7.97	1.70	13	100	3.0	0.30	1.5	2.4	B	0
271	7	825	21	38	51.71	34.013	116.405	14.61	1.70	8	93	21.0	0.06	0.5	1.7	A	0
272	7	826	8	39	27.50	34.971	119.116	5.40	3.30	20	152	56.0	0.30	1.3	16.2	D	0
273	7	826	22	20	54.40	34.619	117.122	0.14	2.50	25	104	28.0	0.20	1.6	4.1	A	0
274	7	827	21	31	18.97	34.614	117.323	2.93	2.50	16	162	10.0	0.52	3.3	4.9	C	0
275	7	827	22	37	22.36	32.332	115.355	16.20	3.00	21	216	49.0	0.44	3.5	9.6	B	0
276	7	828	0	8	13.94	33.401	116.453	7.40	2.10	17	96	32.0	0.24	1.2	1.8	A	0
277	7	828	0	37	51.66	33.793	116.936	1.25	1.70	13	118	13.0	0.26	1.0	18.3	A	0
278	7	828	1	7	12.84	33.722	116.752	8.64	1.70	12	137	13.0	0.25	1.5	3.2	C	0
279	7	829	6	14	2.31	33.943	116.778	25.33	1.50	13	89	20.0	0.37	2.7	3.6	B	0
280	7	830	1	26	11.74	33.931	116.712	14.56	1.50	14	71	8.0	0.09	0.4	0.6	A	0
281	7	830	7	23	59.72	33.973	116.911	8.00	2.00	37	51	19.0	0.52	1.5	7.9	B	0
282	7	830	16	39	4.40	33.667	116.732	9.11	1.70	9	91	7.0	0.21	1.7	2.4	B	0
283	7	831	5	0	45.35	32.242	115.679	5.00	2.40	19	73	9.0	0.38	1.4	3.1	B	0
284	7	901	9	56	40.49	33.647	116.758	15.91	1.50	9	193	9.0	0.12	2.1	3.4	C	0
285	7	902	6	50	13.53	33.706	116.946	15.20	2.70	31	47	19.0	0.34	1.9	1.1	A	0
286	7	902	7	8	39.34	34.046	118.969	3.77	1.60	6	223	58.0	0.24	4.9	11.1	C	0
287	7	902	13	33	24.57	33.339	116.581	8.00	2.20	10	154	26.0	0.37	2.6	20.9	B	0
288	7	902	15	53	48.68	32.695	115.562	8.00	2.70	14	218	16.0	0.57	4.7	5.6	C	0
289	7	903	1	31	58.07	33.793	117.150	12.10	2.30	24	69	14.0	0.31	1.1	1.6	A	0
290	7	903	4	7	1.25	35.859	117.792	8.00	2.30	6	214	18.0	0.26	6.1	10.4	C	0
291	7	903	5	46	2.36	34.043	116.436	9.65	1.20	11	136	21.0	0.10	0.6	1.2	B	0
292	7	903	6	7	42.79	32.777	115.391	15.45	2.70	17	133	10.0	0.32	1.5	1.1	C	0
293	7	903	23	28	33.17	34.199	116.181	12.39	1.60	11	63	4.0	0.05	0.3	0.3	A	0
294	7	904	1	2	59.14	34.335	116.875	0.26	2.10	16	79	27.0	0.30	1.2	341.1	B	0
295	7	904	3	15	28.11	34.041	117.249	15.67	1.30	8	186	11.0	0.10	0.9	1.5	B	0
296	7	904	8	14	33.61	33.387	116.415	1.58	1.70	17	194	35.0	0.30	1.9	14.6	C	0
297	7	904	9	59	28.09	33.816	117.035	14.14	1.90	16	76	9.0	0.16	0.8	0.9	A	0
298	7	905	0	20	8.78	34.394	117.077	1.15	2.40	18	136	27.0	0.25	1.0	8.2	B	0
299	7	905	16	12	25.17	34.424	118.316	1.82	2.40	21	62	9.0	0.44	1.5	2.7	B	0
300	7	905	21	55	45.98	34.489	118.191	0.29	2.00	14	55	30.0	0.21	0.8	1.5	A	0
301	7	906	7	13	29.98	34.420	118.195	99.99	2.10	12	85	29.0	0.19	0.8	1.2	A	0
302	7	907	1	13	16.79	34.194	117.481	5.00	1.90	14	152	16.0	0.29	1.6	4.4	C	0
303	7	907	9	30	52.99	33.712	116.328	18.81	1.80	11	204	21.0	0.15	1.5	1.8	C	0
304	7	908	22	25	42.79	33.946	116.241	8.21	3.00	24	66	39.0	0.42	1.5	4.3	B	0
305	7	909	5	10	5.22	35.795	118.024	5.56	2.40	10	105	39.0	0.55	2.1	999.9	B	0
306	7	910	11	14	16.77	33.179	115.671	4.17	2.70	28	56	3.0	0.28	0.8	0.8	A	0
307	7	911	1	54	23.37	33.991	117.195	15.87	1.40	6	146	9.0	0.06	0.9	2.3	B	0
308	7	911	6	2	19.42	33.152	115.479	12.50	2.00	11	171	26.0	0.36	3.0	4.6	C	0

311	7[illegible]	[illegible]	11	4[illegible]	35.35	3[illegible].19[illegible]	11[illegible].[illegible]68	[illegible].70	2.[illegible]	14	1[illegible]1	5.[illegible]	0.21	1.5	[illegible].8	B	0
312	75	211	14	56	2.54	33.959	117.170	17.34	1.[illegible]	11	1[illegible]7	7.0	0.16	1.2	1.0	B	0
313	75	211	22	21	47.16	34.124	116.289	11.79	1.[illegible]	11	109	16.0	0.24	1.5	2.7	B	0
314	75	212	5	9	26.75	33.174	115.655	4.32	2.70	30	70	2.0	0.30	[illegible].9	5.7	A	0
315	75	212	8	55	59.59	33.919	116.398	17.90	2.[illegible]	27	42	15.0	0.29	[illegible].9	1.5	A	0
316	75	212	11	59	46.65	36.261	118.341	[illegible].62	2.[illegible]	10	229	31.[illegible]	0.63	[illegible].2	12.8	E	0
317	75	212	12	24	8.14	36.240	113.[illegible]18	5.03	2.[illegible]	11	171	30.0	0.70	3.1	7.3	B	0
318	75	212	17	54	15.06	32.990	115.511	5.99	2.[illegible]	5	122	30.0	0.21	1.2	22.8	B	0
319	75	212	22	17	17.15	33.479	116.[illegible]18	[illegible].65	1.[illegible]	8	155	18.0	0.15	1.4	33.8	C	0
320	75	213	3	1[illegible]	5.30	33.384	116.[illegible]03	1.93	2.10	18	154	18.0	0.23	1.0	3.0	B	0
321	75	213	23	3[illegible]	46.19	33.827	116.076	3.06	1.[illegible]	10	2[illegible]5	16.0	0.17	[illegible].5	1.8	B	0
322	75	215	14	13	27.73	34.026	116.437	12.49	1.[illegible]	7	98	20.0	0.19	[illegible].9	3.4	A	0
323	75	216	12	41	11.18	32.654	117.[illegible]99	15.00	3.[illegible]	19	212	71.0	0.59	[illegible].1	8.5	B	0
324	75	216	13	39	18.75	33.337	116.365	[illegible]	3.[illegible]	35	56	46.0	0.47	1.2	3.6	B	0
325	75	216	23	2	6.66	33.58[illegible]	116.[illegible]16	[illegible].43	1.[illegible]	11	134	25.0	0.14	[illegible].9	22.4	B	0
326	75	217	0	[illegible]	57.95	34.338	116.977	[illegible].77	2.[illegible]	14	143	27.0	0.22	1.1	259.3	C	0
327	75	217	11	8	7.[illegible]	33.069	116.760	1[illegible].49	1.4[illegible]	6	135	9.0	0.17	[illegible].6	0.7	B	0
328	75	217	23	34	29.39	34.346	116.[illegible]62	1.50	2.[illegible]	23	63	29.[illegible]	0.17	[illegible].5	4.0	A	0
329	75	218	12	2	31.[illegible]	33.[illegible]93	116.507	[illegible].70	1.[illegible]	16	110	32.0	0.15	[illegible].7	1.3	A	0
330	75	219	3	6	39.17	33.906	118.159	4.69	2.[illegible]	14	122	17.0	0.50	2.0	2.6	B	0
331	75	219	19	1	2[illegible].[illegible]	33.634	117.[illegible]58	[illegible].30	2.[illegible]	26	108	2.0	0.40	1.4	2.1	B	0
332	75	220	1	24	44.50	34.343	116.[illegible]84	[illegible].41	2.[illegible]	18	65	28.0	0.13	[illegible].5	7.3	A	0
333	75	220	5	29	59.[illegible]	33.692	116.783	14.71	1.[illegible]	10	127	24.0	0.17	1.1	4.3	B	0
334	75	220	13	28	28.22	33.983	116.[illegible]23	14.51	1.7[illegible]	14	74	3.0	0.15	[illegible].7	1.2	A	0
335	75	220	17	6	27.5[illegible]	33.964	117.162	14.99	1.[illegible]	14	51	8.[illegible]	0.11	[illegible].6	0.5	A	0
336	75	220	18	14	35.84	34.381	116.[illegible]80	[illegible].00	2.[illegible]	35	64	31.0	0.25	[illegible].7	2.0	A	0
337	75	221	0	45	26.41	33.984	115.[illegible]31	9.86	1.4[illegible]	8	134	10.0	0.19	[illegible].7	1.6	B	0
338	75	221	22	21	21.83	32.675	116.[illegible]06	1[illegible].64	2.[illegible]	24	156	10.0	0.42	2.0	1.5	C	0
339	75	223	11	33	53.79	34.537	116.498	1.[illegible]6	2.[illegible]	11	151	21.0	0.15	1.0	186.4	B	0
340	75	223	11	51	50.75	34.116	116.429	4.47	1.[illegible]	13	[illegible]5	14.0	0.19	[illegible].5	0.9	A	0
341	75	223	14	59	31.11	33.996	116.379	.64	1.[illegible]	9	157	24.[illegible]	0.14	[illegible].9	12.7	B	0
342	75	224	9	54	4.47	34.257	117.[illegible]52	[illegible].00	2.[illegible]	21	67	19.0	0.37	1.3	4.1	B	0
343	75	224	16	2[illegible]	3.94	34.328	118.[illegible]12	[illegible].15	2.[illegible]	26	62	10.0	0.[illegible]	1.2	1.6	B	0
344	75	225	14	52	33.02	32.584	115.477	16.6[illegible]	3.[illegible]	27	199	18.0	0.[illegible]	3.1	3.9	B	0
345	75	226	1	36	19.77	35.808	117.730	4.33	2.[illegible]	7	189	12.0	0.13	4.2	3.3	C	0
346	75	226	19	1	39.[illegible]	32.913	113.310	3.19	2.[illegible]	7	197	23.0	0.49	14.8	21.3	C	0
347	75	227	3	22	54.32	33.956	116.[illegible]16	[illegible].99	2.2[illegible]	13	54	23.0	0.19	1.1	1.1	A	0
348	75	227	8	30	36.53	32.947	115.[illegible]	12.17	1.[illegible]	6	15[illegible]	9.0	0.16	2.8	6.0	C	0
349	75	227	12	47	34.79	34.[illegible]23	118.482	4.55	2.[illegible]	22	1[illegible]	10.0	0.55	1.6	3.8	B	0
350	75	227	15	3	3.53	34.940	116.[illegible]36	4.83	2.[illegible]	11	177	40.0	0.68	2.9	9.6	B	0
351	75	228	21	2[illegible]	2.72	35.136	117.976	2.05	2.[illegible]	8	146	35.0	0.41	2.3	5.7	B	0
352	75	229	21	3[illegible]	53.[illegible]	36.134	117.[illegible]26	5.68	2.[illegible]	9	16[illegible]	41.0	0.3[illegible]	1.4	4.3	B	0
353	75	229	5	24	59.1[illegible]	35.[illegible]03	118.[illegible]57	8.00	2.5[illegible]	9	123	43.0	0.15	0.6	2.0	B	0
354	75	229	19	59	9.55	34.[illegible]16	117.[illegible]15	14.12	2.[illegible]	20	72	9.0	0.29	1.[illegible]	1.2	A	0
355	75	229	2[illegible]	49	16.99	32.662	115.[illegible]8	15.35	2.2[illegible]	6	170	17.0	0.17	2.4	2.4	C	0
356	75	230	7	29	39.35	32.769	115.465	1[illegible].58	2.[illegible]	21	135	9.0	0.23	1.[illegible]	1.0	B	0
357	75	230	7	35	39.44	34.[illegible]92	116.[illegible]79	2.39	2.4[illegible]	19	83	35.0	0.35	1.[illegible]	17.0	A	0
358	75	231	17	1	1.[illegible]	33.426	116.441	1.53	2.4	25	59	40.0	0.17	0.5	17.9	A	0
359	75	231	17	7	43.64	35.277	118.[illegible]2	[illegible].33	[illegible]	16	135	44.0	0.59	2.1	4.3	B	0
360	75	231	21	31	41.[illegible]5	34.242	117.[illegible]47	7.29	2.[illegible]	14	75	27.0	0.27	1.1	4.[illegible]	B	0
361	75	231	21	56	1[illegible].5[illegible]	3[illegible].284	118.[illegible]46	[illegible]	[illegible]	15	71	16.0	0.39	1.3	4.0	B	0

N	YYYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	7510 1	10	13	14.87	34.403	116.820	0.58	2.40	22	114	30.0	0.36	1.6	9.5	B	0
2	7510 1	17	1	2.13	32.906	115.507	8.14	1.90	8	140	8.0	0.27	3.1	4.1	C	0
3	7510 2	15	51	41.42	34.008	116.855	17.60	1.80	13	85	12.0	0.17	0.9	1.4	A	0
4	7510 3	0	3	2.91	33.504	116.461	8.00	2.40	26	70	33.0	0.35	1.0	3.8	A	C
5	7510 3	11	4	47.94	32.991	115.936	12.50	2.50	15	157	77.0	0.55	3.0	5.6	B	0
6	7510 3	11	23	13.26	33.022	115.942	12.00	2.60	15	153	78.0	0.36	1.9	3.5	B	0
7	7510 3	11	37	19.15	33.046	115.945	8.00	2.30	13	150	79.0	0.29	1.5	3.5	B	0
8	7510 3	11	58	0.08	33.074	115.959	0.23	1.90	10	167	18.0	0.30	2.3	384.6	C	0
9	7510 4	3	17	53.61	34.990	116.879	6.52	2.20	19	131	35.0	0.74	2.1	5.8	B	0
10	7510 4	9	53	12.28	37.391	118.938	5.72	3.10	9	96	73.0	0.24	1.6	4.7	B	0
11	7510 4	10	23	53.98	35.592	118.475	11.10	2.30	10	195	8.0	0.52	4.0	3.0	B	0
12	7510 4	11	6	7.35	32.947	115.842	8.59	1.70	9	144	2.0	0.16	1.2	1.5	C	0
13	7510 4	11	55	28.34	33.418	116.527	8.00	2.60	13	159	32.0	0.50	2.3	11.9	B	0
14	7510 5	15	10	12.38	34.081	118.853	8.00	2.60	11	220	32.0	0.30	3.2	5.6	B	0
15	7510 5	17	28	2.86	34.210	116.986	9.31	2.80	38	55	14.0	0.26	0.6	1.3	A	0
16	7510 5	19	8	53.51	36.601	118.007	8.00	2.90	9	164	19.0	0.16	1.3	2.0	B	0
17	7510 6	12	38	33.05	33.878	118.365	9.52	2.70	18	172	27.0	0.50	2.9	5.7	B	0
18	7510 6	12	55	39.29	33.895	118.354	9.48	2.50	19	170	25.0	0.45	2.2	4.3	B	0
19	7510 6	13	4	38.23	32.718	115.411	16.96	2.20	16	155	16.0	0.25	1.5	1.0	C	0
20	7510 6	23	53	59.42	34.297	116.865	3.29	2.00	15	107	24.0	0.19	0.9	1.9	A	0
21	7510 7	3	10	14.72	33.237	115.667	0.42	1.60	8	167	8.0	0.20	1.6	283.8	C	0
22	7510 7	15	23	17.53	34.515	116.457	8.00	2.60	19	160	59.0	0.61	1.9	4.3	B	0
23	7510 7	21	12	45.40	37.632	118.848	1.36	4.00	8	110	84.0	0.69	2.8	8.2	B	0
24	7510 7	23	33	28.27	33.935	118.374	4.80	2.60	12	143	20.0	0.19	1.9	85.8	B	C
25	7510 8	1	30	32.68	34.377	116.972	0.99	1.70	9	105	27.0	0.13	0.5	1.0	A	0
26	7510 8	1	32	1.46	33.902	116.179	3.45	1.80	11	137	25.0	0.19	1.2	22.3	C	C
27	7510 8	12	0	43.82	33.982	117.177	11.60	1.50	8	138	8.0	0.12	1.1	1.3	B	0
28	7510 8	14	9	51.73	34.017	116.408	3.20	1.50	9	113	23.0	0.10	0.6	16.2	A	0
29	7510 8	22	8	9.81	35.783	117.582	0.48	1.90	5	147	4.0	0.25	4.8	10.7	B	0
30	7510 9	10	42	49.11	34.304	116.849	1.73	1.80	12	95	25.0	0.09	0.5	0.9	A	0
31	751010	8	30	28.35	33.987	117.000	16.30	1.70	7	146	8.0	0.11	1.3	1.4	B	C
32	751010	10	55	26.96	34.100	118.094	5.42	1.80	10	124	9.0	0.28	1.6	1.6	B	0
33	751010	11	55	29.34	34.095	118.107	4.35	1.60	6	173	8.0	0.11	0.8	1.0	A	0
34	751010	13	25	40.71	32.895	115.532	16.02	1.40	6	118	28.0	0.10	1.3	1.8	B	C
35	751010	21	8	35.59	34.333	116.862	0.08	2.10	15	75	28.0	0.15	0.6	1.1	A	0
36	751011	2	5	27.80	33.870	116.853	11.30	1.90	14	74	23.0	0.18	0.8	1.8	A	0
37	751011	16	55	1.24	34.092	118.088	4.46	3.10	32	116	10.0	0.26	0.7	0.9	A	0
38	751011	17	39	21.16	34.544	116.430	8.38	1.60	12	152	17.0	0.20	1.3	4.8	C	0
39	751011	19	12	52.41	34.108	118.087	5.39	2.30	17	118	9.0	0.28	1.0	1.0	A	0
40	751012	0	4	7.60	34.108	118.103	4.56	1.90	9	125	8.0	0.15	0.8	0.7	A	0
41	751012	12	7	4.28	32.849	115.479	11.59	1.70	12	90	4.0	0.27	1.5	1.9	B	0
42	751012	17	4	57.79	33.886	116.211	5.00	1.80	11	139	28.0	0.16	0.9	2.1	B	C
43	751013	0	21	48.55	34.161	117.037	3.68	1.80	11	86	12.0	0.16	0.8	1.0	A	0
44	751013	12	43	24.54	33.889	116.206	5.00	1.80	12	139	28.0	0.17	0.9	2.2	B	0
45	751013	13	30	10.96	34.109	118.056	3.28	1.90	7	136	11.0	0.34	2.5	4.5	B	0
46	751014	5	0	9.89	32.781	115.444	15.26	1.90	9	146	26.0	0.13	1.2	1.1	C	0
47	751014	7	22	3.34	34.109	117.733	1.70	2.20	25	60	29.0	0.32	1.1	2.5	B	0
48	751014	10	13	7.63	33.057	116.446	13.20	3.40	16	117	47.0	0.22	1.2	2.1	B	0
49	751014	11	11	19.43	33.063	116.474	15.90	3.40	18	60	46.0	0.19	0.8	17.0	A	0
50	751014	21	17	19.63	34.342	116.899	4.37	2.00	13	95	28.0	0.19	0.9	999.9	B	0
51	751015	2	52	52.45	33.917	116.737	8.00	2.20	18	62	11.0	0.14	0.5	2.1	A	0
52	751015	3	5	59.06	33.993	116.612	15.30	1.80	9	78	4.0	0.12	0.8	1.0	A	0
53	751015	6	49	9.29	33.918	116.734	11.30	1.90	14	108	11.0	0.13	0.7	1.2	A	0
54	751015	16	6	33.08	33.826	116.463	5.00	1.50	8	157	8.0	0.18	1.6	4.3	C	0
55	751015	18	58	30.18	35.805	117.577	3.56	2.20	5	182	2.0	0.15	3.4	2.3	B	0
56	751016	8	43	12.37	32.780	115.459	13.90	1.30	6	145	9.0	0.25	3.6	3.8	C	C
57	751016	19	55	42.68	35.781	117.594	1.46	2.20	7	130	4.0	0.09	0.9	1.5	A	0
58	751017	1	17	9.17	33.502	116.461	12.60	2.10	14	156	33.0	0.21	1.4	2.5	B	0

59	751017	11	8	21.00	33.553	116.797	5.40	1.80	13	119	23.0	0.15	0.8	12.8	A	C	
60	751017	11	33	36.51	34.002	116.658	12.90	1.50	7	146	1.0	0.14	1.3	2.0	B	0	
61	751017	18	24	12.83	35.665	118.137	3.50	2.80	12	92	30.0	0.54	2.0	5.9	B	0	
62	751018	0	8	49.00	34.136	116.781	8.00	1.70	16	92	15.0	0.24	1.0	3.5	A	0	
63	751018	8	53	12.62	34.118	115.779	6.94	1.50	7	106	15.0	0.08	0.7	3.5	A	C	
64	751018	13	32	53.97	33.514	116.596	9.45	2.20	12	153	30.0	0.11	0.8	1.1	B	0	
65	751018	19	33	51.42	34.240	116.325	2.84	1.70	9	144	15.0	0.13	0.9	16.9	B	0	
66	751019	1	1	41.78	33.993	116.687	9.76	2.20	17	95	3.0	0.19	0.8	1.3	A	0	
67	751019	4	55	9.57	34.034	117.169	14.40	1.50	9	153	5.0	0.15	1.2	1.2	B	0	
68	751020	5	54	29.00	33.915	116.176	6.49	2.50	11	98	24.0	0.48	3.2	10.8	B	0	
69	751021	9	15	51.93	33.957	116.413	15.00	3.70	23	78	38.0	0.54	1.8	4.5	B	0	
70	751021	16	38	21.58	33.079	117.979	20.00	2.70	14	148	54.0	0.31	1.8	7.9	B	0	
71	751021	17	57	57.28	33.073	116.469	15.30	2.40	12	126	48.0	0.55	2.2	3.3	B	0	
72	751021	21	14	17.13	34.343	116.855	3.19	1.90	13	115	29.0	0.32	1.6	999.9	B	0	
73	751021	23	20	2.17	34.241	117.065	5.29	1.70	16	76	15.0	0.22	0.9	27.4	A	0	
74	751022	2	53	14.66	34.101	116.814	3.99	2.00	15	84	11.0	0.19	0.9	1.6	A	0	
75	751022	14	17	30.27	33.873	117.120	8.30	1.70	10	95	4.0	0.18	1.2	1.8	B	0	
76	751023	5	46	12.61	35.728	118.054	8.00	2.60	12	177	39.0	0.47	6.4	12.9	C	0	
77	751023	22	14	2.36	34.434	118.415	9.03	3.10	18	59	5.0	0.21	0.9	1.3	A	0	
78	751023	22	21	17.97	34.627	117.122	0.47	2.40	13	105	42.0	0.25	0.9	4.5	A	0	
79	751023	23	33	3.73	34.042	116.276	3.69	1.70	8	157	14.0	0.09	0.6	5.1	B	0	
80	751024	0	55	55.71	34.205	116.965	8.90	2.10	22	83	14.0	0.20	0.7	2.6	A	0	
81	751026	7	43	38.30	35.588	118.577	2.55	2.70	14	158	13.0	0.66	3.1	2.8	B	0	
82	751026	17	47	38.26	33.791	116.134	10.44	1.50	9	210	17.0	0.09	1.1	1.4	C	0	
83	751026	18	56	39.58	33.982	116.843	15.20	1.70	6	122	15.0	0.09	1.1	1.4	B	0	
84	751027	12	14	33.50	33.887	116.732	8.81	2.20	20	43	20.0	0.16	0.6	2.4	A	0	
85	751027	12	37	6.86	33.679	117.435	8.30	2.60	19	96	18.0	0.25	0.9	2.4	A	0	
86	751028	22	30	41.50	34.344	116.888	3.91	1.90	12	101	32.0	0.19	0.9	999.9	A	0	
87	751027	23	50	36.13	33.016	116.046	1.48	2.10	9	199	16.0	0.13	1.4	6.6	C	0	
88	751029	1	34	38.00	35.561	118.533	2.06	2.70	18	140	13.0	0.61	2.3	2.5	B	0	
89	751029	12	28	35.61	34.037	117.223	13.90	2.80	30	44	11.0	0.20	0.6	0.6	A	0	
90	751029	13	41	59.76	34.194	116.162	12.96	1.50	10	121	5.0	0.15	1.0	1.6	A	C	
91	751030	10	33	4.74	34.037	116.446	7.16	1.30	9	84	20.0	0.08	0.6	0.9	A	0	
92	751031	10	42	10.86	33.723	116.847	14.60	2.30	11	92	20.0	0.13	0.8	1.2	A	0	
93	751031	11	13	9.06	34.053	117.264	13.20	2.30	16	87	12.0	0.21	1.0	1.0	A	0	
94	7511 1	13	29	55.72	32.851	115.409	5.00	1.70	13	125	2.0	0.30	1.5	2.6	B	0	
95	7511 2	10	14	8.38	32.980	116.265	12.60	2.30	10	142	51.0	0.52	4.5	13.0	B	0	
96	7511 2	10	35	41.98	32.987	115.567	14.84	1.60	11	72	10.0	0.16	1.0	1.3	A	0	
97	7511 2	21	37	49.89	33.949	117.213	10.20	1.60	9	146	8.0	0.14	1.1	1.8	B	0	
98	7511 2	21	40	57.49	33.131	117.413	5.25	2.70	26	127	40.0	0.35	1.2	11.6	B	0	
99	7511 2	23	47	40.24	33.688	116.800	10.70	2.10	12	94	15.0	0.20	1.1	2.3	B	0	
100	7511 5	2	37	19.79	34.161	117.373	7.20	3.00	38	38	6.0	0.37	0.8	1.9	A	0	
101	7511 5	4	0	6.20	35.798	118.047	11.20	2.50	10	109	41.0	0.43	1.9	4.7	B	0	
102	7511 5	4	41	4.53	34.018	116.741	9.30	2.00	27	60	8.0	0.20	0.6	1.4	A	0	
103	7511 5	12	23	15.36	34.536	115.826	2.24	2.90	6	216	52.0	0.39	1.5	9.4	B	C	
104	7511 5	12	45	35.65	34.538	115.807	9.13	1.80	5	156	14.0	0.01	0.2	0.6	B	0	
105	7511 5	12	50	44.67	34.539	115.809	9.72	1.80	6	157	14.0	0.06	0.8	2.4	B	0	
106	7511 5	17	8	18.33	34.014	116.740	9.77	1.60	12	134	8.0	0.16	1.0	1.9	A	C	
107	7511 6	9	58	55.44	33.980	116.315	5.00	2.10	18	108	12.0	0.17	0.7	1.3	A	0	
108	7511 6	15	29	5.40	33.141	117.419	8.00	2.10	5	204	18.0	0.32	6.5	13.7	C	0	
109	7511 6	21	13	1.47	34.294	116.040	10.72	1.70	8	164	21.0	0.06	0.6	2.1	B	0	
110	7511 7	2	19	4.74	34.291	116.039	8.52	1.50	8	162	20.0	0.05	0.6	2.5	B	0	
111	7511 7	5	27	38.81	33.006	116.262	2.01	1.60	11	157	30.0	0.21	1.3	2.9	C	0	
112	7511 7	6	12	21.83	33.962	116.403	5.00	1.40	10	114	19.0	0.17	1.0	10.9	A	0	
113	7511 7	12	3	10.27	32.721	115.423	13.80	1.20	12	152	12.0	0.23	1.5	1.4	C	0	
114	7511 7	13	30	36.19	32.728	115.434	13.94	1.90	17	149	11.0	0.20	1.1	0.8	C	0	
115	7511 7	16	29	6.35	32.723	115.416	13.32	2.30	17	151	13.0	0.45	2.5	2.1	C	C	
116	7511 7	16	32	44.90	32.738	115.438	14.56	2.00	13	149	11.0	0.29	1.9	1.3	C	0	
117	7511 7	18	4	41.12	32.719	115.436	14.52	2.00	14	165	11.0	0.17	1.3	0.8	C	0	
118	7511 7	22	10	45.85	34.439	116.466	8.39	3.30	21	152	53.0	0.46	1.3	2.8	B	0	
119	7511 8	6	12	29.83	34.005	117.222	12.00	1.80	5	165	11.0	0.06	1.0	2.4	B	C	
120	7511 8	13	18	48.87	32.726	115.438	14.98	1.70	15	163	11.0	0.17	1.1	0.8	C	0	

	7511 9	3	5	30.45	33.302	116.767	14.40	2.10	19	87	11.0	0.31	1.3	1.4	B	0
	7511 9	15	28	47.78	34.147	117.356	7.21	1.50	8	180	6.0	0.11	1.3	2.6	B	0
	7511 9	19	50	21.69	34.012	116.760	12.60	2.10	17	105	10.0	0.24	1.1	1.8	A	0
	751111	15	36	27.31	32.905	115.492	12.52	2.10	7	93	7.0	0.05	0.6	0.6	A	0
	751112	0	52	36.20	34.343	116.886	2.10	0.0	18	62	32.0	0.20	0.7	2.6	A	0
	751113	0	44	20.11	33.929	115.806	10.58	1.80	11	138	5.0	0.14	0.9	1.0	B	0
	751113	0	46	58.61	33.921	115.808	8.42	1.80	13	116	6.0	0.18	0.9	1.3	A	0
	751113	6	48	19.03	33.735	116.839	11.40	1.70	11	68	20.0	0.18	0.9	3.5	A	0
	751113	14	50	30.79	33.352	116.304	12.00	2.30	22	52	46.0	0.22	0.7	1.4	A	0
	751114	2	43	53.63	32.965	115.506	13.08	0.70	7	101	9.0	0.07	0.8	1.7	A	0
	751114	4	4	23.76	32.959	115.511	10.26	1.30	6	101	10.0	0.02	0.3	0.8	A	0
	751114	5	1	42.58	34.016	117.230	13.20	1.80	17	115	11.0	0.17	0.7	1.0	A	0
	751114	5	16	13.71	32.939	115.468	8.30	2.40	5	177	63.0	0.29	0.9	3.0	B	0
	751114	5	21	20.18	32.856	115.511	8.00	2.20	6	189	68.0	0.35	29.4	41.3	D	0
	751114	9	33	8.31	34.451	116.054	5.28	2.90	14	180	38.0	0.49	2.5	4.7	B	0
	751114	9	35	52.55	34.481	116.023	0.48	2.10	19	85	26.0	0.18	0.6	4.1	A	0
	751114	9	44	15.84	34.464	116.033	8.22	2.60	12	182	40.0	0.63	4.3	9.6	B	0
	751114	10	6	25.30	34.474	116.033	6.75	2.80	14	182	41.0	0.53	2.4	4.7	B	0
	751114	17	13	28.24	32.889	115.484	14.13	1.90	7	96	5.0	0.35	4.4	4.3	B	0
	751114	17	57	5.72	32.854	115.522	0.30	1.80	6	136	8.0	0.45	4.5	772.7	C	0
	751115	2	56	26.29	33.956	117.220	10.40	1.70	16	119	9.0	0.17	0.8	1.1	A	0
	751115	6	10	50.88	34.488	116.032	1.74	1.80	8	170	9.0	0.06	0.5	89.3	D	0
	751115	6	11	33.69	34.497	116.034	0.87	1.70	7	171	9.0	0.21	2.0	317.5	C	0
	751115	6	13	27.62	34.304	116.341	5.79	4.60	11	129	14.0	0.10	0.6	15.4		0
	751115	6	17	30.14	34.298	116.339	0.23	2.30	21	75	14.0	0.18	0.5	5.6	A	0
	751115	6	19	22.62	34.300	116.341	5.00	1.90	14	76	14.0	0.11	0.5	4.3	A	0
	751115	6	20	46.93	34.295	116.358	11.60	3.20	20	146	35.0	0.68	2.4	5.7	B	0
	751115	6	28	3.47	34.255	116.358	5.00	1.70	11	118	18.0	0.48	3.4	9.9	B	0
	751115	6	41	12.17	34.287	116.344	0.59	1.80	17	75	16.0	0.29	1.1	11.6	B	0
	751115	6	47	29.75	34.299	116.331	6.98	0.0	26	73	14.0	0.18	0.6	1.5	A	0
	751115	7	5	28.61	34.275	116.334	9.56	1.00	5	225	18.0	0.06	2.9	1.4	C	0
	751115	7	8	37.76	34.272	116.333	12.80	2.70	21	146	32.0	0.47	1.5	2.5	B	0
	751115	7	43	48.36	34.259	116.356	8.00	3.30	19	141	33.0	0.53	1.6	4.1	B	0
	751115	7	53	51.73	34.304	116.343	8.49	2.00	18	77	14.0	0.15	0.6	0.8	A	C
	751115	8	6	2.34	34.291	116.350	8.34	1.70	12	77	15.0	0.14	0.7	1.2	A	C
	751115	8	35	5.98	34.283	116.362	7.75	1.90	14	111	20.0	0.22	1.2	1.6	B	0
	751115	8	40	32.85	34.309	116.339	1.49	1.10	7	167	21.0	0.07	0.7	104.4	B	0
	751115	8	52	10.45	34.287	116.343	7.42	2.20	22	75	16.0	0.52	1.7	3.2	B	0
	751115	9	4	37.16	34.477	116.333	0.61	1.20	5	204	36.0	0.31	6.0	685.1	C	0
	751115	9	29	20.24	34.264	116.360	10.88	1.00	7	155	20.0	0.08	0.8	1.4	B	0
	751115	11	13	11.70	34.309	116.330	0.86	1.70	10	115	25.0	0.09	0.5	9.2	A	0
	751115	12	44	51.00	34.206	116.372	5.00	1.60	9	135	18.0	0.46	3.2	33.1	C	0
	751115	13	36	45.17	34.282	116.349	1.06	1.90	14	111	22.0	0.44	2.0	20.6	B	0
	751115	14	4	24.45	34.296	116.334	0.67	1.50	9	113	24.0	0.13	0.9	174.1	A	0
	751115	19	13	19.51	34.303	116.343	8.32	2.00	9	129	14.0	0.10	0.6	0.7	A	C
	751115	20	56	41.84	34.315	116.343	9.86	2.10	9	169	22.0	0.07	0.6	1.2	B	0
	751115	21	9	1.40	34.295	116.355	8.00	2.70	21	147	35.0	0.71	2.1	5.1	B	0
	751116	2	7	20.04	34.330	116.329	7.29	1.70	7	220	23.0	0.03	0.9	0.8	B	0
	751116	2	23	21.53	34.282	116.352	9.56	1.70	11	125	16.0	0.22	1.4	1.5	B	0
	751116	2	24	21.57	34.306	116.332	7.97	1.40	6	214	21.0	0.02	0.6	0.6	B	C
	751116	4	47	58.88	34.311	116.334	7.99	2.20	21	76	13.0	0.16	0.6	0.8	A	0
	751116	7	28	39.50	34.305	116.337	8.46	2.00	15	114	1.0	0.07	0.4	0.3	A	0
	751116	7	29	11.72	34.299	116.337	7.13	1.50	6	177	1.0	0.02	0.8	0.7	B	C
	751116	9	13	53.30	34.309	116.335	7.93	1.10	5	224	1.0	0.04	1.7	1.4	C	0
	751116	18	21	4.52	34.304	116.340	8.04	1.50	12	117	1.0	0.11	0.7	0.7	A	0
	751116	23	28	46.05	34.459	116.539	1.25	2.90	20	146	60.0	0.53	1.4	3.8		0
	751116	23	47	9.96	34.541	116.500	1.48	2.20	12	159	21.0	0.20	1.6	239.9	C	0
	751117	11	49	28.51	34.258	116.355	2.79	1.30	9	116	5.0	0.16	1.5	10.1	B	0
	751117	12	7	41.24	34.034	117.256	17.40	1.50	7	191	13.0	0.14	2.8	2.4	B	0
	751117	13	4	11.03	34.297	116.343	7.79	1.80	9	85	1.0	0.22	1.6	2.0	B	0
	751117	13	20	48.57	33.969	116.755	15.40	1.60	9	110	10.0	0.15	1.0	1.1	A	0
	751117	20	57	12.81	34.309	116.337	8.17	1.00	6	225	1.0	0.06	1.8	0.8	C	0

183	751118	4	53	59.80	34.210	116.966	10.70	1.90	15	102	21.0	0.19	0.9	5.4	A	0	
184	751118	16	4	45.02	34.033	117.587	5.02	3.00	23	53	20.0	0.35	1.1	25.8	A	0	
185	751118	18	22	30.27	34.260	116.371	8.00	3.10	20	139	34.0	0.75	2.3	5.8	B	0	
186	751119	3	13	2.24	34.305	116.337	5.61	1.60	7	190	21.0	0.05	0.6	3.0	B	0	
187	751119	12	3	15.79	34.298	116.334	9.35	2.20	17	76	14.0	0.12	0.5	1.0	A	0	
188	751121	5	6	49.69	34.264	116.343	0.62	1.50	10	147	18.0	0.28	2.1	13.9	C	0	
189	751121	5	7	4.38	34.319	116.360	4.03	2.90	20	150	37.0	0.75	2.2	5.6	B	0	
190	751121	23	35	28.03	33.959	117.245	11.50	2.20	21	60	11.0	0.19	0.7	1.0	A	0	
191	751122	14	47	28.89	34.313	116.275	0.92	2.50	24	91	14.0	0.44	1.5	2.4	B	0	
192	751122	17	5	21.44	33.764	116.021	5.00	1.40	8	205	24.0	0.16	2.1	15.4	C	0	
193	751122	17	45	35.02	33.776	116.013	5.00	1.90	12	129	24.0	0.14	0.9	2.9	A	0	
194	751122	19	11	45.04	34.287	116.361	4.25	2.80	17	145	35.0	0.50	1.5	3.8	B	0	
195	751122	19	21	47.51	33.784	116.007	2.53	1.50	8	202	24.0	0.10	1.2	146.0	C	C	
196	751123	3	5	16.16	33.067	115.574	12.13	0.0	10	114	8.0	0.15	0.9	1.5	A	0	
197	751123	4	50	53.04	34.840	116.958	14.60	2.50	24	136	37.0	0.47	2.0	2.6	B	0	
198	751123	9	7	27.27	33.761	116.017	2.31	2.00	22	117	25.0	0.23	0.8	1.7	A	0	
199	751123	21	13	49.07	34.407	116.373	8.00	2.80	34	25	25.0	0.56	1.5	3.9	B	0	
200	751124	6	36	6.78	33.531	116.486	5.33	1.70	9	209	20.0	0.12	1.3	999.9	B	0	
201	751124	11	35	44.02	33.885	116.160	4.37	1.80	10	166	6.0	0.20	1.5	3.9	C	0	
202	751124	17	31	49.16	32.906	116.279	8.00	2.70	11	188	33.0	0.23	1.3	6.8	B	0	
203	751125	5	35	13.92	33.987	116.389	21.10	1.60	8	140	13.0	0.07	0.7	1.2	A	0	
204	751125	9	25	12.29	34.001	116.662	15.50	1.70	13	53	1.0	0.11	0.5	0.6	A	0	
205	751125	12	49	20.74	34.530	116.503	5.00	2.40	15	150	21.0	0.26	1.3	12.7	C	0	
206	751125	16	1	27.95	35.365	118.634	8.00	2.20	12	150	36.0	0.68	3.1	6.8	B	0	
207	751126	6	32	27.76	34.284	116.346	6.33	2.90	16	146	34.0	0.47	1.6	5.6	B	0	
208	751126	6	36	42.30	34.296	116.340	9.07	1.70	12	75	15.0	0.11	0.5	1.9	A	0	
209	751126	11	21	39.03	34.472	116.355	12.81	1.10	7	139	8.0	0.45	4.2	6.6	C	0	
210	751128	14	30	56.06	34.302	116.335	5.00	2.00	9	125	14.0	0.15	1.5	11.6	B	0	
211	751128	15	14	21.22	34.507	115.808	5.00	1.60	7	130	12.0	0.13	1.2	7.7	B	0	
212	751129	8	17	2.17	37.533	118.472	3.13	3.10	7	142	57.0	0.49	4.5	12.9	B	0	
213	751129	11	44	15.85	33.496	116.499	8.00	3.20	40	61	21.0	0.31	0.8	2.2	A	0	
214	751129	17	6	41.61	32.640	115.582	12.52	1.60	13	68	10.0	0.35	2.0	2.0	B	0	
215	751129	17	46	47.07	34.299	116.345	0.45	2.20	20	77	14.0	0.25	0.9	9.4	A	0	
216	751129	19	41	33.10	33.200	116.072	5.00	2.20	13	138	35.0	0.20	1.2	1.9	C	0	
217	751130	0	14	30.06	34.050	117.268	14.80	2.50	31	56	12.0	0.24	0.7	0.7	A	0	
218	751130	10	19	1.58	33.970	116.594	11.20	2.70	17	128	53.0	0.56	1.6	3.3	B	0	
219	751130	16	22	26.39	34.295	116.346	1.79	1.80	11	128	15.0	0.23	1.1	290.1	B	0	
220	751130	23	19	27.86	32.863	116.259	10.69	1.90	12	122	27.0	0.19	1.3	1.3	B	0	
221	751130	23	24	13.63	32.696	116.412	17.71	1.60	8	169	13.0	0.69	7.4	14.3	C	0	
222	7512 1	1	26	39.64	34.347	116.397	5.00	1.70	8	175	12.0	0.04	0.4	0.6	B	0	
223	7512 1	5	25	36.58	32.996	116.262	2.99	2.20	18	101	30.0	0.22	0.8	1.9	A	0	
224	7512 1	6	52	44.94	32.785	116.412	18.06	2.00	13	116	14.0	0.25	1.6	1.2	B	0	
225	7512 2	9	46	19.56	34.302	117.072	10.60	1.70	16	78	8.0	0.21	0.8	2.1	A	0	
226	7512 2	22	30	41.24	34.337	116.390	0.45	1.90	14	108	6.0	0.17	0.7	1.2	A	0	
227	7512 3	1	10	26.95	33.929	118.065	8.00	2.40	15	130	26.0	0.27	1.5	3.9	B	0	
228	7512 3	3	33	1.01	34.213	117.006	9.44	1.60	21	52	5.0	0.19	0.6	1.6	A	0	
229	7512 3	4	20	19.47	34.052	116.970	17.80	1.50	11	90	13.0	0.12	0.8	1.6	A	0	
230	7512 3	6	7	59.14	34.304	116.334	8.28	2.00	21	74	14.0	0.10	0.4	0.6	A	0	
231	7512 3	9	51	39.21	34.131	117.506	4.56	1.90	18	180	18.0	0.23	1.0	1.2	A	0	
232	7512 3	18	13	31.76	34.103	117.316	13.30	2.40	31	49	11.0	0.21	0.6	0.8	A	0	
233	7512 3	23	46	57.85	35.068	118.286	0.09	2.30	17	129	60.0	0.34	1.5	25.1	B	0	
234	7512 4	3	21	38.29	34.297	116.336	6.34	1.50	6	124	14.0	0.03	0.4	2.4	A	0	
235	7512 4	6	57	21.36	32.776	115.584	14.41	2.50	14	72	3.0	0.22	1.4	1.0	B	0	
236	7512 4	7	32	21.26	34.305	116.335	8.93	1.80	8	126	14.0	0.08	0.7	2.6	A	0	
237	7512 4	8	54	35.25	34.447	116.941	2.15	1.70	12	123	15.0	0.21	1.0	1.5	A	0	
238	7512 4	9	4	17.79	34.305	116.333	5.00	1.80	6	125	14.0	0.01	0.1	1.3	A	0	
239	7512 4	18	34	30.50	33.649	116.845	8.00	2.40	15	171	18.0	0.40	2.2	4.4	B	0	
240	7512 5	8	4	31.70	32.987	115.825	1.93	1.10	5	193	3.0	0.21	3.8	473.0	C	0	
241	7512 5	16	16	5.80	34.105	116.444	13.10	0.0	7	159	17.0	0.06	0.6	1.5	B	0	
242	7512 5	16	26	57.17	34.102	116.446	12.15	1.30	9	106	17.0	0.07	0.5	1.5	A	0	
243	7512 5	17	54	46.85	34.292	116.335	1.87	1.50	7	122	15.0	0.17	1.4	260.1	B	0	
244	7512 5	19	21	38.68	34.343	116.359	0.41	1.80	19	113	3.0	0.21	0.6	1.0	A	0	

245	7512 5	23	34	54.60	32.920	115.539	10.98	2.20	11	87	3.0	0.18	1.1	1.8	B	0	
246	7512 6	1	11	13.74	33.053	115.542	5.00	2.50	23	82	4.0	0.41	1.3	2.2	B	0	
247	7512 6	1	22	10.97	33.058	115.540	12.95	3.10	31	48	4.0	0.32	1.0	1.0	A	0	
248	7512 6	1	25	36.77	33.053	115.544	7.16	2.10	10	102	5.0	0.26	1.5	2.2	B	0	
249	7512 6	2	25	2.89	34.294	116.342	2.69	1.10	5	126	15.0	0.03	0.1	4.5	A	0	
250	7512 6	10	53	48.54	33.919	116.983	16.40	1.50	8	111	2.0	0.07	0.6	0.8	B	0	
251	7512 6	12	6	17.50	33.993	116.630	11.70	1.50	9	86	2.0	0.07	0.5	0.9	A	0	
252	7512 6	16	43	51.01	33.958	116.588	9.11	1.50	16	75	7.0	0.09	0.4	1.1	A	0	
253	7512 7	14	37	14.99	33.811	117.044	15.90	1.70	13	81	8.0	0.18	1.2	1.0	B	0	
254	7512 8	1	55	56.41	34.192	116.345	11.20	1.40	12	69	14.0	0.19	1.0	2.3	A	0	
255	7512 8	7	4	7.60	33.148	116.059	0.73	3.20	32	68	45.0	0.50	1.3	8.1	B	0	
256	7512 8	13	0	26.14	35.311	118.544	4.10	2.80	26	133	40.0	0.61	1.8	4.0	B	0	
257	7512 8	14	57	50.79	34.012	116.938	14.50	1.60	12	140	9.0	0.17	1.0	1.3	B	0	
258	7512 8	21	45	30.14	34.301	116.335	1.18	2.30	29	42	14.0	0.17	0.4	4.4	A	0	
259	7512 8	22	53	44.80	34.304	116.331	7.40	1.50	11	94	14.0	0.12	0.7	3.1	A	0	
260	7512 9	5	37	21.99	33.913	116.725	14.50	2.80	42	26	11.0	0.30	0.7	0.8	A	0	
261	7512 9	11	1	43.33	34.031	117.587	5.30	3.00	40	50	20.0	0.31	0.7	13.5	A	0	
262	7512 9	14	14	3.24	34.091	116.525	0.41	2.30	30	64	14.0	0.19	0.5	21.0	A	0	
263	7512 9	19	8	32.80	34.212	117.463	12.60	1.50	11	166	14.0	0.20	1.4	1.7	B	0	
264	751210	8	35	29.14	34.056	116.776	13.40	1.60	16	71	4.0	0.21	0.9	1.6	A	0	
265	751210	19	19	24.58	37.496	118.411	8.00	3.60	14	146	52.0	0.36	2.3	3.0	B	0	
266	751211	3	36	8.62	34.062	116.648	5.90	2.30	22	121	40.0	0.19	0.7	2.6	A	0	
267	751211	9	54	19.15	34.099	116.036	4.84	1.30	7	101	2.0	0.05	0.4	0.7	A	0	
268	751211	10	42	31.11	33.705	116.767	13.50	1.30	6	153	13.0	0.16	1.9	5.2	B	0	
269	751211	17	5	44.94	33.487	115.823	2.50	2.00	13	110	38.0	0.14	0.8	2.1	A	0	
270	751211	18	55	46.39	34.007	116.407	7.50	1.40	13	97	21.0	0.10	0.4	3.1	A	0	
271	751212	2	24	23.80	34.026	117.593	3.01	2.30	30	69	21.0	0.39	1.0	2.1	A	0	
272	751212	9	57	59.04	32.961	115.491	14.00	3.80	33	46	4.0	0.30	0.8	0.8	A	0	
273	751212	10	15	54.19	32.962	115.508	13.60	2.30	9	95	10.0	0.06	0.4	0.5	A	0	
274	751212	10	30	44.83	32.953	115.517	10.30	1.90	7	103	11.0	0.05	0.5	1.4	A	0	
275	751212	10	37	40.52	32.954	115.522	12.96	1.40	9	104	11.0	0.18	1.3	1.4	B	0	
276	751212	12	12	42.02	32.962	115.513	12.70	1.80	10	95	10.0	0.07	0.4	0.5	A	0	
277	751212	13	7	45.36	32.961	115.512	13.46	1.70	10	95	10.0	0.08	0.5	0.6	A	0	
278	751212	13	39	7.89	32.967	115.507	12.48	2.30	10	96	9.0	0.09	0.5	0.6	A	0	
279	751212	21	22	14.02	34.335	116.379	0.43	2.00	19	104	5.0	0.29	0.9	1.6	A	0	
280	751212	23	31	43.18	35.992	117.749	4.20	2.50	8	163	24.0	0.38	2.6	7.1	B	0	
281	751212	23	36	3.90	35.977	117.772	5.05	3.40	9	159	24.0	0.30	2.0	5.1	B	0	
282	751213	0	38	43.98	35.986	117.755	7.37	2.60	8	161	24.0	0.48	2.7	8.2	B	0	
283	751213	1	4	7.46	34.142	117.346	6.02	1.80	17	83	7.0	0.16	0.6	2.0	A	0	
284	751213	4	17	19.13	35.979	117.760	8.00	2.60	8	160	23.0	0.40	2.5	5.5	B	0	
285	751213	5	24	36.41	36.010	117.520	6.10	2.60	11	178	22.0	0.38	1.4	4.6	B	0	
286	751213	9	9	5.73	32.999	115.518	10.99	0.0	10	56	7.0	0.20	1.2	2.7	B	0	
287	751213	12	25	56.35	34.231	116.299	1.91	1.50	7	102	12.0	0.04	0.3	67.5	A	0	
288	751214	11	56	27.12	34.291	117.007	8.00	3.30	50	57	4.0	0.25	0.5	1.1	A	0	
289	751214	11	57	52.04	34.304	117.006	9.04	1.50	10	84	5.0	0.14	0.9	1.4	A	0	
290	751214	18	16	20.09	34.290	116.322	1.92	4.70	54	43	15.0	0.23	0.5	2.4	A	0	
291	751214	18	25	19.71	34.281	116.329	7.10	2.00	15	70	16.0	0.09	0.4	0.7	A	0	
292	751214	18	26	50.46	34.287	116.325	10.68	2.00	11	79	15.0	0.11	0.5	1.7	A	0	
293	751214	18	27	55.00	34.285	116.328	8.66	2.70	22	70	16.0	0.17	0.6	1.0	A	0	
294	751214	18	32	7.50	34.284	116.330	8.30	2.30	8	118	16.0	0.07	0.5	0.8	A	0	
295	751214	18	41	38.12	34.278	116.324	8.63	2.30	16	68	16.0	0.09	0.4	0.6	A	0	
296	751214	19	36	7.24	34.286	116.330	0.22	2.40	18	71	16.0	0.10	0.4	5.7	A	0	
297	751214	19	57	18.62	34.287	116.313	8.93	2.00	7	114	15.0	0.09	0.8	1.1	A	0	
298	751214	22	18	37.48	34.285	116.329	8.10	2.10	9	90	15.0	0.04	0.3	0.4	A	0	
299	751214	22	27	4.71	34.285	116.337	0.96	1.90	12	87	16.0	0.07	0.3	3.1	A	0	
300	751214	22	34	53.04	34.296	117.000	9.38	1.50	8	150	4.0	0.07	0.5	0.8	B	0	
301	751214	22	48	26.33	34.285	116.327	8.80	2.10	11	93	16.0	0.08	0.5	0.8	A	0	
302	751214	22	58	32.94	34.288	116.325	0.55	2.50	16	77	15.0	0.11	0.5	4.4	A	0	
303	751214	23	22	15.34	34.290	116.324	7.77	1.90	7	117	15.0	0.04	0.3	0.5	A	0	
304	751215	3	4	18.26	34.285	116.325	0.57	2.20	16	69	16.0	0.11	0.7	6.3	A	0	
305	751215	5	23	17.87	34.278	116.330	0.52	2.20	19	70	16.0	0.10	0.3	3.8	A	0	
306	751215	5	32	26.99	34.299	116.335	5.70	1.80	7	121	15.0	0.03	0.3	2.9	A	0	

307	751215	6	35	35.62	34.092	115.993	9.[illegible]	1.50	7	109	5.0	0.06	0.6	1.3	A	0	
308	751215	6	41	15.31	33.919	116.342	2.[illegible]	2.10	9	173	13.0	0.09	0.8	14.9	B	0	
309	751215	11	35	38.01	34.269	116.338	6.41	2.60	17	145	32.0	0.56	1.8	6.3	B	0	
310	751215	15	0	59.67	34.290	116.330	8.[illegible]	2.10	10	119	15.0	0.09	0.6	0.7	A	0	
311	751215	20	43	43.73	34.684	116.382	1.[illegible]	2.80	24	109	29.0	0.19	0.7	3.7	A	0	
312	751216	0	34	53.94	34.233	116.290	5.00	1.90	9	100	12.0	0.05	0.4	1.9	A	0	
313	751216	0	39	59.09	34.255	116.293	4.20	1.80	9	100	12.0	0.05	0.3	2.6	A	0	
314	751216	6	7	28.78	34.027	115.733	10.00	1.70	19	49	7.0	0.13	0.4	0.8	A	0	
315	751216	20	52	18.96	34.286	116.328	5.00	1.90	19	70	16.0	0.14	0.6	2.6	A	0	
316	751216	22	5	37.93	34.349	116.874	0.63	1.70	8	125	4.0	0.08	0.5	0.9	A	0	
317	751216	23	38	45.21	33.713	116.773	15.10	1.80	9	150	14.0	0.12	1.0	1.1	B	0	
318	751217	2	34	50.98	34.232	116.292	5.00	2.10	17	57	12.0	0.10	0.4	2.4	A	0	
319	751217	4	22	23.94	34.482	116.030	2.00	2.30	17	85	8.0	0.11	0.5	2.[illegible]	A	0	
320	751217	4	27	38.76	34.283	116.322	0.40	2.90	42	43	16.0	0.24	0.5	3.5	A	0	
321	751217	4	45	11.87	34.287	116.323	7.41	1.40	5	118	15.0	0.01	0.2	1.0	A	0	
322	751217	4	50	44.03	34.284	116.329	8.[illegible]	1.30	5	117	16.0	0.03	0.4	1.[illegible]	A	0	
323	751217	7	32	7.53	34.283	116.335	7.[illegible]	1.70	8	119	16.0	0.07	0.5	0.	A	0	
324	751217	9	2	42.14	34.286	116.323	5.[illegible]	1.50	8	117	15.0	0.03	0.2	1.	A	0	
325	751217	14	38	30.55	34.233	116.294	5.00	1.10	5	101	12.0	0.08	1.3	5.	B	0	
326	751217	20	40	20.48	34.342	116.362	0.51	2.30	20	113	3.0	0.20	0.6	1.	A	0	
327	751217	20	47	14.93	34.277	116.329	5.[illegible]	1.50	8	115	16.0	0.06	0.5	2.	A	0	
328	751218	0	44	10.37	34.275	116.327	5.00	1.60	8	114	17.0	0.08	0.6	4.	A	0	
329	751218	8	27	56.56	33.111	115.655	7.[illegible]	1.20	7	153	6.0	0.13	1.2	2.	C	0	
330	751218	11	18	19.30	33.612	116.832	11.[illegible]	1.30	6	224	17.0	0.23	4.4	11.	C	0	
331	751218	14	27	10.63	34.238	116.325	0.[illegible]	2.60	31	70	15.0	0.19	0.4	3.[illegible]	A	0	
332	751219	5	2	0.35	36.021	117.608	5.[illegible]	3.90	11	164	63.0	0.19	1.3	3.0	B	0	
333	751219	6	52	4.45	34.430	116.452	2.[illegible]	2.50	22	133	13.0	0.20	0.8	2.3	B	0	
334	751219	11	36	14.46	34.287	116.335	7.[illegible]	1.50	7	120	15.0	0.04	0.4	2.0	A	0	
335	751220	2	7	26.75	34.288	116.328	0.[illegible]	1.70	13	118	15.0	0.14	0.5	5.6	A	0	
336	751220	5	9	3.15	36.005	117.571	5.[illegible]	2.50	8	165	66.0	0.74	4.9	3.2	C	0	
337	751220	6	54	58.38	36.000	117.590	5.[illegible]	2.80	8	164	66.0	0.63	4.8	7.4	C	0	
338	751220	15	1	23.89	34.288	116.331	5.00	1.20	6	119	15.0	0.06	0.6	5.0	A	0	
339	751220	15	19	58.27	32.945	116.327	5.00	2.20	25	116	34.0	0.44	1.7	2.1	B	0	
340	751220	16	35	33.68	34.181	117.379	4.[illegible]	2.40	27	47	19.0	0.20	0.6	1.4	A	0	
341	751221	10	37	41.62	34.263	116.316	7.[illegible]	1.40	7	106	16.0	0.05	0.4	1.8	A	0	
342	751221	11	20	43.53	34.263	116.316	7.53	1.50	8	107	16.0	0.03	0.2	1.0	A	0	
343	751221	17	40	16.01	34.267	116.330	5.00	1.50	6	118	15.0	0.05	0.5	3.9	A	0	
344	751222	3	33	19.78	35.096	119.089	12.10	3.50	18	91	84.0	0.70	2.6	6.7	B	0	
345	751222	3	55	5.60	35.998	117.606	6.24	2.70	11	162	20.0	0.55	2.2	5.6	B	0	
346	751222	4	27	43.25	34.101	117.339	13.[illegible]	2.00	15	166	16.0	0.16	0.9	1.2	B	0	
347	751222	7	44	59.11	34.034	116.288	4.19	1.70	10	86	14.0	0.14	0.5	1.2	A	0	
348	751222	11	0	49.30	34.425	116.450	4.[illegible]	2.50	24	80	13.0	0.20	0.7	1.6	A	0	
349	751222	15	12	50.60	33.401	115.343	6.66	2.40	14	179	48.0	0.28	1.8	2.1	C	0	
350	751222	16	14	35.62	34.104	116.525	6.43	2.20	20	103	12.0	0.13	0.5	0.7	A	0	
351	751223	2	51	25.85	32.995	115.527	11.47	2.00	11	71	7.0	0.63	3.5	5.1	B	0	
352	751223	2	52	14.30	32.968	115.549	14.71	2.00	10	73	10.0	0.29	1.9	4.0	B	0	
353	751223	6	2	2.01	34.035	117.251	4.[illegible]	2.30	24	50	12.0	0.21	0.6	0.8	A	0	
354	751223	8	32	15.19	33.706	116.778	10.[illegible]	1.30	5	150	14.0	0.16	2.1	6.4	B	0	
355	751223	12	23	57.40	32.780	115.454	5.00	1.60	6	108	9.0	0.20	2.2	8.4	C	0	
356	751223	22	23	25.39	33.818	118.334	10.60	2.80	30	62	34.0	0.39	1.1	2.1	B	0	
357	751224	2	51	3.90	33.952	116.809	22.50	1.40	7	152	9.0	0.06	0.9	1.0	B	0	
358	751224	6	31	33.72	33.501	116.457	9.51	2.10	11	225	23.0	0.07	1.2	0.9	C	0	
359	751224	13	0	4.99	34.037	117.223	16.40	2.10	14	182	12.0	0.13	1.0	1.1	B	0	
360	751224	19	12	25.41	33.918	116.803	14.80	2.70	33	35	9.0	0.23	0.6	0.7	A	0	
361	751224	19	42	6.65	34.340	116.379	0.47	1.70	15	110	5.0	0.16	0.6	1.0	A	0	
362	751225	4	9	40.40	33.920	116.853	18.70	1.40	7	108	5.0	0.09	1.0	2.1	A	0	
363	751225	7	19	52.29	32.905	116.260	3.[illegible]	4.00	46	115	31.0	0.60	1.7	2.0	B	0	
364	751225	9	20	39.27	32.902	116.258	3.[illegible]	3.70	39	115	31.0	0.70	2.0	2.4	B	0	
365	751225	9	31	10.85	32.905	116.268	1.77	3.50	32	116	32.0	0.46	1.4	5.0	B	0	
366	751225	14	35	19.84	33.994	119.093	14.80	3.40	31	65	27.0	0.43	1.4	1.8	B	0	
367	751225	17	42	40.99	33.949	116.173	8.[illegible]	1.90	23	116	2.0	0.22	0.7	0.9	A	0	
368	751225	14	41	24.20	34.019	119.066	3.[illegible]	2.20	10	189	11.0	0.18	1.7	1.3	B	0	

369	751226	1	24	8.72	34.556	116.833	0.77	1.70	16	172	23.0	0.15	0.7	1.1	B	0
370	751226	7	23	46.06	33.665	116.901	8.00	1.70	7	201	17.0	0.22	2.3	4.9	B	0
371	751226	18	41	28.69	34.045	116.436	13.9?	1.00	6	207	22.0	0.09	1.3	5.9	C	0
372	751226	23	24	24.45	33.966	116.764	17.5?	1.60	15	62	9.0	0.15	0.7	1.2	A	0
373	751227	8	1	5.47	34.368	116.553	0.2?	2.00	15	147	17.0	0.13	0.9	145.9	B	0
374	751227	12	12	28.09	33.784	116.106	1.47	1.50	11	144	18.0	0.18	1.0	229.8	B	0
375	751227	18	21	26.14	34.365	116.571	1.3?	1.60	12	133	16.0	0.16	1.0	201.4	B	0
376	751227	20	17	45.90	33.898	116.804	12.4?	2.00	19	48	7.0	0.19	0.6	1.3	A	0
377	751227	21	8	37.49	34.323	118.302	2.1?	3.10	28	44	12.0	0.39	1.1	1.6	B	0
378	751227	21	12	7.61	33.919	116.800	15.6?	1.80	21	45	9.0	0.19	0.7	0.8	A	0
379	751227	23	20	4.56	32.899	116.270	1.94	2.80	27	117	28.0	0.50	1.6	4.9	B	0
380	751228	7	5	34.10	34.119	115.890	25.5?	2.30	7	163	27.0	0.18	3.4	5.8	B	0
381	751228	18	13	29.39	35.818	117.612	12.3?	2.10	7	200	1.0	0.29	4.7	3.3	C	0
382	751228	18	30	11.99	33.925	116.797	20.7?	1.50	6	90	10.0	0.13	2.0	4.1	B	0
383	751228	19	27	47.67	33.916	116.801	14.8?	2.10	23	64	9.0	0.20	0.7	0.8	A	0
384	751228	22	45	30.93	33.940	116.021	2.3?	1.40	7	169	16.0	0.04	0.2	8.9	B	0
385	751229	10	35	24.09	34.042	119.101	5.5?	2.40	8	166	24.0	0.29	2.6	10.9	B	0
386	751229	21	9	17.86	34.341	115.860	1.33	2.10	23	63	3.0	0.22	0.6	0.8	A	0
387	751230	2	7	41.34	33.881	115.890	11.7?	2.30	26	48	9.0	0.19	0.6	1.0	A	0
388	751230	6	11	29.41	33.934	116.021	0.2?	2.10	27	120	16.0	0.21	0.6	7.2	A	0
389	751230	6	20	11.39	33.945	116.024	1.2?	1.50	10	145	15.0	0.14	0.9	2.5	B	0
390	751230	7	12	15.18	34.000	116.865	15.3?	1.70	17	52	6.0	0.14	0.6	0.7	A	0
391	751231	2	48	42.12	33.937	116.024	5.0?	1.70	6	201	15.0	0.18	2.8	13.7	C	0
392	751231	2	51	31.17	33.938	116.016	2.2?	1.70	6	197	16.0	0.06	0.6	101.0	B	0
393	751231	2	53	55.88	34.281	116.325	0.5?	2.60	16	111	18.0	0.23	0.8	10.8	A	0
394	751231	16	42	54.65	32.981	115.533	15.0?	2.30	18	72	7.0	0.45	1.9	1.6	B	0

1ST QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

N.	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	76 1 1	1	47	54.73	33.511	116.597	10.80	3.40	99	999	999.0	9.99	999.9	999.9	P	0
2	76 1 1	3	38	10.95	33.519	116.576	5.86	2.90	99	999	999.0	9.99	999.9	999.9	P	0
3	76 1 1	11	15	30.25	32.209	115.496	13.70	2.80	99	999	999.0	9.99	999.9	999.9	P	0
4	76 1 1	17	20	12.91	33.967	117.888	8.00	4.20	99	999	999.0	9.99	999.9	999.9	P	0
5	76 1 2	9	32	14.27	33.573	116.688	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
6	76 1 3	11	36	36.05	32.303	115.520	8.00	3.50	99	999	999.0	9.99	999.9	999.9	P	0
7	76 1 3	11	52	45.92	32.239	115.490	13.80	2.90	99	999	999.0	9.99	999.9	999.9	P	0
8	76 1 3	23	44	30.15	32.260	115.471	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
9	76 1 4	16	16	0.92	37.852	116.000	3.45	4.20	99	999	999.0	9.99	999.9	999.9	P	0
10	76 1 5	14	57	43.84	37.331	116.279	0.89	3.30	99	999	999.0	9.99	999.9	999.9	P	0
11	76 1 5	18	21	0.0	37.599	116.281	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
12	76 1 5	21	2	50.00	37.607	116.119	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
13	76 1 7	22	10	21.26	32.115	115.690	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
14	76 1 8	3	14	10.87	37.757	116.301	35.30	3.30	99	999	999.0	9.99	999.9	999.9	P	0
15	76 1 8	12	4	32.50	35.433	117.921	0.75	2.80	99	999	999.0	9.99	999.9	999.9	P	0
16	76 1 8	12	51	42.71	37.612	116.051	3.28	3.30	99	999	999.0	9.99	999.9	999.9	P	0
17	76 1 8	12	58	49.94	37.254	115.977	3.04	2.80	99	999	999.0	9.99	999.9	999.9	P	0
18	76 1 8	15	12	59.03	34.933	116.932	3.32	2.50	99	999	999.0	9.99	999.9	999.9	P	0
19	76 1 8	20	26	51.24	33.835	115.840	6.46	3.50	99	999	999.0	9.99	999.9	999.9	P	0
20	76 1 9	11	25	11.09	32.290	115.523	16.30	2.70	99	999	999.0	9.99	999.9	999.9	P	0
21	76 1 9	11	34	51.36	34.539	116.265	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
22	76 1 8	16	14	19.18	37.239	116.443	1.50	4.20	99	999	999.0	9.99	999.9	999.9	P	0
23	76 1 9	11	45	13.33	37.345	116.384	8.30	3.10	99	999	999.0	9.99	999.9	999.9	P	0
24	76 1 9	23	46	1.85	33.852	115.800	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
25	76 110	12	58	17.00	32.168	115.474	9.85	4.30	99	999	999.0	9.99	999.9	999.9	P	0
26	76 110	15	26	18.25	33.854	115.812	4.71	2.50	99	999	999.0	9.99	999.9	999.9	P	0
27	76 110	20	30	4.39	32.285	115.501	13.70	2.90	99	999	999.0	9.99	999.9	999.9	P	0
28	76 111	1	5	29.46	32.164	115.501	16.10	3.80	99	999	999.0	9.99	999.9	999.9	P	0
29	76 111	7	43	0.26	32.241	115.544	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
30	76 111	22	30	2.29	32.178	115.701	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
31	76 111	23	31	45.97	32.274	115.491	16.70	3.20	99	999	999.0	9.99	999.9	999.9	P	0
32	76 111	23	33	21.75	32.188	115.486	15.50	2.90	99	999	999.0	9.99	999.9	999.9	P	0
33	76 112	18	30	57.09	32.219	115.481	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
34	76 112	23	39	9.47	32.292	115.444	16.60	2.90	99	999	999.0	9.99	999.9	999.9	P	0
35	76 113	2	1	0.50	32.173	115.508	12.80	2.80	99	999	999.0	9.99	999.9	999.9	P	0
36	76 113	12	35	0.78	32.196	115.475	16.20	2.90	99	999	999.0	9.99	999.9	999.9	P	0
37	76 113	14	43	43.22	37.526	116.011	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
38	76 114	1	57	57.51	32.334	115.546	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
39	76 114	2	23	26.65	32.330	115.530	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
40	76 114	4	5	12.59	32.180	115.536	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
41	76 114	11	1	8.43	35.924	120.064	2.38	2.80	99	999	999.0	9.99	999.9	999.9	P	0
42	76 114	20	26	24.30	33.100	116.640	27.10	3.20	99	999	999.0	9.99	999.9	999.9	P	0
43	76 114	21	43	59.40	36.069	120.143	10.60	4.70	99	999	999.0	9.99	999.9	999.9	P	0
44	76 115	3	12	6.21	33.896	117.885	12.60	2.90	99	999	999.0	9.99	999.9	999.9	P	0
45	76 115	21	26	2.42	32.218	115.522	16.20	2.90	99	999	999.0	9.99	999.9	999.9	P	0
46	76 115	22	45	17.80	32.184	115.518	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
47	76 117	3	58	56.67	32.321	115.366	12.80	4.50	99	999	999.0	9.99	999.9	999.9	P	0
48	76 117	21	39	38.39	37.046	116.388	19.50	3.70	99	999	999.0	9.99	999.9	999.9	P	0
49	76 118	7	20	19.14	37.255	116.408	11.60	3.50	99	999	999.0	9.99	999.9	999.9	P	0
50	76 119	19	19	48.97	32.765	115.487	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
51	76 120	2	44	0.88	37.147	115.958	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
52	76 120	3	43	32.17	37.168	115.800	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
53	76 120	3	2	13.23	32.259	115.473	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	0
54	76 120	8	24	34.41	35.665	119.117	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
55	76 121	3	55	31.04	33.835	118.807	16.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0

56	76	121	8	1	2.07	32.141	115.622	12.60	2.70	99	999	999.0	9.99	999.9	999.9	P	0
57	76	121	8	58	21.08	32.119	115.672	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
58	76	121	15	24	47.36	33.022	116.338	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
59	76	123	4	58	30.66	34.039	116.778	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
60	76	123	5	15	3.10	32.215	115.472	14.30	3.00	99	999	999.0	9.99	999.9	999.9	P	0
61	76	124	1	31	5.97	33.217	115.996	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
62	76	124	5	3	46.92	35.637	117.479	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
63	76	124	11	49	23.15	32.182	115.494	20.60	3.40	99	999	999.0	9.99	999.9	999.9	P	0
64	76	125	16	20	13.97	32.274	115.469	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
65	76	125	16	22	56.42	33.079	116.415	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
66	76	125	23	36	15.02	32.212	115.457	17.90	3.10	99	999	999.0	9.99	999.9	999.9	P	0
67	76	126	0	42	49.08	32.259	115.484	11.60	2.70	99	999	999.0	9.99	999.9	999.9	P	0
68	76	126	7	48	19.75	32.371	115.531	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
69	76	126	9	2	54.47	36.126	117.837	4.72	2.60	99	999	999.0	9.99	999.9	999.9	P	0
70	76	127	0	40	58.77	32.175	115.444	8.00	4.30	99	999	999.0	9.99	999.9	999.9	P	0
71	76	127	0	41	0.13	32.322	115.570	14.10	4.30	99	999	999.0	9.99	999.9	999.9	P	0
72	76	127	1	30	42.77	33.847	115.819	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
73	76	127	8	20	18.59	32.288	115.480	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
74	76	127	8	42	26.73	32.193	115.464	12.10	3.30	99	999	999.0	9.99	999.9	999.9	P	0
75	76	127	15	5	7.47	35.373	118.500	3.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
76	76	128	1	12	25.20	35.810	117.885	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
77	76	128	4	51	54.40	35.810	117.894	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
78	76	128	18	53	5.09	32.342	115.508	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	0
79	76	129	8	42	42.05	35.611	118.314	4.66	2.70	99	999	999.0	9.99	999.9	999.9	P	0
80	76	129	10	9	30.56	33.868	115.833	4.36	2.90	99	999	999.0	9.99	999.9	999.9	P	0
81	76	129	23	24	9.44	34.612	117.144	0.68	2.90	99	999	999.0	9.99	999.9	999.9	P	0
82	76	2 1	21	53	50.69	32.240	115.453	12.70	2.90	99	999	999.0	9.99	999.9	999.9	P	0
83	76	2 2	3	40	17.59	34.068	118.299	5.43	1.40	99	999	999.0	9.99	999.9	999.9	P	0
84	76	2 3	0	14	32.37	37.161	116.500	16.20	4.10	99	999	999.0	9.99	999.9	999.9	P	0
85	76	2 3	3	40	17.82	34.105	118.304	2.07	1.60	99	999	999.0	9.99	999.9	999.9	P	0
86	76	2 3	11	13	3.75	37.500	116.815	8.00	3.40	99	999	999.0	9.99	999.9	999.9	P	0
87	76	2 6	1	14	19.07	37.787	116.253	8.00	3.60	99	999	999.0	9.99	999.9	999.9	P	0
88	76	2 6	1	41	6.14	37.731	116.147	8.00	3.50	99	999	999.0	9.99	999.9	999.9	P	0
89	76	2 7	9	3	55.76	32.218	115.070	22.20	3.70	99	999	999.0	9.99	999.9	999.9	P	0
90	76	210	5	7	55.28	33.990	117.245	6.53	2.50	99	999	999.0	9.99	999.9	999.9	P	0
91	76	211	1	6	54.70	33.995	117.248	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
92	76	211	1	32	36.73	37.363	116.979	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
93	76	211	8	51	20.47	34.374	116.855	4.96	2.80	99	999	999.0	9.99	999.9	999.9	P	0
94	76	212	7	40	18.87	32.232	116.235	3.22	3.10	99	999	999.0	9.99	999.9	999.9	P	0
95	76	212	7	48	29.14	33.792	115.989	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
96	76	212	20	9	42.92	32.157	116.350	17.30	2.80	99	999	999.0	9.99	999.9	999.9	P	0
97	76	212	22	12	9.84	33.674	117.703	3.90	2.60	99	999	999.0	9.99	999.9	999.9	P	0
98	76	213	5	38	30.43	35.334	118.713	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
99	76	213	14	29	0.66	32.256	115.467	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
100	76	213	16	37	31.06	37.904	117.086	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
101	76	213	20	20	7.38	33.926	115.464	11.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
102	76	213	22	4	17.29	34.583	117.152	1.58	2.10	99	999	999.0	9.99	999.9	999.9	P	0
103	76	213	22	12	27.10	32.923	117.046	2.08	1.90	99	999	999.0	9.99	999.9	999.9	P	0
104	76	213	22	14	12.10	34.618	117.139	0.96	2.00	99	999	999.0	9.99	999.9	999.9	P	0
105	76	214	1	9	19.38	32.258	115.471	16.10	2.90	99	999	999.0	9.99	999.9	999.9	P	0
106	76	214	11	30	4.07	37.061	116.389	16.90	5.40	99	999	999.0	9.99	999.9	999.9	P	0
107	76	215	2	23	46.60	35.254	118.582	3.67	2.50	99	999	999.0	9.99	999.9	999.9	P	0
108	76	215	3	26	58.56	32.245	115.460	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
109	76	215	4	48	53.73	34.279	118.263	10.50	2.10	99	999	999.0	9.99	999.9	999.9	P	0
110	76	215	6	57	54.11	33.428	116.533	5.05	2.20	99	999	999.0	9.99	999.9	999.9	P	0
111	76	215	17	34	3.34	31.582	117.123	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	0
112	76	216	5	7	29.47	33.182	116.053	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
113	76	216	19	46	13.22	33.806	116.219	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
114	76	216	22	14	35.04	32.649	117.950	12.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
115	76	216	22	15	0.68	32.669	117.940	4.10	2.80	99	999	999.0	9.99	999.9	999.9	P	0
116	76	217	3	12	55.03	32.292	115.501	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
117	76	217	6	17	29.57	33.295	117.840	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0

120	76	217	21	57	50.94	[illegible]	[illegible]	[illegible]	[illegible]								
121	76	217	22	47	11.85	32.265	115.489	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
122	76	217	23	18	18.83	37.366	116.702	8.00	3.80	99	999	999.0	9.99	999.9	999.9	P	0
123	76	218	2	14	26.88	32.277	115.489	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
124	76	218	2	21	4.60	32.315	115.527	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
125	76	218	4	34	50.11	32.286	115.476	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
126	76	218	5	18	29.50	32.290	115.498	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
127	76	218	23	28	29.93	34.101	117.036	0.52	1.90	99	999	999.0	9.99	999.9	999.9	P	0
128	76	219	8	34	16.43	32.805	117.411	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
129	76	219	10	59	40.11	32.267	115.491	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
130	76	219	17	1	1.38	36.254	117.606	4.12	3.90	99	999	999.0	9.99	999.9	999.9	P	0
131	76	219	22	9	55.11	34.387	118.366	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
132	76	219	22	12	28.24	34.439	118.280	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
133	76	219	22	13	5.57	36.112	117.615	9.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
134	76	219	22	47	59.95	36.186	117.589	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
135	76	220	0	20	48.91	36.118	117.656	3.44	3.10	99	999	999.0	9.99	999.9	999.9	P	0
136	76	220	1	0	13.39	36.188	117.618	3.69	2.40	99	999	999.0	9.99	999.9	999.9	P	0
137	76	220	19	25	32.44	36.161	117.577	6.10	2.10	99	999	999.0	9.99	999.9	999.9	P	0
138	76	220	20	8	38.87	34.431	116.381	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
139	76	221	4	6	48.40	34.263	117.269	5.93	2.20	99	999	999.0	9.99	999.9	999.9	P	0
140	76	221	5	17	46.72	34.293	117.266	6.08	2.10	99	999	999.0	9.99	999.9	999.9	P	0
141	76	221	5	40	12.40	35.058	119.141	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
142	76	221	9	16	22.17	33.855	118.985	10.30	2.00	99	999	999.0	9.99	999.9	999.9	P	0
143	76	221	9	46	34.47	36.123	117.636	3.50	2.00	99	999	999.0	9.99	999.9	999.9	P	0
144	76	221	10	21	6.45	34.252	117.288	12.30	2.10	99	999	999.0	9.99	999.9	999.9	P	0
145	76	221	10	27	41.52	36.162	117.630	3.42	2.20	99	999	999.0	9.99	999.9	999.9	P	0
146	76	221	11	16	2.82	36.111	117.664	3.85	2.10	99	999	999.0	9.99	999.9	999.9	P	0
147	76	221	16	54	21.09	33.851	115.697	0.09	2.30	99	999	999.0	9.99	999.9	999.9	P	0
148	76	222	14	25	43.88	33.565	117.738	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
149	76	222	14	26	28.24	33.844	118.844	15.10	2.80	99	999	999.0	9.99	999.9	999.9	P	0
150	76	222	15	59	56.35	32.000	115.714	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
151	76	223	0	10	9.17	32.309	115.454	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
152	76	223	1	10	19.10	32.209	115.435	12.30	2.90	99	999	999.0	9.99	999.9	999.9	P	0
153	76	223	8	20	49.06	35.758	118.860	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
154	76	223	9	38	58.32	36.186	117.580	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
155	76	225	10	15	53.13	33.777	116.112	6.11	2.00	99	999	999.0	9.99	999.9	999.9	P	0
156	76	224	22	41	41.74	36.184	117.598	3.49	2.20	99	999	999.0	9.99	999.9	999.9	P	0
157	76	225	12	42	35.36	34.184	116.287	3.57	2.30	99	999	999.0	9.99	999.9	999.9	P	0
158	76	226	2	44	35.49	34.224	114.199	7.07	2.10	99	999	999.0	9.99	999.9	999.9	P	0
159	76	226	6	32	26.35	32.264	115.500	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
160	76	226	7	27	58.26	35.719	117.585	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
161	76	226	14	3	45.55	31.871	115.915	1.69	2.70	99	999	999.0	9.99	999.9	999.9	P	0
162	76	226	21	35	35.16	35.702	117.559	3.23	2.60	99	999	999.0	9.99	999.9	999.9	P	0
163	76	227	4	59	48.68	35.358	118.468	3.65	2.20	99	999	999.0	9.99	999.9	999.9	P	0
164	76	227	6	57	5.07	33.193	116.758	6.85	1.90	99	999	999.0	9.99	999.9	999.9	P	0
165	76	227	14	32	2.77	34.225	114.356	5.88	2.50	99	999	999.0	9.99	999.9	999.9	P	0
166	76	227	23	48	1.08	34.601	117.141	5.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
167	76	228	0	26	34.00	35.645	118.327	7.96	1.70	99	999	999.0	9.99	999.9	999.9	P	0
168	76	228	10	12	16.83	32.189	115.487	15.70	3.10	99	999	999.0	9.99	999.9	999.9	P	0
169	76	229	13	1	26.30	33.701	117.986	12.40	2.80	99	999	999.0	9.99	999.9	999.9	P	0
170	76	229	16	59	3.90	34.155	116.723	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
171	76	229	17	10	37.40	34.122	116.727	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
172	76	229	17	41	25.90	34.160	116.723	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
173	76	229	19	43	7.80	34.175	116.740	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
174	76	229	22	30	9.85	34.132	116.726	8.00	3.60	99	999	999.0	9.99	999.9	999.9	P	0
175	76	229	22	37	2.30	34.043	116.613	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
176	76	229	22	40	35.63	34.140	116.728	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	0
177	76	229	8	14	46.20	34.115	116.697	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
178	76	3	1 15	7	48.02	35.657	117.715	12.31	2.10	99	999	999.0	9.99	999.9	999.9	P	0
179	76	3	1 15	26	54.71	34.137	116.720	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
1[illegible]	76	3	1 15	52	58.49	34.148	116.721	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0

182	7(	3	2	2	25	24.67	33.693	116.741										
183	7(	3	2	6	48	9.19	34.145	116.728	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
184	7(	3	2	21	5	34.97	34.330	116.858	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
185	7(	3	2	21	42	38.19	34.142	116.724	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
186	7(	3	3	3	30	9.44	35.221	118.596	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
187	7(	3	3	13	14	19.08	37.439	116.457	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
188	7(	3	4	17	42	54.41	35.175	118.901	6.85	3.20	99	999	999.0	9.99	999.9	999.9	P	0
189	7(	3	4	17	50	18.78	32.328	116.938	9.06	2.40	99	999	999.0	9.99	999.9	999.9	P	0
190	7(	3	5	0	19	32.08	35.149	118.970	16.60	1.90	99	999	999.0	9.99	999.9	999.9	P	0
191	7(	3	5	2	1	47.77	35.202	118.892	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
192	7(	3	5	6	41	45.66	34.024	116.375	5.85	2.40	99	999	999.0	9.99	999.9	999.9	P	0
193	7(	3	5	14	6	42.08	33.096	117.019	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
194	7(	3	5	14	32	8.78	31.999	116.094	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
195	7(	3	5	21	17	17.68	34.364	116.953	12.30	2.10	99	999	999.0	9.99	999.9	999.9	P	0
196	7(	3	6	5	39	44.17	35.834	118.316	4.18	1.90	99	999	999.0	9.99	999.9	999.9	P	0
197	7(	3	6	12	17	8.67	35.880	117.788	3.33	3.00	99	999	999.0	9.99	999.9	999.9	P	0
198	7(	3	7	1	39	24.09	35.628	118.296	1.51	2.00	99	999	999.0	9.99	999.9	999.9	P	0
199	7(	3	7	10	34	15.06	33.039	117.542	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
200	7(	3	7	14	20	37.42	35.601	118.317	3.65	2.80	99	999	999.0	9.99	999.9	999.9	P	0
201	7(	3	7	18	39	47.92	34.147	117.324	4.13	2.00	99	999	999.0	9.99	999.9	999.9	P	0
202	7(	3	7	18	55	25.39	34.148	117.325	3.53	1.90	99	999	999.0	9.99	999.9	999.9	P	0
203	7(	3	7	19	24	31.19	34.140	117.354	3.50	1.90	99	999	999.0	9.99	999.9	999.9	P	0
204	7(	3	8	1	26	23.77	32.640	115.570	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
205	7(	3	8	21	55	9.97	33.971	116.893	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
206	7(	3	9	2	18	27.15	36.096	116.975	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
207	7(	3	9	2	44	42.57	33.942	119.373	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
208	7(	3	9	4	13	24.54	34.378	118.447	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	0
209	7(	3	9	12	11	49.14	32.250	115.506	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
210	7(	3	9	15	33	34.46	35.358	118.475	5.10	2.50	99	999	999.0	9.99	999.9	999.9	P	0
211	7(	3	9	19	44	40.60	35.454	118.251	8.55	2.10	99	999	999.0	9.99	999.9	999.9	P	0
212	7(	3	10	12	41	4.39	37.721	116.550	11.40	2.80	99	999	999.0	9.99	999.9	999.9	P	0
213	7(	3	10	15	46	16.14	32.093	115.516	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
214	7(	3	10	16	31	10.31	35.845	117.268	17.20	2.20	99	999	999.0	9.99	999.9	999.9	P	0
215	7(	3	11	6	41	1.50	32.243	115.511	3.78	2.50	99	999	999.0	9.99	999.9	999.9	P	0
216	7(	3	11	0	47	6.42	32.188	115.453	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
217	7(	3	11	18	12	14.90	32.640	117.428	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
218	7(	3	11	19	19	48.00	32.017	115.360	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
219	7(	3	11	20	10	8.00	33.928	115.444	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
220	7(	3	12	1	49	17.30	32.897	118.361	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
221	7(	3	12	19	50	5.73	33.741	117.992	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
222	7(	3	13	3	37	1.94	34.248	117.470	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	0
223	7(	3	13	9	48	34.47	36.018	117.896	8.23	2.40	99	999	999.0	9.99	999.9	999.9	P	0
224	7(	3	13	18	17	22.00	32.408	115.331	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
225	7(	3	14	6	38	27.00	32.314	115.511	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
226	7(	3	14	8	34	7.80	34.232	116.561	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
227	7(	3	14	9	32	38.59	34.311	118.200	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
228	7(	3	15	10	41	41.89	32.067	115.419	13.90	2.60	99	999	999.0	9.99	999.9	999.9	P	0
229	7(	3	15	11	52	43.59	32.197	115.457	12.50	2.50	99	999	999.0	9.99	999.9	999.9	P	0
230	7(	3	15	17	47	2.66	32.667	117.616	1.78	2.90	99	999	999.0	9.99	999.9	999.9	P	0
231	7(	3	15	20	7	39.65	32.071	115.477	15.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
232	7(	3	16	2	40	10.16	33.192	116.235	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
233	7(	3	16	2	40	56.04	31.905	115.527	8.00	3.90	99	999	999.0	9.99	999.9	999.9	P	0
234	7(	3	16	5	12	55.50	33.237	115.340	14.40	2.80	99	999	999.0	9.99	999.9	999.9	P	0
235	7(	3	16	10	0	34.42	36.172	117.598	9.63	3.90	99	999	999.0	9.99	999.9	999.9	P	0
236	7(	3	16	11	58	21.20	36.168	117.615	3.83	2.20	99	999	999.0	9.99	999.9	999.9	P	0
237	7(	3	16	12	0	35.14	31.990	115.483	19.60	4.00	99	999	999.0	9.99	999.9	999.9	P	0
238	7(	3	16	12	11	0.0	32.019	115.505	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
239	7(	3	16	13	20	17.25	32.008	115.526	11.50	2.10	99	999	999.0	9.99	999.9	999.9	P	0
240	7(	3	16	13	33	11.10	36.197	117.614	4.43	2.40	99	999	999.0	9.99	999.9	999.9	P	0
241	7(	3	16	14	47	23.80	36.183	117.613	3.71	2.00	99	999	999.0	9.99	999.9	999.9	P	0
242	7(	3	21	22	5	1.53	33.832	116.232	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0

245	76	317	2	25	31.82	32.771	118.933	5.69	1.90	99	999	999.0	9.99	999.9	999.9	P	0	
246	76	317	3	17	53.45	36.178	117.632	5.46	2.50	99	999	999.0	9.99	999.9	999.9	P	0	
247	76	317	3	41	22.47	36.189	117.581	4.01	1.70	99	999	999.0	9.99	999.9	999.9	P	0	
248	76	317	13	1	39.19	36.179	117.592	5.03	2.10	99	999	999.0	9.99	999.9	999.9	P	0	
249	76	317	15	18	10.00	32.187	115.347	15.60	2.60	99	999	999.0	9.99	999.9	999.9	P	0	
250	76	318	0	18	4.45	32.209	115.511	15.40	2.50	99	999	999.0	9.99	999.9	999.9	P	0	
251	76	318	4	45	41.27	35.695	117.577	6.02	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
252	76	318	11	44	37.72	32.333	115.450	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0	
253	76	318	19	36	1.73	32.740	116.050	3.53	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
254	76	319	6	43	42.50	34.246	116.355	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0	
255	76	319	9	7	49.94	33.861	118.515	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
256	76	320	2	37	29.59	33.710	116.828	7.48	2.50	99	999	999.0	9.99	999.9	999.9	P	0	
257	76	320	6	23	4.98	37.378	116.401	18.50	3.40	99	999	999.0	9.99	999.9	999.9	P	0	
258	76	320	7	57	55.33	32.902	116.313	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0	
259	76	320	10	50	44.24	36.420	120.595	8.00	0.0	99	999	999.0	9.99	999.9	999.9	P	0	
260	76	321	10	10	28.21	33.461	116.483	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
261	76	321	13	46	31.64	35.720	118.082	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
262	76	322	4	38	52.68	37.593	117.074	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
263	76	322	5	16	4.24	35.066	118.254	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0	
264	76	322	13	30	29.42	34.065	116.481	16.90	1.70	99	999	999.0	9.99	999.9	999.9	P	0	
265	76	323	2	48	13.04	36.923	116.709	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	0	
266	76	323	7	28	46.84	34.028	116.793	12.40	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
267	76	323	10	42	28.39	35.700	118.337	3.11	2.10	99	999	999.0	9.99	999.9	999.9	P	0	
268	76	323	17	25	18.85	33.813	115.584	5.25	2.50	99	999	999.0	9.99	999.9	999.9	P	0	
269	76	323	19	51	53.07	36.150	117.633	3.86	2.20	99	999	999.0	9.99	999.9	999.9	P	0	
270	[illegible]	323	19	56	10.24	33.967	116.897	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
271	76	323	21	0	39.45	33.622	116.888	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
272	76	323	21	4	2.05	35.233	118.623	7.09	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
273	76	323	23	14	22.97	33.998	115.518	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
274	76	324	10	50	15.20	31.943	116.026	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0	
275	76	324	11	52	17.88	32.146	115.500	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0	
276	76	325	1	19	58.83	33.967	116.892	5.48	2.60	99	999	999.0	9.99	999.9	999.9	P	0	
277	76	325	3	31	39.89	36.047	117.834	3.35	1.90	99	999	999.0	9.99	999.9	999.9	P	0	
278	76	325	12	54	35.26	34.284	116.312	1.59	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
279	76	326	14	9	50.99	32.136	117.002	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
280	76	326	23	28	57.66	34.267	116.329	7.13	2.30	99	999	999.0	9.99	999.9	999.9	P	0	
281	76	328	1	46	49.19	33.821	116.738	6.62	2.60	99	999	999.0	9.99	999.9	999.9	P	0	
282	76	328	5	33	49.46	34.417	116.468	11.50	3.00	99	999	999.0	9.99	999.9	999.9	P	0	
283	76	328	7	14	10.88	33.479	116.421	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
284	76	328	7	15	16.85	33.469	116.435	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
285	76	328	7	16	53.27	33.663	117.116	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0	
286	76	328	7	21	49.72	33.640	117.193	5.98	2.30	99	999	999.0	9.99	999.9	999.9	P	0	
287	76	328	7	22	36.91	33.513	116.487	4.54	3.30	99	999	999.0	9.99	999.9	999.9	P	0	
288	76	329	16	49	36.33	34.431	116.509	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0	
289	76	328	19	6	40.30	31.926	115.862	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
290	76	329	2	6	12.75	35.669	118.535	3.42	1.70	99	999	999.0	9.99	999.9	999.9	P	0	
291	76	329	16	37	57.16	32.982	115.582	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0	
292	76	329	16	54	36.24	33.052	115.527	14.70	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
293	76	330	0	6	34.32	34.243	116.327	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
294	76	330	4	58	48.52	33.932	116.924	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0	
295	76	330	22	51	31.85	36.139	117.625	3.21	1.90	99	999	999.0	9.99	999.9	999.9	P	0	
296	76	330	23	34	53.68	33.702	116.844	7.53	2.90	99	999	999.0	9.99	999.9	999.9	P	0	
297	76	330	23	36	27.53	33.702	116.810	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0	
298	76	331	2	45	37.23	36.150	118.329	4.15	1.90	99	999	999.0	9.99	999.9	999.9	P	0	
299	76	331	11	27	15.29	34.772	119.342	17.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
300	76	331	15	6	26.56	32.225	115.512	5.82	3.10	99	999	999.0	9.99	999.9	999.9	P	0	
301	76	331	18	58	20.08	34.625	117.328	0.48	2.00	99	999	999.0	9.99	999.9	999.9	P	0	
302	76	1 1	3	39	46.73	34.050	116.441	5.94	2.13	23	84	21.9	0.13	0.4	0.9	B	1	
303	76	1 1	20	7	1.19	33.937	117.932	0.97	0.0	13	220	51.8	0.19	1.5	4.2	C	1	
[illegible]	[illegible]	1 2	19	22	42.00	33.949	116.024	1.15	1.57	5	143	15.8	0.07	1.1	161.8	D	1	

[illegible]	76	1	2	19	27	4.[illegible]	[illegible]	116.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
305	76	1	4	9	29	11.75	33.832	115.532	8.49	1.47	7	139	5.8	0.06	0.6	1.2	B	1
306	76	1	6	13	2	46.31	34.267	116.321	9.07	1.85	8	109	17.0	0.05	0.4	1.5	B	1
307	76	1	6	16	26	4.61	34.226	116.671	5.90	1.55	9	103	9.0	0.13	0.9	2.4	B	1
308	76	1	7	13	52	22.69	34.216	116.881	5.00	1.35	12	83	15.4	0.16	0.9	7.4	C	1
309	76	110		1	44	30.19	33.952	116.264	4.83	1.48	11	151	6.7	0.14	0.8	1.1	B	1
310	76	111		20	7	41.70	34.497	116.425	5.00	2.40	30	144	13.4	0.16	0.6	0.8	C	1
311	76	113		1	10	9.10	34.284	116.330	2.62	1.48	9	118	16.2	0.08	0.5	16.9	C	1
312	76	114		3	34	56.30	34.280	116.337	0.50	1.58	10	119	16.8	0.11	0.5	16.9	C	1
313	76	114		8	31	17.00	34.303	116.333	1.05	2.03	24	42	14.1	0.14	0.4	9.1	C	1
314	76	114		22	56	14.56	34.284	116.328	1.72	2.30	20	70	16.2	0.14	0.4	3.4	C	1
315	76	117		3	54	13.64	34.183	116.614	6.81	1.62	11	93	4.9	0.20	1.1	1.5	B	1
316	76	117		11	8	24.12	34.232	116.671	9.55	1.65	20	105	9.1	0.12	0.4	0.8	B	1
317	76	126		17	27	6.49	33.826	115.797	2.06	1.67	7	167	16.8	0.08	0.7	117.4	C	1
318	76	127		1	20	11.62	33.835	115.787	5.00	1.86	15	163	15.8	0.14	0.7	2.2	C	1
319	76	127		1	36	30.69	33.833	115.790	4.34	1.76	15	142	16.0	0.12	0.6	2.1	C	1
320	76	127		5	46	35.55	33.738	116.006	9.15	1.76	16	159	28.0	0.12	0.6	1.3	B	1
321	76	128		23	36	18.27	33.992	116.401	3.02	1.81	17	99	20.1	0.12	0.5	9.5	C	1
322	76	129		5	50	1.49	34.151	115.759	1.24	1.53	6	144	10.4	0.03	0.3	47.2	C	1
323	76	129		13	35	56.42	33.827	115.795	4.43	2.15	21	122	16.7	0.12	0.4	0.9	B	1
324	76	129		16	49	26.09	33.833	115.791	0.26	1.79	11	164	16.0	0.13	0.8	169.0	C	1
325	76	130		7	38	4.95	33.834	115.792	5.00	1.64	14	164	15.9	0.12	0.6	1.8	B	1
326	76	130		10	48	43.52	34.152	115.765	0.37	1.49	5	146	11.0	0.02	0.3	30.1	D	1
327	76	1	1	3	46	7.26	33.928	115.642	13.26	2.01	8	126	11.9	0.14	1.1	3.2	B	1
328	76	1	1	4	54	20.85	33.498	115.279	17.78	1.79	8	207	21.8	0.08	1.4	0.8	C	1
329	76	1	1	4	56	9.08	33.545	115.298	19.23	1.57	9	190	16.8	0.12	1.3	0.7	C	1
330	76	1	3	5	9	34.90	33.965	115.655	11.39	1.93	9	133	9.4	0.14	1.2	1.1	B	1
331	76	1	3	14	46	49.30	33.979	115.563	14.97	1.91	14	63	8.5	0.18	1.0	1.0	B	1
332	76	1	5	7	19	16.48	33.963	115.508	12.30	2.13	13	73	9.9	0.18	0.9	1.0	B	1
333	76	1	6	2	11	1.48	33.937	115.926	12.77	2.21	14	91	11.9	0.51	3.0	2.9	C	1
334	76	1	6	6	7	37.63	33.905	115.940	3.37	2.13	8	156	13.4	0.25	2.1	5.0	C	1
335	76	1	9	12	43	52.75	32.373	115.158	14.78	2.09	11	224	54.5	0.25	3.0	2.0	D	1
336	76	110		15	5	58.09	33.080	115.770	5.00	2.75	9	163	15.8	0.27	2.4	4.0	C	1
337	76	111		8	33	42.84	33.321	116.347	2.82	1.96	17	72	48.0	0.36	1.3	3.7	C	1
338	76	111		16	2	48.15	32.516	115.285	13.26	1.69	7	202	19.8	0.16	2.0	1.8	C	1

[illegible] COLLECT [illegible] DECIMAL CHARACTER *

STANDARD FIXUP TAKEN , EXECUTION CONTINUING																	
339	76	116	6	0	31.59	32.804	115.649	18.94	2.17	13	102	8.8	0.29	2.1	1.4	B	1
340	76	116	8	47	58.50	32.827	115.635	16.04	1.62	7	85	9.0	0.10	1.1	2.1	B	1
341	76	119	9	56	47.17	32.784	115.470	18.21	2.13	14	119	9.6	0.22	1.4	1.0	B	1
342	76	119	12	34	43.66	32.789	115.471	17.38	2.81	18	114	9.7	0.29	1.3	1.0	B	1
343	76	119	12	36	5.66	32.783	115.469	19.43	1.54	6	139	25.2	0.05	0.8	0.7	B	1
344	76	120	7	57	31.35	32.829	115.630	14.34	2.34	17	57	9.4	0.23	1.1	1.2	B	1
345	76	121	6	14	42.54	32.954	115.526	7.34	1.75	14	94	4.1	0.33	1.4	3.6	C	1
346	76	121	22	40	42.27	33.033	115.867	2.40	2.12	11	180	9.6	0.24	1.8	30.3	D	1
347	76	122	0	12	24.89	33.029	115.886	3.64	1.92	11	184	10.0	0.23	1.8	9.3	D	1
348	76	122	23	39	26.81	33.251	115.613	1.44	0.97	7	166	9.5	0.12	1.4	187.0	C	1
349	76	124	15	17	51.37	32.447	115.249	11.06	2.54	14	214	27.5	0.40	3.1	2.9	D	1
350	76	129	9	36	4.92	33.038	115.576	8.77	2.10	19	59	8.1	0.29	1.0	1.6	B	1
351	76	2 4	17	58	14.47	34.638	116.295	4.46	2.20	13	198	23.2	0.07	0.6	0.8	C	1
352	76	2 5	17	57	30.21	34.510	116.484	2.38	2.46	25	146	18.8	0.11	0.4	1.5	B	1
353	76	2 7	6	49	1.53	33.748	115.874	9.04	1.66	5	194	36.2	0.65	20.9	0.0	D	1
354	76	2 7	14	35	47.89	34.295	116.349	9.98	1.21	5	129	15.3	0.34	4.0	13.6	D	1
355	76	2 7	16	54	9.90	34.289	116.332	8.85	1.63	8	120	15.7	0.04	0.4	1.8	B	1
356	76	2 8	2	6	37.39	33.944	116.017	8.65	1.59	13	140	16.5	0.16	0.9	1.7	C	1
357	76	2 8	7	23	22.17	33.942	116.022	3.52	1.64	18	119	16.0	0.12	0.5	5.1	C	1

360	76	210	3	48	24.61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
361	76	210	12	12	56.10	33.781	116.041	7.18	1.55	13	145	22.3	0.14	0.7	11.2	C 1
362	76	210	12	14	36.50	33.787	116.039	5.88	2.54	26	79	21.9	0.15	0.5	1.2	B 1
363	76	211	5	26	6.24	33.826	116.035	10.57	1.23	8	200	19.1	0.41	4.6	11.5	D 1
364	76	212	11	56	17.01	33.780	116.037	1.36	2.14	15	145	22.5	0.12	0.6	139.2	C 1
365	76	213	10	43	46.40	34.275	116.332	0.14	1.76	16	70	17.2	0.10	0.4	6.4	C 1
366	76	213	18	17	14.47	33.776	116.129	5.05	1.65	13	162	18.7	0.13	0.9	1.4	B 1
367	76	216	22	33	9.16	34.232	116.294	1.98	1.62	8	101	12.5	0.06	0.4	90.2	C 1
368	76	218	4	27	21.07	34.218	116.248	0.87	2.01	26	62	8.6	0.19	0.5	2.3	B 1
369	76	220	8	28	27.72	33.813	115.691	3.84	2.34	13	129	20.8	0.12	0.6	1.7	B 1
370	76	220	9	37	10.71	33.770	115.703	1.53	2.31	13	113	24.7	0.60	3.0	35.3	D 1
371	76	220	11	27	19.41	33.816	115.686	5.00	1.82	6	178	20.9	0.07	1.0	7.6	C 1
372	76	220	11	30	5.22	33.952	116.273	2.84	2.10	12	151	7.5	0.12	0.7	1.5	B 1
373	76	220	12	7	13.17	33.819	115.693	11.45	1.75	5	201	20.2	0.09	2.0	6.1	D 1
374	76	220	21	52	13.58	33.825	115.638	5.00	1.82	6	153	19.9	0.06	0.9	6.4	C 1
375	76	221	15	24	0.93	34.279	116.198	0.70	2.12	13	74	13.9	0.13	0.6	5.2	C 1
376	76	221	19	8	2.47	33.959	116.275	1.17	1.46	6	201	8.0	0.15	2.1	9.0	D 1
377	76	222	20	58	21.91	33.968	116.269	4.42	1.39	7	196	7.8	0.06	0.7	0.7	C 1
378	76	222	21	39	22.10	33.958	116.279	0.31	1.23	6	202	8.2	0.07	1.3	121.9	D 1
379	76	223	2	52	8.56	33.971	116.238	1.33	1.22	5	177	5.7	0.19	3.0	420.5	D 1
380	76	223	2	54	21.77	33.953	116.274	1.14	1.36	6	161	7.6	0.05	0.7	92.1	C 1
381	76	223	5	22	50.94	33.819	115.684	5.00	1.71	6	154	20.6	0.11	1.9	12.5	C 1
382	76	223	20	58	2.23	34.280	116.200	1.69	1.79	10	79	14.0	0.06	0.3	75.8	C 1
383	76	224	13	42	47.15	34.286	116.342	3.70	1.58	12	93	16.2	0.10	0.5	7.1	C 1
384	76	226	19	28	49.63	34.389	116.530	14.16	1.85	13	138	19.0	0.10	0.6	1.3	B 1
385	76	227	16	39	13.25	33.944	116.285	2.59	1.49	10	140	8.4	0.42	2.4	5.9	C 1
386	76	228	2	13	28.74	34.297	116.343	10.62	1.54	10	87	15.0	0.08	0.5	1.4	B 1
387	76	229	16	58	56.12	34.145	116.725	1.05	2.62	33	74	14.5	0.23	0.4	3.8	C 1
388	76	229	22	36	55.94	34.143	116.723	0.59	2.60	23	73	14.3	0.14	0.4	6.0	C 1
389	76	229	22	49	42.72	34.151	116.725	0.19	2.12	26	75	15.0	0.27	0.7	3.9	C 1
390	76	2 2	2	30	1.33	33.114	115.611	8.49	1.69	12	145	13.2	0.27	1.5	2.9	C 1
391	76	2 4	9	49	37.07	33.143	115.620	14.13	2.48	23	77	15.8	0.57	2.0	2.1	C 1
392	76	2 5	5	14	29.75	33.129	115.597	14.67	2.05	10	171	13.2	0.17	1.3	1.1	C 1
393	76	2 7	10	49	43.79	33.133	115.663	11.66	1.83	11	161	10.9	0.24	1.6	3.4	C 1
394	76	2 8	1	26	41.54	32.835	115.485	16.84	2.42	12	100	5.4	0.53	3.5	3.0	C 1
395	76	211	11	27	38.87	32.910	115.519	9.77	0.0	8	90	9.4	0.08	0.6	1.3	A 1
396	76	217	13	34	1.45	32.925	115.527	11.29	0.0	5	154	11.0	0.01	0.2	0.5	C 1
397	76	218	6	59	55.85	33.150	116.449	5.00	1.76	22	141	44.5	0.39	1.7	2.2	C 1
398	76	221	13	29	1.36	32.837	115.513	13.63	1.98	12	106	7.7	0.24	1.4	1.6	B 1
399	76	223	4	31	57.53	32.832	115.438	17.23	1.82	11	99	3.3	0.44	2.9	2.8	C 1
400	76	227	22	57	11.03	33.028	115.736	5.00	2.62	5	175	11.5	0.11	2.2	7.8	D 1
401	76	228	11	56	10.76	33.058	115.889	0.36	2.18	18	103	12.9	0.28	1.1	8.3	C 1
402	76	228	12	33	34.91	33.049	115.876	9.20	2.09	13	106	11.5	0.40	2.6	3.0	C 1
403	76	3 1	4	47	43.57	34.141	116.716	5.00	2.01	19	114	15.2	0.12	0.4	3.5	C 1
404	76	3 1	8	14	45.73	34.145	116.724	1.74	2.33	28	74	15.6	0.21	0.5	3.1	C 1
405	76	3 2	10	58	5.16	34.130	116.712	2.86	0.0	7	156	15.6	0.15	0.3	8.0	C 1
406	76	3 2	10	58	45.05	34.139	116.707	6.81	0.0	8	160	14.6	0.16	1.2	5.0	C 1
407	76	3 3	9	8	35.89	34.142	116.718	3.16	1.69	13	124	14.5	0.15	0.9	10.3	C 1
408	76	3 3	21	33	16.26	34.168	116.677	12.52	1.95	17	97	10.7	0.21	0.9	1.4	B 1
409	76	3 4	3	55	6.65	34.149	116.725	2.34	1.99	18	86	14.9	0.17	0.6	30.8	C 1
410	76	3 4	20	2	48.63	34.006	116.167	5.00	1.75	11	104	8.2	0.09	0.5	0.9	B 1
411	76	3 5	20	27	27.35	34.150	116.722	5.00	0.0	17	119	15.3	0.11	0.5	1.3	B 1
412	76	3 9	21	20	48.89	34.349	116.890	2.06	0.0	12	111	5.8	0.28	1.5	344.2	C 1
413	76	310	5	46	16.18	33.830	115.660	1.13	1.24	7	147	20.9	0.31	3.0	468.6	C 1
414	76	311	5	24	11.83	33.832	115.543	0.15	1.41	10	122	18.5	0.22	1.3	283.9	C 1
415	76	311	5	24	7.51	33.813	115.475	7.75	2.41	14	113	35.3	0.43	2.0	4.9	C 1
416	76	313	19	2	3.50	33.827	115.662	5.00	1.63	13	148	21.0	0.13	0.7	6.2	C 1
417	76	317	11	9	47.02	34.291	116.333	0.13	1.74	11	121	15.5	0.13	0.6	5.2	C 1
418	76	318	19	41	4.83	34.283	116.323	1.61	2.01	14	90	16.3	0.12	0.5	4.0	C 1
419	76	318	21	9	48.67	34.485	116.031	4.44	2.01	9	152	8.9	0.09	0.6	2.2	C 1

423	76	328	14	0	46.02	33.751	116.089	2.34	1.97	15	149	22.6	0.14	0.6	2.7	C	1
424	76	329	18	33	45.75	34.177	116.151	9.50	1.95	14	87	12.3	0.66	3.2	5.9	C	1
425	76	3 2	9	1	20.80	32.894	115.530	16.11	2.28	13	101	9.4	0.16	0.9	0.7	B	1
426	76	3 2	14	43	54.64	32.863	115.522	18.06	2.13	13	117	8.0	0.31	2.0	1.2	C	1
427	76	3 8	0	40	9.37	33.090	115.633	11.05	1.57	9	129	8.6	0.17	1.1	1.9	B	1
428	76	310	0	16	30.09	32.794	115.459	12.04	1.28	9	115	7.8	0.20	1.7	2.6	B	1
429	76	312	6	25	51.74	33.263	115.653	5.00	2.01	19	77	10.7	0.28	1.1	2.7	C	1
430	76	318	17	10	6.75	32.903	115.644	9.82	1.78	5	166	17.8	0.13	2.3	9.8	D	1
431	76	318	17	35	32.56	32.898	115.512	12.32	2.29	13	91	8.1	0.25	1.3	2.1	B	1
432	76	318	20	56	46.34	32.881	115.521	8.38	1.79	5	167	8.2	0.04	0.7	1.4	C	1
433	76	318	21	6	53.56	32.900	115.515	11.40	1.74	8	95	8.4	0.15	1.3	2.6	B	1
434	76	318	21	42	32.28	32.878	115.516	9.08	1.27	5	166	7.7	0.05	1.0	1.7	C	1
435	76	319	11	4	4.59	32.989	115.523	14.43	1.77	13	96	7.6	0.36	1.8	2.4	C	1
436	76	320	10	49	24.55	32.461	115.205	20.39	2.90	15	210	26.6	0.28	2.4	2.5	C	1
437	76	323	6	27	14.66	33.017	115.786	7.59	1.53	6	224	7.8	0.19	3.6	4.7	D	1
438	76	323	7	37	44.38	33.064	115.591	9.93	2.25	18	115	9.5	0.38	1.4	2.8	C	1
439	76	325	10	36	11.07	32.707	115.235	1.72	1.92	15	128	3.4	0.49	2.1	573.2	C	1
440	76	325	12	49	10.94	32.853	115.324	8.95	1.90	15	60	9.6	0.28	1.2	1.9	B	1
441	76	327	7	2	20.13	32.831	115.174	5.00	1.35	17	76	6.0	0.35	1.4	2.5	C	1
442	76	327	9	44	12.11	32.750	115.199	11.76	1.68	19	102	9.0	0.29	1.3	1.7	B	1
443	76	327	18	30	17.68	32.787	115.445	14.79	2.52	23	118	8.3	0.46	1.9	1.4	C	1
444	76	327	19	5	10.31	32.774	115.452	15.41	1.76	15	136	9.8	0.39	2.3	1.5	C	1
445	76	327	19	8	41.76	32.784	115.453	15.47	2.04	15	120	8.7	0.23	1.5	1.0	B	1
446	76	327	20	29	18.10	32.786	115.449	14.97	2.22	12	161	8.4	0.23	1.9	1.2	C	1
447	76	327	20	58	4.63	32.768	115.449	17.67	2.35	16	127	10.4	0.47	2.6	1.6	C	1
448	76	327	23	52	15.14	32.745	115.409	9.13	0.9	11	138	13.2	0.18	1.1	1.3	C	1
449	76	328	0	34	36.65	32.802	115.452	14.95	2.75	17	108	6.8	0.24	1.2	0.9	B	1
450	76	328	5	32	31.79	32.787	115.444	13.78	1.92	14	118	8.3	0.31	1.7	2.9	C	1
451	76	328	6	0	59.23	32.774	115.446	15.35	1.75	12	124	9.8	0.37	2.6	1.6	C	1
452	76	328	6	2	23.81	32.785	115.453	15.10	2.72	17	119	8.6	0.26	1.3	0.9	B	1
453	76	328	15	14	18.61	32.494	115.221	12.43	2.06	9	206	22.7	0.24	2.7	2.7	D	1
454	76	329	16	37	21.16	33.017	115.584	0.10	1.99	14	87	9.5	0.47	1.9	554.0	C	1
455	76	329	16	54	46.84	33.037	115.586	7.23	1.57	10	94	9.0	0.15	0.8	2.3	B	1
456	76	331	10	47	1.86	32.433	115.165	0.61	2.33	13	214	30.6	0.44	3.5	20.7	D	1
457	76	331	11	17	8.66	32.397	115.161	10.55	2.17	10	222	35.5	0.24	3.1	3.0	D	1
458	76	331	11	19	27.86	32.420	115.173	10.81	2.25	13	217	31.7	0.35	3.2	3.5	D	1
459	76	331	19	11	58.35	32.408	115.176	5.00	2.58	15	219	33.0	0.41	3.4	3.6	D	1

AND QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, HINEMAN, & HILEMAN

	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NO	GAP	DMIN	RMS	ERH	ERZ	Q	
1	76 4 1	0	38	10.22	32.26[illegible]	115.448	13.40	2.50	99	999	999.0	9.99	999.9	999.9	P	0
2	76 4 1	0	43	55.62	35.9[illegible]	117.408	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
3	76 4 1	3	39	47.14	32.37[illegible]	115.477	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
4	76 4 1	4	28	36.45	36.0[illegible]	117.753	3.93	2.30	99	999	999.0	9.99	999.9	999.9	P	0
5	76 4 1	8	1	45.76	34.33[illegible]	116.476	5.79	2.50	99	999	999.0	9.99	999.9	999.9	P	0
6	76 4 1	16	48	3.36	34.6[illegible]	117.112	1.90	2.60	99	999	999.0	9.99	999.9	999.9	P	0
7	76 4 1	19	54	38.22	34.3[illegible]	116.886	31.50	1.90	99	999	999.0	9.99	999.9	999.9	P	0
8	76 4 1	22	56	45.18	33.5[illegible]	116.940	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
9	76 4 2	4	24	36.86	34.25[illegible]	117.552	5.66	2.10	99	999	999.0	9.99	999.9	999.9	P	0
10	76 4 2	8	30	36.35	34.27[illegible]	116.380	9.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
11	76 4 2	12	23	20.90	32.21[illegible]	115.479	15.30	2.40	99	999	999.0	9.99	999.9	999.9	P	0
12	76 4 3	1	52	48.20	33.14[illegible]	116.734	22.30	2.60	99	999	999.0	9.99	999.9	999.9	P	0
13	76 4 4	1	11	53.66	35.74[illegible]	117.576	3.60	1.70	99	999	999.0	9.99	999.9	999.9	P	0
14	76 4 4	1	43	53.39	33.7[illegible]	117.493	8.00	1.60	99	999	999.0	9.99	999.9	999.9	P	0
15	76 4 4	2	38	25.67	35.74[illegible]	117.111	0.22	1.70	99	999	999.0	9.99	999.9	999.9	P	0
16	76 4 4	2	38	31.58	34.61[illegible]	118.157	29.80	1.90	99	999	999.0	9.99	999.9	999.9	P	0
17	76 4 5	1	2	41.05	37.3[illegible]	116.231	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
18	76 4 5	5	33	23.22	33.2[illegible]	116.097	8.00	1.50	99	999	999.0	9.99	999.9	999.9	P	0
19	76 4 5	10	27	56.01	34.51[illegible]	116.374	4.39	1.70	99	999	999.0	9.99	999.9	999.9	P	0
20	76 4 5	12	4	54.05	34.2[illegible]	116.379	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
21	76 4 5	12	32	21.01	34.26[illegible]	116.424	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
22	76 4 5	12	38	44.59	34.42[illegible]	116.276	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
23	76 4 5	14	57	49.00	31.84[illegible]	116.084	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
24	76 4 5	15	1	58.30	34.29[illegible]	116.376	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
25	76 4 5	19	39	50.00	32.72[illegible]	117.033	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
26	76 4 5	22	52	31.30	33.9[illegible]	115.511	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
27	76 4 6	9	52	2.50	34.21[illegible]	117.498	8.00	1.30	99	999	999.0	9.99	999.9	999.9	P	0
28	76 4 7	3	1	58.87	32.15[illegible]	115.508	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
29	76 4 7	4	3	4.66	33.95[illegible]	116.198	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
30	76 4 7	6	39	33.92	32.07[illegible]	115.697	15.60	2.70	99	999	999.0	9.99	999.9	999.9	P	0
31	76 4 7	10	38	0.06	32.05[illegible]	115.715	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
32	76 4 7	10	41	31.02	32.07[illegible]	115.715	9.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
33	76 4 7	13	41	27.76	34.0[illegible]	116.790	7.14	2.30	99	999	999.0	9.99	999.9	999.9	P	0
34	76 4 7	14	19	25.58	34.2[illegible]	116.408	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
35	76 4 7	14	21	25.27	34.20[illegible]	116.407	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
36	76 4 7	14	23	44.23	34.26[illegible]	116.420	8.64	1.90	99	999	999.0	9.99	999.9	999.9	P	0
37	76 4 8	5	7	8.92	33.39[illegible]	116.458	5.31	1.50	99	999	999.0	9.99	999.9	999.9	P	0
38	76 4 8	15	21	37.83	34.35[illegible]	118.663	16.00	4.70	99	999	999.0	9.99	999.9	999.9	P	0
39	76 4 8	15	27	46.03	34.35[illegible]	118.692	10.60	2.30	99	999	999.0	9.99	999.9	999.9	P	0
40	76 4 8	15	35	10.90	34.36[illegible]	118.667	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
41	76 4 8	18	20	18.69	34.35[illegible]	118.655	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
42	76 4 8	20	3	12.09	34.35[illegible]	118.683	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
43	76 4 8	20	34	40.67	34.34[illegible]	118.679	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
44	76 4 8	20	50	27.19	34.36[illegible]	118.648	11.00	1.70	99	999	999.0	9.99	999.9	999.9	P	0
45	76 4 9	3	8	23.51	36.16[illegible]	117.698	3.40	2.10	99	999	999.0	9.99	999.9	999.9	P	0
46	76 4 9	4	51	7.67	34.34[illegible]	118.645	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
47	76 4 9	12	11	51.60	33.95[illegible]	116.236	7.15	1.90	99	999	999.0	9.99	999.9	999.9	P	0
48	76 4 9	12	43	55.82	34.35[illegible]	118.650	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
49	76 4 9	13	15	7.49	33.99[illegible]	116.257	3.03	2.00	99	999	999.0	9.99	999.9	999.9	P	0
50	76 4 9	17	29	57.08	33.00[illegible]	115.520	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
51	76 411	0	51	44.24	34.36[illegible]	118.692	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	0
52	76 411	8	56	25.60	32.72[illegible]	118.069	0.73	3.00	99	999	999.0	9.99	999.9	999.9	P	0
53	76 411	16	3	32.17	33.447	116.451	6.20	2.30	99	999	999.0	9.99	999.9	999.9	P	0
54	76 412	5	37	15.03	35.99[illegible]	117.988	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
55	76 412	5	56	20.89	32.324	115.350	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0

119	7	429	18	39	9.85	34.339	118.545	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P 0
120	7	429	21	52	26.93	34.296	116.863	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
121	7	430	1	41	17.29	33.271	115.540	18.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
122	7	430	2	53	7.18	32.371	115.529	1.55	2.30	99	999	999.0	9.99	999.9	999.9	P 0
123	7	430	3	5	24.43	35.976	118.790	3.85	2.30	99	999	999.0	9.99	999.9	999.9	P 0
124	7	430	15	1	2.45	34.895	120.329	12.30	2.40	99	999	999.0	9.99	999.9	999.9	P 0
125	7	5 1	0	15	5.50	31.982	116.189	19.60	2.30	99	999	999.0	9.99	999.9	999.9	P 0
126	7	5 1	10	1	21.20	32.022	116.271	3.63	2.70	99	999	999.0	9.99	999.9	999.9	P 0
127	7	5 1	16	51	35.24	32.833	115.422	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
128	7	5 1	19	52	43.83	33.719	116.701	8.17	1.90	99	999	999.0	9.99	999.9	999.9	P 0
129	7	5 1	20	15	27.85	32.114	115.470	15.70	3.30	99	999	999.0	9.99	999.9	999.9	P 0
130	7	5 2	1	12	11.15	35.250	118.876	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P 0
131	7	5 2	7	21	1.62	34.364	116.675	16.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
132	7	5 2	8	23	3.67	34.356	117.004	5.66	3.10	99	999	999.0	9.99	999.9	999.9	P 0
133	7	5 2	10	44	45.16	34.360	117.123	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P 0
134	7	5 2	13	56	59.30	34.350	117.022	6.05	3.10	99	999	999.0	9.99	999.9	999.9	P 0
135	7	5 3	9	45	14.62	33.941	116.677	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
136	7	5 3	14	12	48.66	31.756	115.936	1.11	2.40	99	999	999.0	9.99	999.9	999.9	P 0
137	7	5 4	0	55	29.42	34.103	119.003	4.46	2.70	99	999	999.0	9.99	999.9	999.9	P 0
138	7	5 4	7	34	33.77	34.362	118.715	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
139	7	5 4	13	9	38.37	34.439	118.621	9.13	2.00	99	999	999.0	9.99	999.9	999.9	P 0
140	7	5 4	13	9	51.42	34.386	118.955	10.60	2.40	99	999	999.0	9.99	999.9	999.9	P 0
141	7	5 4	14	4	22.78	32.114	115.329	3.25	2.30	99	999	999.0	9.99	999.9	999.9	P 0
142	7	5 4	17	49	11.89	33.005	116.074	7.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
143	7	5 5	10	27	34.31	33.423	116.532	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P 0
144	7	5 6	0	44	57.90	33.485	116.433	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
145	7	5 6	0	54	53.50	32.240	116.003	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
146	7	5 6	6	4	5.30	34.365	117.035	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
147	7	5 6	6	9	3.60	34.356	117.052	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P 0
148	7	5 6	6	10	57.30	34.312	117.024	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P 0
149	7	5 6	18	30	27.06	32.312	115.435	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P 0
150	7	5 7	1	22	11.58	32.304	115.300	22.60	3.90	99	999	999.0	9.99	999.9	999.9	P 0
151	7	5 7	5	3	3.29	33.567	117.217	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P 0
152	7	5 7	9	29	6.22	34.374	118.981	9.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
153	7	5 7	14	50	30.63	34.048	116.696	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P 0
154	7	5 7	14	48	54.79	32.350	115.537	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P 0
155	7	5 8	4	24	9.50	35.372	118.475	7.10	2.80	99	999	999.0	9.99	999.9	999.9	P 0
156	7	5 8	5	52	3.90	32.537	115.314	15.20	3.70	99	999	999.0	9.99	999.9	999.9	P 0
157	7	5 8	12	14	41.54	31.970	116.038	16.40	3.20	99	999	999.0	9.99	999.9	999.9	P 0
158	7	5 8	15	16	42.54	37.547	116.900	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P 0
159	7	5 9	3	42	55.19	32.309	115.174	2.63	2.40	99	999	999.0	9.99	999.9	999.9	P 0
160	7	5 9	13	34	55.16	34.388	117.047	8.02	2.40	99	999	999.0	9.99	999.9	999.9	P 0
161	7	5 9	21	41	35.96	35.865	117.004	4.10	2.40	99	999	999.0	9.99	999.9	999.9	P 0
162	7	5 10	10	24	24.35	34.462	116.938	24.00	2.70	99	999	999.0	9.99	999.9	999.9	P 0
163	7	5 10	20	19	36.28	35.433	118.475	9.00	1.70	99	999	999.0	9.99	999.9	999.9	P 0
164	7	5 10	20	59	48.23	35.350	118.381	6.52	2.10	99	999	999.0	9.99	999.9	999.9	P 0
165	7	5 12	3	32	4.56	34.367	118.959	16.20	3.00	99	999	999.0	9.99	999.9	999.9	P 0
166	7	5 12	5	16	48.58	34.545	118.684	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P 0
167	7	5 12	1	54	38.94	34.362	118.699	15.80	3.10	99	999	999.0	9.99	999.9	999.9	P 0
168	7	6 12	9	14	25.58	32.125	115.065	14.70	3.30	99	999	999.0	9.99	999.9	999.9	P 0
169	7	6 12	18	41	36.50	34.538	118.865	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
170	7	6 12	20	58	59.21	37.300	116.079	8.00	4.50	99	999	999.0	9.99	999.9	999.9	P 0
171	7	6 13	1	27	11.58	36.288	118.130	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
172	7	6 13	15	32	59.00	32.918	117.143	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
173	7	6 14	0	34	52.30	34.418	116.978	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P 0
174	7	6 14	0	5	2.20	34.290	118.317	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
175	7	6 14	9	6	3.80	34.462	118.410	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P 0
176	7	6 14	12	3	11.10	33.018	115.923	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P 0
177	7	6 15	20	45	19.95	34.506	118.991	2.53	2.20	99	999	999.0	9.99	999.9	999.9	P 0
178	7	6 16	5	24	8.23	33.995	116.991	11.00	2.00	99	999	999.0	9.99	999.9	999.9	P 0
179	7	6 16	14	21	27.15	32.982	116.350	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0

1	76	516	23	46	59.87	33.245	116.081	4.54	2.30	99	999	999.0	9.99	999.9	999.9	P 0
1	76	517	3	6	19.24	34.364	117.609	4.43	2.00	99	999	999.0	9.99	999.9	999.9	P 0
1	76	517	19	11	47.32	31.993	116.192	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
1	76	518	17	19	15.99	34.263	117.060	5.64	2.00	99	999	999.0	9.99	999.9	999.9	P 0
1	76	519	11	43	14.72	34.970	116.948	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P 0
1	76	520	14	33	26.91	34.287	116.331	4.85	2.90	99	999	999.0	9.99	999.9	999.9	P 0
1	76	521	3	26	4.41	33.809	118.060	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
1	76	521	5	18	4.03	32.672	115.887	5.81	2.70	99	999	999.0	9.99	999.9	999.9	P 0
1	76	521	13	31	1.84	32.349	115.504	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P 0
1	76	522	7	50	11.98	34.188	117.086	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
1	76	522	10	52	18.53	31.809	115.821	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P 0
1	76	522	12	7	56.57	33.194	116.032	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P C
1	76	523	0	33	58.32	33.954	117.776	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P 0
1	76	523	12	23	16.32	33.008	116.266	9.00	2.80	99	999	999.0	9.99	999.9	999.9	P 0
1	76	523	13	30	20.51	33.695	116.318	18.60	3.20	99	999	999.0	9.99	999.9	999.9	P 0
1	76	523	15	31	21.14	33.564	116.776	6.45	2.60	99	999	999.0	9.99	999.9	999.9	P 0
1	76	523	18	34	35.74	33.687	116.804	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
1	76	524	20	24	22.31	33.681	116.828	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P C
1	76	526	7	43	19.18	32.019	115.783	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P 0
1	76	526	11	5	47.98	32.06	115.701	15.10	2.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	526	12	33	33.45	32.08	115.682	6.46	2.20	99	999	999.0	9.99	999.9	999.9	P 0
2	76	526	18	38	57.71	32.93	117.101	1.96	2.30	99	999	999.0	9.99	999.9	999.9	P 0
2	76	526	19	17	28.68	34.46	116.924	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	526	23	34	51.64	33.10	117.297	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
2	76	526	23	48	39.58	32.87	116.090	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P 0
2	76	527	9	37	40.83	32.86	115.431	12.50	3.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	528	14	8	46.90	34.22	117.436	6.16	2.10	99	999	999.0	9.99	999.9	999.9	P 0
2	76	528	18	52	29.74	32.25	115.446	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P C
2	76	528	19	4	35.83	32.23	115.430	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P 0
2	76	528	20	50	17.69	32.29	115.499	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
2	76	528	22	4	39.67	35.21	118.256	5.25	2.20	99	999	999.0	9.99	999.9	999.9	P C
2	76	529	20	38	5.90	34.267	117.492	9.60	3.00	99	999	999.0	9.99	999.9	999.9	P C
2	76	529	21	33	11.85	32.25	115.443	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	529	22	31	31.04	35.031	117.687	3.41	2.00	99	999	999.0	9.99	999.9	999.9	P C
2	76	530	14	1	9.46	32.31	115.505	14.10	2.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	530	16	31	3.88	32.31	115.499	4.20	3.10	99	999	999.0	9.99	999.9	999.9	P 0
2	76	530	23	28	49.94	35.82	117.984	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
2	76	531	4	7	14.03	35.352	118.534	6.73	2.50	99	999	999.0	9.99	999.9	999.9	P 0
2	76	531	16	1	9.03	34.374	117.241	5.22	2.00	99	999	999.0	9.99	999.9	999.9	P 0
2	76	531	20	42	16.23	33.957	115.434	4.48	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	531	22	33	13.52	32.34	115.493	4.39	2.60	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 1	2	32	6.53	32.33	115.522	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 1	3	23	48.49	32.33	115.527	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 1	6	54	2.78	33.754	115.870	12.50	2.30	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 1	10	24	44.97	36.599	116.153	12.40	3.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 1	17	9	3.70	33.887	116.999	12.70	2.00	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	0	39	20.43	32.280	115.501	7.49	2.50	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	4	35	39.23	32.952	117.675	11.30	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	5	32	37.13	36.029	117.988	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	7	37	46.86	32.330	115.515	11.80	2.60	99	999	999.0	9.99	999.9	999.9	P C
2	76	6 2	7	52	47.72	32.902	117.694	4.46	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	13	47	32.28	35.213	118.600	12.50	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 2	22	34	12.32	32.893	116.352	7.25	2.10	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	0	53	24.84	32.403	115.223	7.05	3.00	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	1	18	19.66	32.414	115.190	16.70	2.40	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	5	29	16.99	32.412	115.188	8.30	3.20	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	8	26	47.95	34.394	118.332	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	15	45	49.46	35.261	118.315	5.42	2.30	99	999	999.0	9.99	999.9	999.9	P C
2	76	6 3	18	11	41.44	34.085	116.781	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	18	21	51.76	34.384	116.589	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 3	19	36	4.41	32.930	117.089	2.62	1.90	99	999	999.0	9.99	999.9	999.9	P 0
2	76	6 4	0	30	3.43	33.989	116.323	2.35	2.00	99	999	999.0	9.99	999.9	999.9	P 0

	76	622	8	35	57.19	34.249	117.535	4.50	2.40	99	999	999.0	9.99	999.9	999.9	P	0
	76	622	18	14	44.25	33.147	117.797	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
	76	623	1	51	25.95	34.134	117.320	3.70	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	624	4	15	17.86	36.09	118.278	4.38	2.90	99	999	999.0	9.99	999.9	999.9	P	0
	76	624	5	13	48.63	36.02	118.136	3.19	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	624	6	43	2.72	36.15	118.312	6.41	2.20	99	999	999.0	9.99	999.9	999.9	P	0
	76	624	9	56	36.13	33.5	116.453	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	625	4	55	4.31	34.26	117.517	7.09	1.70	99	999	999.0	9.99	999.9	999.9	P	0
	76	626	11	26	9.90	33.84	116.278	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
	76	626	22	46	59.70	33.97	117.163	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	3	56	9.10	34.05	117.203	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	3	57	38.00	32.66	116.103	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	12	6	35.50	34.18	117.672	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	17	39	53.20	35.23	118.573	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	22	0	56.68	34.04	118.296	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
	76	627	22	19	0.50	33.36	118.207	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
	76	628	5	53	3.50	33.11	115.668	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
	76	628	11	45	5.38	33.93	116.575	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	630	4	10	20.30	34.01	116.343	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
	76	630	18	38	15.07	32.8	117.023	6.46	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	4 2	20	9	49.00	33.9	115.963	10.62	1.56	9	145	15.9	0.06	0.5	0.5	B	1
	76	4 6	0	33	33.46	34.3	116.354	0.10	1.91	9	202	24.2	0.11	1.1	4.6	C	1
	76	4 7	13	31	24.53	33.9	116.338	1.77	1.42	11	107	13.5	0.17	1.1	2.5	C	1
	76	4 9	15	53	43.71	33.9	116.267	0.45	1.48	7	195	7.6	0.15	1.7	7.3	D	1
	76	4 9	23	52	7.48	33.9	115.962	8.82	1.75	12	143	15.4	0.12	0.7	1.1	B	1
	76	410	0	20	5.43	33.8	115.660	8.10	1.37	7	146	20.7	0.09	0.9	4.1	C	1
	76	410	2	39	12.89	34.1	116.593	2.14	2.12	24	64	5.6	0.19	0.5	2.2	B	1
	76	410	3	26	28.52	33.9	116.351	2.17	1.17	10	204	16.0	0.23	1.4	3.3	C	1
	76	410	10	38	33.42	33.9	116.357	2.07	1.72	19	99	16.3	0.20	0.6	3.6	C	1
	76	411	16	29	1.79	33.9	116.263	2.10	1.68	11	142	7.5	0.25	1.6	3.8	C	1
	76	419	0	38	46.75	34.2	116.163	11.85	1.31	10	143	11.8	0.11	1.0	1.0	B	1
	76	419	15	56	29.81	34.2	116.328	0.74	1.71	10	170	18.8	0.12	0.5	3.7	C	1
	76	423	16	30	52.77	33.9	116.257	7.09	1.39	5	201	6.3	0.09	2.2	3.1	C	1
	76	424	17	19	43.36	34.2	116.328	4.32	1.33	5	209	19.0	0.01	0.2	1.7	C	1
	76	424	18	1	35.01	33.9	116.263	1.80	1.13	5	186	6.7	0.07	1.2	165.3	D	1
	76	4 2	7	1	25.13	32.7	115.434	16.60	1.83	12	147	11.6	0.19	1.3	0.9	C	1
	76	4 2	14	3	3.76	32.8	115.777	0.80	2.06	5	120	4.9	0.73	8.9	0.0	D	1
	76	4 4	5	12	51.49	32.59	115.224	13.42	2.63	13	183	17.9	0.40	2.6	3.5	D	1
	76	4 4	5	20	38.14	32.59	115.256	20.22	1.90	5	177	12.1	0.17	3.5	3.4	D	1
	76	4 4	17	7	15.22	32.99	115.556	12.89	1.82	10	94	13.3	0.24	1.5	2.2	B	1
	76	4 5	22	19	39.95	32.53	115.223	19.77	2.98	19	184	18.5	0.34	2.1	1.1	D	1
	76	4 6	7	31	25.69	32.75	115.419	14.58	2.13	15	133	12.1	0.29	1.5	1.1	B	1
	76	4 9	23	47	51.65	32.55	115.282	14.72	2.24	19	187	15.2	0.30	2.0	1.8	D	1
	76	410	12	35	6.04	33.04	115.552	10.31	0.49	12	101	5.7	0.20	1.0	1.7	B	1
	76	410	15	6	2.24	32.41	115.166	9.77	1.37	12	217	32.3	0.32	3.2	2.7	D	1
	76	411	22	50	50.49	32.97	115.739	5.23	0.0	5	154	8.3	0.04	0.8	2.1	C	1
	76	413	17	32	47.79	32.85	115.501	4.60	0.93	6	130	6.0	0.10	1.5	2.7	B	1
	76	414	3	59	29.67	32.87	115.484	10.27	1.06	8	91	4.8	0.16	1.5	1.2	B	1
	76	414	3	59	41.27	32.80	115.493	9.81	1.92	11	80	4.1	0.26	1.7	1.9	B	1
	76	414	4	3	36.43	32.67	115.486	10.60	2.29	22	69	4.8	0.43	1.5	1.9	B	1
	76	414	4	8	3.77	32.87	115.484	11.81	2.24	21	95	4.7	0.31	1.2	1.4	C	1
	76	414	4	9	35.64	32.863	115.500	9.16	1.40	10	109	5.9	0.52	3.3	4.8	C	1
	76	414	4	23	59.54	32.877	115.482	10.85	1.43	23	69	4.6	0.33	1.1	1.4	B	1
	76	414	4	30	17.55	32.881	115.501	8.34	0.40	10	109	4.9	0.25	1.6	1.8	B	1
	76	414	4	34	0.79	32.883	115.501	9.20	1.52	15	78	4.3	0.33	1.4	1.7	B	1
	76	414	4	34	17.88	32.880	115.501	7.25	1.36	11	89	5.0	0.25	1.3	2.3	B	1
	76	414	4	34	33.08	32.882	115.491	10.30	2.07	17	66	4.9	0.34	1.5	2.2	B	1
	76	414	4	42	0.71	32.884	115.489	11.67	2.47	27	66	4.6	0.35	1.1	1.4	B	1
	76	414	4	47	5.56	32.886	115.495	9.66	1.77	15	83	4.4	0.30	1.4	1.6	B	1
	76	414	4	49	0.22	32.881	115.495	9.65	1.29	14	89	5.0	0.30	1.4	1.9	B	1
	76	414	5	14	55.99	32.883	115.492	10.66	1.71	16	87	4.9	0.27	1.2	1.4	B	1
	76	414	5	18	0.12	32.8	115.495	10.10	2.34	21	72	3.7	0.31	1.1	1.5	B	1

	76	414	5	25	49.43	32.88	115.502	9.55	1.15	12	103	4.2	0.28	1.6	1.6	B	1	
	76	414	5	46	4.17	32.89	115.509	7.70	0.81	9	97	3.3	0.55	4.4	5.5	C	1	
	76	414	6	15	51.45	32.88	115.496	9.13	1.43	14	89	5.0	0.26	1.3	1.4	B	1	
	76	414	7	4	42.14	32.88	115.501	7.74	1.06	8	84	4.5	0.19	1.5	2.3	B	1	
	76	414	7	11	41.83	32.89	115.496	10.18	1.96	17	65	4.5	0.29	1.3	1.4	B	1	
	76	414	7	19	14.68	32.87	115.489	7.95	0.83	14	101	5.0	0.58	2.5	4.2	C	1	
	76	414	7	22	23.71	32.901	115.501	7.27	1.96	15	81	2.7	0.44	1.9	2.7	B	1	
	76	414	7	24	48.56	32.895	115.492	9.90	1.10	13	84	4.5	0.30	1.5	1.7	B	1	
	76	414	7	29	10.44	32.886	115.497	8.96	1.06	11	84	4.5	0.30	1.7	2.0	B	1	
	76	414	7	48	28.44	32.883	115.497	9.10	0.94	11	86	4.7	0.23	1.3	1.6	B	1	
	76	414	7	54	22.87	32.879	115.492	9.71	1.03	15	63	5.3	0.32	1.5	1.8	B	1	
	76	414	8	14	48.69	32.873	115.495	10.18	1.03	15	63	5.5	0.31	1.4	1.8	B	1	
	76	414	8	18	39.78	32.891	115.496	10.70	2.13	23	63	3.8	0.33	1.1	1.4	B	1	
	76	414	11	3	28.09	32.896	115.501	8.73	0.86	12	74	3.3	0.30	1.6	1.9	B	1	
	76	414	11	8	53.95	32.869	115.495	9.97	1.20	13	83	4.3	0.28	1.5	1.6	B	1	
	76	414	11	11	0.85	32.863	115.490	6.90	0.45	7	131	5.0	0.25	2.4	3.5	B	1	
	76	414	11	13	29.48	32.875	115.492	9.22	1.44	18	68	5.4	0.48	1.8	2.4	B	1	
	76	414	11	14	22.62	32.880	115.484	9.40	1.35	16	70	5.0	0.40	1.7	1.9	B	1	
	76	414	11	52	53.66	32.880	115.492	10.79	2.02	22	66	5.1	0.32	1.1	1.5	B	1	
	76	414	12	18	59.00	32.875	115.487	13.11	1.91	22	68	5.0	0.33	1.2	1.5	B	1	
	76	414	12	44	17.63	32.871	115.492	9.80	0.85	14	95	5.4	0.31	1.5	1.8	C	1	
	76	414	12	46	57.40	32.888	115.501	7.42	1.73	15	77	4.5	0.26	1.2	2.0	B	1	
	76	414	15	12	10.65	32.871	115.493	9.80	1.10	11	121	5.9	0.24	1.5	1.5	B	1	
	76	414	15	46	3.91	32.858	115.504	3.00	0.75	7	133	6.3	0.09	0.8	4.2	B	1	
	76	414	15	56	51.51	32.893	115.488	9.27	0.93	10	76	3.9	0.26	1.6	1.6	B	1	
	76	414	17	12	12.46	32.877	115.494	8.35	1.01	11	111	5.1	0.22	1.4	1.5	B	1	
	76	414	17	20	29.78	32.879	115.489	9.38	2.11	19	68	5.2	0.38	1.4	1.9	B	1	
	76	414	17	23	32.92	32.872	115.492	9.63	1.32	14	98	5.3	0.41	2.0	2.6	C	1	
	76	414	18	36	25.58	32.858	115.497	9.80	2.24	7	113	4.3	0.16	2.1	1.2	B	1	
	76	414	18	37	8.08	32.864	115.501	8.41	0.0	5	166	2.4	0.03	1.3	0.5	C	1	
	76	414	19	21	3.43	32.89	115.486	9.91	2.36	8	119	5.1	0.15	1.3	1.3	B	1	
	76	414	19	47	51.15	32.892	115.486	10.38	2.46	25	67	5.0	0.34	1.1	1.5	B	1	
	76	414	19	49	9.70	32.87	115.492	10.19	1.38	9	133	5.3	0.23	1.9	1.5	B	1	
	76	414	20	18	25.05	32.8	115.488	8.46	0.78	5	131	4.8	0.12	10.7	20.5	D	1	
	76	414	21	42	9.93	33.0	115.760	6.21	2.05	5	178	14.3	0.0	0.1	0.2	C	1	
	76	414	21	44	8.54	32.87	115.485	9.44	1.82	17	98	4.7	0.37	1.6	1.7	C	1	
	76	414	23	10	15.48	32.86	115.487	9.33	1.18	14	131	4.7	0.39	1.9	2.4	C	1	
	76	415	12	58	52.52	32.54	115.252	13.24	1.33	12	184	14.9	0.27	2.0	2.1	C	1	
	76	416	8	2	13.97	32.5	115.256	19.65	1.70	8	190	13.2	0.16	1.8	1.0	C	1	
	76	418	4	27	25.82	32.74	115.410	15.43	2.42	21	137	13.2	0.35	1.6	1.3	C	1	
	76	418	4	28	47.95	32.76	115.420	12.61	1.44	10	130	11.4	0.12	0.8	1.6	B	1	
	76	419	6	11	25.13	32.8	115.481	8.43	1.18	5	168	4.4	0.04	0.8	0.9	C	1	
	76	420	12	29	46.09	32.9	115.564	9.82	2.19	13	108	9.1	0.35	1.3	2.5	C	1	
	76	421	7	38	17.49	32.9	115.643	12.77	1.40	10	120	11.3	0.17	1.2	2.4	B	1	
	76	422	21	1	38.98	32.8	115.602	16.06	2.20	11	94	9.1	0.16	1.1	1.9	B	1	
	76	422	23	16	8.63	32.8	115.911	16.82	1.66	6	169	8.9	0.27	4.1	6.8	C	1	
	76	424	5	58	13.65	32.9	115.607	9.02	1.30	9	113	10.2	0.23	1.6	5.2	C	1	
	76	426	6	51	33.20	33.1	115.648	9.31	1.72	12	149	3.7	0.22	1.3	2.2	C	1	
	76	426	6	52	50.25	33.1	115.638	11.69	2.30	18	72	4.1	0.26	1.1	1.4	B	1	
	76	426	7	1	6.85	33.1	115.638	10.81	1.81	11	133	4.2	0.23	1.6	2.3	B	1	
	76	426	7	32	20.28	33.1	115.662	17.08	1.64	12	195	2.4	0.20	2.2	2.2	C	1	
	76	426	10	10	30.19	33.1	115.650	10.28	1.56	11	148	4.5	0.29	2.1	3.2	C	1	
	76	426	12	16	45.35	33.1	115.654	11.35	1.27	8	190	3.6	0.31	3.4	3.7	C	1	
	76	427	20	9	2.59	33.1	115.638	6.33	1.79	14	134	3.6	0.22	1.1	1.3	B	1	
	76	428	4	35	9.26	33.1	115.600	7.79	2.25	16	97	6.0	0.28	1.3	1.6	B	1	
	76	428	13	26	26.48	32.83	115.491	5.71	1.76	5	142	5.9	0.03	0.5	1.0	C	1	
	76	428	17	12	37.94	32.960	115.559	13.67	2.00	11	98	11.9	0.13	0.7	0.9	B	1	
	76	428	23	11	20.87	33.137	115.632	5.00	2.25	14	142	3.3	0.59	2.9	4.2	D	1	
	76	428	23	35	11.39	33.138	115.626	7.34	2.38	18	116	3.9	0.32	1.3	1.7	C	1	
	76	429	21	25	58.67	32.4	115.135	7.39	2.37	13	214	34.6	0.27	2.3	2.9	C	1	
	76	430	17	46	52.97	32.86	115.499	8.14	1.34	6	125	5.9	0.14	1.8	2.7	B	1	
	76	5	14	47	9.83	34.0	115.732	9.82	2.18	10	137	19.5	0.09	0.6	2.6	C	1	

42[illegible]	76 5 7	14	49	30.55	34.064	116.698	3.83	2.83	17	121	20.0	0.11	0.5	0.[illegible]	B	1	
42[illegible]	76 5 8	14	43	16.42	34.061	116.304	0.01	1.35	5	160	14.3	0.11	1.5	242.[illegible]	D	1	
4[illegible]	76 5 9	19	18	38.11	33.805	115.766	12.25	2.00	6	170	19.3	0.06	0.8	2.[illegible]	C	1	
4[illegible]	76 5 9	23	25	25.66	33.80[illegible]	115.76[illegible]	13.[illegible]	1.27	7	170	19.4	0.07	0.8	2.[illegible]	C	1	
4[illegible]	76 510	10	17	6.50	34.47[illegible]	116.393	3.[illegible]7	1.74	11	216	31.6	0.12	1.[illegible]	20.[illegible]	D	1	
4[illegible]	76 510	16	17	19.28	34.516	116.504	2.[illegible]1	1.[illegible]3	8	144	15.6	0.11	1.[illegible]	1.[illegible]	B	1	
4[illegible]	76 510	19	50	0.82	33.96[illegible]	115.890	0.11	1.40	8	132	28.3	0.08	0.[illegible]	110.1	C	1	
4[illegible]	76 512	7	31	9.48	34.06[illegible]	116.490	5.[illegible]0	1.09	7	215	17.7	0.16	2.[illegible]	14.6	D	1	
4[illegible]	76 512	12	8	49.01	34.46[illegible]	116.889	2.28	0.0	21	103	23.0	0.16	0.[illegible]	1.[illegible]5	C	1	
4[illegible]	76 514	9	37	52.48	34.28[illegible]	116.830	7.[illegible]5	1.43	11	117	15.3	0.13	0.7	1.4	B	1	
4[illegible]	76 515	14	41	50.45	34.49[illegible]	116.499	1.14	1.74	13	200	19.5	0.14	1.4	194.3	D	1	
4[illegible]	76 515	16	12	36.03	34.28[illegible]	116.622	11.38	1.41	10	150	9.0	0.05	0.4	0.6	B	1	
4[illegible]	76 527	15	29	8.13	34.27[illegible]	116.301	7.14	1.91	8	173	18.1	0.04	0.4	0.5	B	1	
4[illegible]	76 531	9	14	40.63	34.22[illegible]	116.796	9.[illegible]9	0.0	10	174	20.4	0.14	0.9	3.3	C	1	
4[illegible]	76 5 3	1	56	32.05	33.25[illegible]	115.972	4.12	1.56	9	184	32.3	0.33	3.3	4.2	D	1	
4[illegible]	76 5 3	8	17	3.06	33.26[illegible]	115.974	3.[illegible]0	1.37	10	166	35.7	0.16	1.2	2.5	C	1	
4[illegible]	76 5 5	16	31	29.50	33.14[illegible]	115.619	6.[illegible]9	2.27	17	100	3.2	0.29	1.2	1.9	B	1	
4[illegible]	76 5 5	14	20	32.67	33.07[illegible]	115.699	5.10	1.94	9	104	11.8	0.37	2.6	10.1	C	1	
4[illegible]	76 515	14	59	8.95	32.61[illegible]	115.820	6.[illegible]0	1.25	6	210	9.7	0.03	0.5	0.9	C	1	
4[illegible]	76 516	23	47	0.31	33.27[illegible]	116.113	0.[illegible]1	2.58	21	138	44.2	0.26	0.9	6.8	C	1	
4[illegible]	76 518	15	33	35.31	32.96[illegible]	115.513	10.[illegible]5	0.86	10	102	9.9	0.10	0.5	0.7	B	1	
4[illegible]	76 518	22	49	19.23	33.01[illegible]	116.055	0.[illegible]6	2.03	12	110	16.1	0.14	0.9	5.5	C	1	
4[illegible]	76 523	4	0	15.74	32.38[illegible]	115.570	14.[illegible]1	1.12	14	80	10.9	0.26	1.2	1.3	B	1	
4[illegible]	76 523	6	11	11.69	32.56[illegible]	115.340	12.[illegible]6	0.56	13	65	14.4	0.42	2.1	5.7	C	1	
4[illegible]	76 524	19	39	26.72	33.21[illegible]	115.611	0.[illegible]5	1.43	7	171	5.8	0.14	1.6	206.2	C	1	
4[illegible]	76 525	17	52	44.56	32.94[illegible]	115.549	15.[illegible]3	1.69	7	111	13.2	0.07	0.6	1.2	B	1	
4[illegible]	76 528	7	28	52.93	33.26[illegible]	116.046	3.[illegible]7	2.07	20	129	39.5	0.24	0.9	1.9	C	1	
4[illegible]	76 530	20	54	44.58	32.63[illegible]	115.494	9.[illegible]6	1.11	5	161	5.9	0.02	0.5	1.0	C	1	
4[illegible]	76 531	9	24	12.39	32.95[illegible]	115.673	5.[illegible]0	1.61	8	100	13.6	0.20	1.8	13.2	C	1	
4[illegible]	76 6 4	23	35	56.96	34.99[illegible]	116.704	3.30	2.05	9	135	30.4	0.16	1.3	2.0	C	1	
4[illegible]	76 6 7	11	53	59.42	34.27[illegible]	116.328	0.[illegible]2	1.30	7	131	17.6	0.09	0.9	13[illegible].4	C	1	
4[illegible]	76 6 8	8	1	31.38	33.81[illegible]	115.543	13.[illegible]1	1.29	9	147	8.0	0.13	0.9	1.9	B	1	
4[illegible]	76 6 8	8	28	54.54	33.99[illegible]	116.370	2.[illegible]7	1.47	7	210	17.4	0.07	0.8	1[illegible].7	D	1	
4[illegible]	76 6 8	22	45	21.77	33.21[illegible]	116.018	8.[illegible]0	2.16	9	179	71.6	0.39	4.3	5.6	D	1	
4[illegible]	76 610	8	36	31.39	33.77[illegible]	115.601	2.29	1.59	8	172	18.4	0.10	0.9	1[illegible].3	C	1	
4[illegible]	76 610	11	39	18.05	33.76[illegible]	115.615	5.[illegible]0	1.68	7	178	19.0	0.10	1.1	[illegible].7	C	1	
4[illegible]	76 610	11	43	57.98	33.77[illegible]	115.602	2.35	1.67	7	152	18.7	0.05	1.1	[illegible].8	C	1	
4[illegible]	76 611	0	43	10.26	33.76[illegible]	115.668	8.[illegible]9	1.39	8	111	13.2	0.08	0.6	[illegible].0	B	1	
4[illegible]	76 615	15	57	36.06	34.29[illegible]	116.440	6.[illegible]7	1.58	6	134	13.1	0.03	0.5	[illegible].3	B	1	
4[illegible]	76 615	19	27	12.[illegible]1	34.2[illegible]	116.436	2.[illegible]7	1.47	7	125	10.0	0.07	0.7	1[illegible].8	C	1	
4[illegible]	76 617	5	43	32.40	33.75[illegible]	115.925	3.22	1.92	12	199	27.4	0.25	1.6	[illegible].3	D	1	
4[illegible]	76 617	19	33	17.18	33.84[illegible]	115.740	5.[illegible]0	1.79	11	141	10.8	0.32	2.1	[illegible].5	C	1	
4[illegible]	76 618	20	44	58.45	34.39[illegible]	116.358	0.[illegible]4	1.67	10	105	31.0	0.22	1.3	2[illegible].4	C	1	
4[illegible]	76 619	10	32	40.95	33.52[illegible]	116.301	6.[illegible]9	1.71	10	107	52.3	0.13	0.7	6.[illegible]	D	1	
4[illegible]	76 620	11	55	0.22	33.39[illegible]	116.236	5.[illegible]0	1.70	8	114	53.7	0.14	1.5	42.0	D	1	
4[illegible]	76 624	15	12	42.94	33.75[illegible]	115.841	14.[illegible]8	1.57	9	190	25.2	0.74	6.9	5.5	D	1	
4[illegible]	76 625	10	5	59.45	34.17[illegible]	116.415	0.37	0.0	7	142	15.2	0.14	1.1	9.4	C	1	
4[illegible]	76 628	20	20	47.63	34.49[illegible]	116.549	7.45	1.71	6	162	21.8	0.07	0.8	4.5	C	1	
4[illegible]	76 629	0	57	26.54	33.9[illegible]	116.408	3.[illegible]1	1.60	10	120	19.9	0.12	0.7	13.9	C	1	
4[illegible]	76 6 1	2	24	55.28	32.7[illegible]	115.455	13.[illegible]8	1.09	7	115	7.6	0.25	2.7	4.0	C	1	
4[illegible]	76 6 1	5	37	26.15	32.8[illegible]	115.404	14.[illegible]9	0.65	7	143	6.3	0.20	1.8	1.6	C	1	
4[illegible]	76 6 2	15	55	28.00	32.8[illegible]	115.475	8.44	1.12	6	155	7.1	0.05	0.7	1.2	B	1	
4[illegible]	76 6 5	8	13	44.62	33.0[illegible]	115.60[illegible]	9.[illegible]5	2.14	13	101	8.4	0.28	1.0	1.7	B	1	
4[illegible]	76 6 5	19	32	10.36	32.7[illegible]	116.021	12.[illegible]5	1.25	5	143	11.3	0.03	0.9	2.0	C	1	
4[illegible]	76 6 6	10	17	32.36	33.0[illegible]	115.592	9.[illegible]4	0.65	6	116	9.7	0.11	1.5	4.5	B	1	
4[illegible]	76 6 6	19	14	20.60	32.8[illegible]	115.786	20.[illegible]0	1.71	7	121	13.0	0.33	4.3	5.4	C	1	
[illegible]	76 613	6	42	35.86	33.1[illegible]	115.638	8.33	1.28	11	133	4.2	0.18	1.1	1.1	B	1	
4[illegible]	76 616	12	9	0.35	32.4[illegible]	115.235	12.[illegible]9	1.29	10	210	25.1	0.24	2.7	2.0	D	1	
4[illegible]	76 617	5	24	38.10	32.7[illegible]	115.425	17.[illegible]5	0.94	10	146	14.5	0.16	1.2	2.0	C	1	
4[illegible]	76 621	5	30	4.36	32.8[illegible]	115.465	10.[illegible]2	1.05	15	104	5.1	0.39	1.9	1.5	C	1	
4[illegible]	76 623	10	34	37.54	32.4[illegible]	115.[illegible]53	13.[illegible]9	1.54	13	207	32.0	0.36	3.1	3.2	D	1	
[illegible]	76 623	12	30	49.15	32.4[illegible]	115.140	20.[illegible]4	2.29	14	205	30.3	0.19	1.8	1.6	C	1	

49	75	623	23	39	10.14	32.744	115.438	9.7	1.88	10	151	13.0	0.30	2.3	2.4	C 1
49	75	625	9	45	31.98	33.102	115.633	7.6	1.30	12	142	14.5	0.20	1.1	2.0	C 1
49	75	625	15	20	33.98	32.832	115.474	13.1	1.64	11	101	5.0	0.30	1.9	2.1	B 1
49	75	625	21	39	26.10	32.750	115.438	15.6	1.17	15	136	12.4	0.15	0.8	0.7	B 1
49	75	627	13	5	55.72	33.057	115.573	10.7	0.76	9	90	7.7	0.19	1.2	2.1	B 1
49	75	628	5	37	59.75	33.108	115.623	10.7	1.84	17	117	6.7	0.25	1.0	1.9	B 1
49	75	628	7	15	4.61	32.671	115.395	13.1	1.10	7	166	12.2	0.03	0.4	0.7	B 1
49	75	628	11	48	6.70	32.701	115.410	15.6	1.40	12	158	13.3	0.14	1.0	0.9	B 1
49	75	630	0	46	20.38	32.732	115.450	14.6	1.14	8	146	9.0	0.16	1.7	1.5	C 1
49	75	630	21	31	1.12	32.961	115.352	8.5	1.85	8	153	2.7	0.13	1.2	1.1	C 1
50	75	630	21	48	59.41	32.899	115.598	17.0	1.66	14	77	13.3	0.23	1.2	1.0	B 1

3RD QUARTER, 1976. PRELIMINARY EPICENTERS--FUIS, FRIEDMAN, & HILEMAN

	YYMMDD	HR	MIN	SEC	LAT	LONG	DEPTH	MAG	NC	GAP	DMIN	RMS	ERH	ERZ	Q	M
1	76 7 1	2	45	10.26	32.834	115.581	21.30	2.20	99	999	999.0	9.99	999.9	999.9	P	0
2	76 7 1	9	2	48.21	33.947	117.741	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	C
3	76 7 1	17	41	12.65	33.008	116.070	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
4	76 7 1	19	39	59.26	35.307	118.520	5.08	2.30	99	999	999.0	9.99	999.9	999.9	P	0
5	76 7 1	20	58	16.37	34.302	116.995	8.00	0.0	99	999	999.0	9.99	999.9	999.9	P	0
6	76 7 3	16	1	30.09	33.752	118.575	7.10	1.80	99	999	999.0	9.99	999.9	999.9	P	0
7	76 7 3	17	40	32.12	34.101	116.403	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
8	76 7 4	6	6	6.99	35.065	117.109	4.48	2.30	99	999	999.0	9.99	999.9	999.9	P	0
9	76 7 5	1	16	36.11	34.670	119.980	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	C
10	76 7 5	9	38	53.23	35.090	119.256	4.38	2.50	99	999	999.0	9.99	999.9	999.9	P	C
11	76 7 5	13	59	57.97	33.965	116.838	14.90	2.50	99	999	999.0	9.99	999.9	999.9	P	C
12	76 7 6	9	39	31.99	33.55c	118.262	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	C
13	76 7 6	11	11	49.11	33.513	116.564	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	C
14	76 7 6	12	3	25.84	33.439	116.464	5.39	1.80	99	999	999.0	9.99	999.9	999.9	P	0
15	76 7 6	17	21	56.95	32.833	115.435	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	C
16	76 7 6	20	36	43.97	34.278	116.955	8.00	0.0	99	999	999.0	9.99	999.9	999.9	P	C
17	76 7 7	5	37	58.14	31.700	116.079	12.20	2.60	99	999	999.0	9.99	999.9	999.9	P	C
18	76 7 7	11	31	4.04	35.121	118.375	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
19	76 7 7	18	27	36.30	37.646	118.361	8.00	3.50	99	999	999.0	9.99	999.9	999.9	P	C
20	76 7 7	18	41	4.99	32.919	117.100	6.28	2.20	99	999	999.0	9.99	999.9	999.9	P	C
21	76 7 7	18	58	21.83	37.346	118.838	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	C
22	76 7 8	0	31	25.22	32.053	115.696	12.80	2.90	99	999	999.0	9.99	999.9	999.9	P	C
23	76 7 8	4	56	27.44	34.267	117.541	5.63	2.60	99	999	999.0	9.99	999.9	999.9	P	C
24	76 7 8	11	29	27.79	32.944	115.356	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	C
25	76 7 9	0	44	4.58	32.520	115.277	6.12	2.60	99	999	999.0	9.99	999.9	999.9	P	C
26	76 7 9	1	12	43.35	32.551	115.295	5.62	2.40	99	999	999.0	9.99	999.9	999.9	P	C
27	76 7 9	10	52	29.25	33.041	115.769	16.60	1.90	99	999	999.0	9.99	999.9	999.9	P	C
28	76 7 9	15	46	25.63	33.495	117.101	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	0
29	76 710	4	18	48.84	31.885	115.775	12.50	4.00	99	999	999.0	9.99	999.9	999.9	P	0
30	76 710	4	37	47.44	33.282	115.662	10.30	2.70	99	999	999.0	9.99	999.9	999.9	P	0
31	76 710	6	23	15.21	33.974	116.254	4.55	2.40	99	999	999.0	9.99	999.9	999.9	P	C
32	76 710	17	20	56.91	32.829	117.444	11.50	2.70	99	999	999.0	9.99	999.9	999.9	P	C
33	76 710	17	33	14.98	33.272	115.676	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
34	76 710	18	22	6.51	32.905	116.255	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
35	76 710	19	59	18.59	31.968	115.891	4.13	2.40	99	999	999.0	9.99	999.9	999.9	P	0
36	76 711	3	51	12.96	35.665	118.329	5.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
37	76 711	12	1	24.54	33.586	117.707	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	C
38	76 711	18	37	17.64	33.560	116.780	7.17	1.80	99	999	999.0	9.99	999.9	999.9	P	C
39	76 712	4	35	8.28	31.914	116.020	22.80	2.90	99	999	999.0	9.99	999.9	999.9	P	C
40	76 712	6	17	53.97	34.197	117.334	5.52	2.50	99	999	999.0	9.99	999.9	999.9	P	C
41	76 712	20	59	6.98	31.817	116.043	10.70	2.40	99	999	999.0	9.99	999.9	999.9	P	0
42	76 713	13	50	41.80	34.430	118.338	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	0
43	76 718	15	18	38.50	34.203	117.525	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	C
44	76 713	19	42	25.50	33.756	115.674	0.32	2.90	99	999	999.0	9.99	999.9	999.9	P	0
45	76 714	5	46	17.40	32.988	116.243	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	C
46	76 714	5	50	10.40	32.967	116.278	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
47	76 714	16	42	8.28	33.329	116.363	16.80	1.90	99	999	999.0	9.99	999.9	999.9	P	C
48	76 714	20	19	37.65	33.489	116.457	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	C
49	76 714	20	19	59.29	33.484	116.521	17.40	3.00	99	999	999.0	9.99	999.9	999.9	P	0
50	76 715	0	51	34.46	35.980	116.962	5.91	2.10	99	999	999.0	9.99	999.9	999.9	P	0
51	76 715	2	27	40.31	33.883	118.131	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	C
52	76 715	4	46	29.63	36.368	117.573	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	0
53	76 715	22	43	34.79	33.884	116.770	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
54	76 716	7	1	57.01	33.314	116.379	18.20	2.70	99	999	999.0	9.99	999.9	999.9	P	C
55	76 716	10	0	15.38	32.141	115.698	3.69	2.30	99	999	999.0	9.99	999.9	999.9	P	C

114	76	8	4	10	24	58.10	33.000	116.242	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	C
115	76	8	4	10	15	51.00	32.965	116.290	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	C
116	76	8	4	10	32	12.20	32.967	116.275	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	C
117	76	8	4	18	53	20.03	32.971	116.296	10.30	2.30	99	999	999.0	9.99	999.9	999.9	P	C
118	76	8	4	22	47	10.90	34.380	119.256	3.32	2.30	99	999	999.0	9.99	999.9	999.9	P	C
119	76	8	6	9	49	34.20	35.095	119.085	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	C
120	76	8	6	10	12	7.00	33.215	116.777	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	C
121	76	8	6	18	37	11.78	32.949	117.101	1.11	2.40	99	999	999.0	9.99	999.9	999.9	P	C
122	76	8	6	18	48	17.33	33.995	117.376	17.10	2.00	99	999	999.0	9.99	999.9	999.9	P	C
123	76	8	7	1	39	23.09	33.407	116.573	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	C
124	76	8	7	11	7	45.87	34.966	116.964	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	C
125	76	8	7	16	29	13.41	35.021	117.006	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	C
126	76	8	7	23	46	55.08	32.995	116.109	9.25	2.00	99	999	999.0	9.99	999.9	999.9	P	C
127	76	8	8	5	44	5.25	33.174	116.142	1.06	1.80	99	999	999.0	9.99	999.9	999.9	P	C
128	76	8	8	19	37	51.57	33.965	116.041	16.50	3.70	99	999	999.0	9.99	999.9	999.9	P	C
129	76	8	9	10	54	30.02	34.327	118.516	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	C
130	76	8	9	11	0	36.65	33.782	118.838	2.05	2.40	99	999	999.0	9.99	999.9	999.9	P	C
131	76	8	10	7	16	12.76	33.340	117.632	15.50	2.00	99	999	999.0	9.99	999.9	999.9	P	C
132	76	8	10	9	19	56.83	32.171	115.564	2.16	2.20	99	999	999.0	9.99	999.9	999.9	P	C
133	76	8	10	17	27	23.90	35.102	118.303	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	C
134	76	8	11	2	23	10.00	36.222	117.990	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	C
135	76	8	11	15	24	55.50	33.484	116.513	15.40	4.30	99	999	999.0	9.99	999.9	999.9	P	C
136	76	8	12	3	0	39.06	34.211	116.600	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P	C
137	76	8	12	12	49	16.99	34.413	119.935	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	C
138	76	8	13	6	55	51.94	36.515	117.894	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	C
139	76	8	13	10	36	46.75	33.506	116.539	2.01	2.50	99	999	999.0	9.99	999.9	999.9	P	C
140	76	8	15	4	34	18.47	34.275	117.204	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
141	76	8	15	16	41	33.41	33.342	116.454	6.07	2.30	99	999	999.0	9.99	999.9	999.9	P	C
142	76	8	15	17	17	21.86	31.809	116.284	20.00	3.20	99	999	999.0	9.99	999.9	999.9	P	C
143	76	8	16	16	37	21.40	36.194	117.655	8.00	3.70	99	999	999.0	9.99	999.9	999.9	P	C
144	76	8	16	19	21	40.70	36.228	117.579	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	C
145	76	8	17	5	2	30.80	32.763	116.212	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	C
146	76	8	18	1	46	2.39	32.381	115.567	15.60	3.50	99	999	999.0	9.99	999.9	999.9	P	C
147	76	8	18	6	24	47.77	32.001	116.651	12.50	3.40	99	999	999.0	9.99	999.9	999.9	P	C
148	76	8	18	18	44	28.91	32.954	117.078	4.28	1.90	99	999	999.0	9.99	999.9	999.9	P	C
149	76	8	18	23	16	41.09	35.861	118.060	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	C
150	76	8	19	5	44	35.04	35.697	118.434	10.40	2.30	99	999	999.0	9.99	999.9	999.9	P	C
151	76	8	19	8	52	21.28	33.355	117.669	17.70	1.90	99	999	999.0	9.99	999.9	999.9	P	C
152	76	8	19	10	11	1.41	33.217	115.643	16.90	2.30	99	999	999.0	9.99	999.9	999.9	P	C
153	76	8	19	15	9	57.47	34.111	117.433	1.70	2.10	99	999	999.0	9.99	999.9	999.9	P	C
154	76	8	19	20	44	32.69	34.349	117.070	2.09	3.10	99	999	999.0	9.99	999.9	999.9	P	C
155	76	8	19	20	44	43.70	34.291	117.063	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	C
156	76	8	19	21	24	56.29	34.332	117.120	6.04	2.30	99	999	999.0	9.99	999.9	999.9	P	C
157	76	8	20	1	13	17.07	34.347	117.095	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
158	76	8	20	5	14	3.04	33.441	116.522	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	C
159	76	8	20	16	20	12.09	34.344	117.090	4.46	2.30	99	999	999.0	9.99	999.9	999.9	P	C
160	76	8	21	7	2	29.49	34.344	117.115	6.03	1.90	99	999	999.0	9.99	999.9	999.9	P	C
161	76	8	21	7	3	3.35	34.343	117.067	6.14	2.00	99	999	999.0	9.99	999.9	999.9	P	C
162	76	8	21	8	38	48.19	32.474	118.383	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	C
163	76	8	21	12	57	9.33	32.334	115.535	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	C
164	76	8	22	8	9	59.67	34.045	117.469	2.68	3.00	99	999	999.0	9.99	999.9	999.9	P	C
165	76	8	22	12	9	13.32	32.996	117.741	9.17	2.20	99	999	999.0	9.99	999.9	999.9	P	C
166	76	8	22	15	55	37.38	36.002	116.946	3.19	2.10	99	999	999.0	9.99	999.9	999.9	P	C
167	76	8	22	19	45	42.87	32.239	115.000	8.00	2.60	99	999	999.0	9.99	999.9	999.9	P	C
168	76	8	22	23	27	38.56	33.255	116.121	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	C
169	76	8	23	8	55	13.82	35.434	119.750	1.55	2.50	99	999	999.0	9.99	999.9	999.9	P	C
170	76	8	23	10	17	21.62	32.636	115.332	6.71	2.40	99	999	999.0	9.99	999.9	999.9	P	C
171	76	8	24	10	43	53.53	33.919	118.212	12.10	2.40	99	999	999.0	9.99	999.9	999.9	P	C
172	76	8	24	15	40	4.00	32.378	115.550	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	C
173	76	8	25	3	44	23.40	35.063	118.845	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
174	76	8	25	4	58	3.00	35.200	118.562	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	C
175	76	8	25	10	51	32.90	34.977	116.830	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	C

180	76	825	17	26	31.45	34.011	117.299	17.80	2.20	99	999	999.0	9.99	999.9	999.9	P C
181	76	825	23	36	25.19	35.000	116.790	4.50	1.70	99	999	999.0	9.99	999.9	999.9	P C
182	76	827	6	21	54.18	35.505	118.439	3.23	3.10	99	999	999.0	9.99	999.9	999.9	P C
183	76	827	10	55	47.30	34.938	116.522	4.32	1.80	99	999	999.0	9.99	999.9	999.9	P C
184	76	827	18	40	58.03	32.904	117.043	3.66	1.50	99	999	999.0	9.99	999.9	999.9	P C
185	76	828	0	22	48.99	33.715	117.966	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P C
186	76	828	1	2	54.96	33.997	118.264	2.87	2.60	99	999	999.0	9.99	999.9	999.9	P C
187	76	828	5	18	42.69	31.618	115.306	12.00	2.90	99	999	999.0	9.99	999.9	999.9	P C
188	76	828	5	25	16.55	34.329	116.586	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P C
189	76	828	18	55	36.71	34.383	115.947	1.52	1.90	99	999	999.0	9.99	999.9	999.9	P C
190	76	828	23	20	10.32	33.995	116.677	6.04	2.10	99	999	999.0	9.99	999.9	999.9	P C
191	76	829	5	40	16.59	32.305	116.559	15.00	2.50	99	999	999.0	9.99	999.9	999.9	P C
192	76	829	9	47	55.12	32.419	117.654	1.36	2.50	99	999	999.0	9.99	999.9	999.9	P C
193	76	829	11	37	39.64	34.756	118.392	12.90	2.00	99	999	999.0	9.99	999.9	999.9	P C
194	76	829	11	47	14.25	32.503	116.535	14.20	2.50	99	999	999.0	9.99	999.9	999.9	P C
195	76	829	11	52	1.74	32.309	116.538	13.50	2.60	99	999	999.0	9.99	999.9	999.9	P C
196	76	829	12	8	32.08	33.646	117.877	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P C
197	76	829	12	14	48.19	32.227	115.444	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P C
198	76	829	20	39	22.87	33.796	117.514	1.82	2.00	99	999	999.0	9.99	999.9	999.9	P C
199	76	829	23	11	24.85	33.915	116.849	13.00	1.90	99	999	999.0	9.99	999.9	999.9	P C
200	76	829	8	28	18.73	32.485	115.545	6.47	2.30	99	999	999.0	9.99	999.9	999.9	P C
201	76	830	18	27	30.52	34.410	116.587	7.10	2.00	99	999	999.0	9.99	999.9	999.9	P C
202	76	830	18	39	54.06	34.375	116.592	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P C
203	76	831	0	27	52.85	34.503	118.706	8.00	3.10	99	999	999.0	9.99	999.9	999.9	P C
204	76	831	15	27	43.31	34.068	116.326	3.25	2.00	99	999	999.0	9.99	999.9	999.9	P C
205	76	831	15	52	17.38	34.039	116.315	3.49	2.10	99	999	999.0	9.99	999.9	999.9	P C
206	76	9 1	9	20	4.90	34.373	116.602	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P C
207	76	9 1	11	13	24.17	35.378	117.365	4.09	1.80	99	999	999.0	9.99	999.9	999.9	P C
208	76	9 1	19	41	22.82	34.428	118.334	11.84	2.00	99	999	999.0	9.99	999.9	999.9	P C
209	76	9 1	21	37	33.13	35.731	117.509	6.08	1.70	99	999	999.0	9.99	999.9	999.9	P C
210	76	9 1	21	48	43.47	33.968	115.562	6.80	2.40	99	999	999.0	9.99	999.9	999.9	P C
211	76	9 2	7	8	21.70	32.764	118.374	13.00	2.20	99	999	999.0	9.99	999.9	999.9	P C
212	76	9 2	18	44	25.05	33.942	116.674	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P C
213	76	9 3	0	24	18.37	33.568	118.253	11.90	2.40	99	999	999.0	9.99	999.9	999.9	P C
214	76	9 3	5	50	14.56	34.989	116.833	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P C
215	76	9 3	7	55	39.34	32.083	116.343	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P C
216	76	9 3	8	21	23.73	34.361	118.646	11.50	2.80	99	999	999.0	9.99	999.9	999.9	P C
217	76	9 3	12	38	34.12	34.253	117.128	12.90	2.00	99	999	999.0	9.99	999.9	999.9	P C
218	76	9 3	15	16	52.86	33.851	118.602	20.50	1.80	99	999	999.0	9.99	999.9	999.9	P C
219	76	9 3	22	38	29.95	34.201	116.569	11.30	2.30	99	999	999.0	9.99	999.9	999.9	P C
220	76	9 4	2	42	59.76	34.211	116.584	2.47	2.30	99	999	999.0	9.99	999.9	999.9	P C
221	76	9 4	2	52	34.11	34.234	116.573	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P C
222	76	9 4	4	22	33.40	34.234	116.583	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P C
223	76	9 4	9	45	36.43	34.224	116.587	4.81	2.00	99	999	999.0	9.99	999.9	999.9	P C
224	76	9 4	15	42	6.76	33.645	116.823	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P C
225	76	9 5	1	58	59.81	33.992	116.986	5.03	1.90	99	999	999.0	9.99	999.9	999.9	P C
226	76	9 5	22	30	29.99	33.995	117.273	17.90	3.20	99	999	999.0	9.99	999.9	999.9	P C
227	76	9 6	4	3	42.49	34.295	118.660	9.09	2.00	99	999	999.0	9.99	999.9	999.9	P C
228	76	9 6	15	54	55.78	34.281	116.340	6.20	3.10	99	999	999.0	9.99	999.9	999.9	P C
229	76	9 7	0	2	14.43	33.081	118.038	7.67	2.40	99	999	999.0	9.99	999.9	999.9	P C
230	76	9 7	7	46	34.28	36.093	118.351	4.29	2.10	99	999	999.0	9.99	999.9	999.9	P C
231	76	9 7	9	36	53.28	33.800	116.954	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P C
232	76	9 8	0	9	2.56	32.293	115.740	28.40	2.80	99	999	999.0	9.99	999.9	999.9	P C
233	76	9 8	2	35	1.48	32.859	115.532	13.40	2.50	99	999	999.0	9.99	999.9	999.9	P C
234	76	9 8	9	48	23.36	33.924	117.282	12.80	2.00	99	999	999.0	9.99	999.9	999.9	P C
235	76	9 8	9	56	50.43	33.775	116.127	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P C
236	76	9 8	11	7	53.09	35.774	117.991	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P C
237	76	9 8	15	43	4.67	33.995	116.994	4.90	2.20	99	999	999.0	9.99	999.9	999.9	P C
238	76	910	0	20	30.57	31.747	115.135	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P C
239	76	910	4	36	0.07	35.149	118.605	4.78	2.60	99	999	999.0	9.99	999.9	999.9	P C
240	76	910	13	56	4.07	32.000	116.193	16.30	2.60	99	999	999.0	9.99	999.9	999.9	P C
241	76	911	0	7	6.97	34.943	118.879	7.00	2.30	99	999	999.0	9.99	999.9	999.9	P C

242	76	912	3	10	25.66	33.979	115.790	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
243	76	912	7	37	52.44	32.858	116.167	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
244	76	912	8	22	42.47	32.019	115.554	5.35	3.60	99	999	999.0	9.99	999.9	999.9	P	0
245	76	914	0	35	32.46	34.100	116.373	8.00	1.80	99	999	999.0	9.99	999.9	999.9	P	C
246	76	914	6	3	41.20	34.754	119.607	0.81	2.10	99	999	999.0	9.99	999.9	999.9	P	0
247	76	914	19	0	19.50	35.725	118.408	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	C
248	76	914	23	0	16.20	33.982	116.258	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
249	76	914	23	8	55.90	33.912	116.148	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
250	76	915	11	43	36.60	33.320	116.567	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
251	76	915	23	13	20.97	33.858	118.157	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
252	76	916	15	15	59.60	34.050	116.248	8.00	3.20	99	999	999.0	9.99	999.9	999.9	P	0
253	76	916	21	14	14.00	36.010	116.627	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	C
254	76	917	14	13	4.36	32.542	116.355	8.00	1.90	99	999	999.0	9.99	999.9	999.9	P	0
255	76	918	1	11	52.19	35.665	116.107	8.00	1.70	99	999	999.0	9.99	999.9	999.9	P	C
256	76	918	1	43	50.65	35.674	118.105	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
257	76	918	3	21	3.94	34.960	117.005	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
258	76	918	12	55	0.88	35.054	116.943	8.00	2.80	99	999	999.0	9.99	999.9	999.9	P	C
259	76	918	17	18	13.61	31.678	115.737	8.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
260	76	918	22	42	39.76	31.598	117.229	3.99	3.00	99	999	999.0	9.99	999.9	999.9	P	0
261	76	919	0	3	29.00	33.925	116.180	3.50	2.10	99	999	999.0	9.99	999.9	999.9	P	0
262	76	919	5	12	40.87	33.053	115.521	6.68	2.50	99	999	999.0	9.99	999.9	999.9	P	C
263	76	919	5	45	46.99	32.904	115.467	8.00	3.30	99	999	999.0	9.99	999.9	999.9	P	0
264	76	919	9	5	5.26	33.976	116.050	26.10	2.00	99	999	999.0	9.99	999.9	999.9	P	0
265	76	919	9	40	24.07	32.893	115.474	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
266	76	919	11	11	42.16	33.479	116.781	15.90	3.30	99	999	999.0	9.99	999.9	999.9	P	C
267	76	920	4	55	17.19	34.990	116.863	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
268	76	920	11	9	13.46	35.722	118.097	8.00	2.50	99	999	999.0	9.99	999.9	999.9	P	0
269	76	921	1	46	30.10	34.090	117.757	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
270	76	921	5	12	25.93	33.536	116.052	6.14	2.50	99	999	999.0	9.99	999.9	999.9	P	C
271	76	922	0	44	19.58	34.239	117.175	8.00	2.00	99	999	999.0	9.99	999.9	999.9	P	0
272	76	922	3	33	16.21	35.111	119.105	4.72	2.70	99	999	999.0	9.99	999.9	999.9	P	C
273	76	922	5	30	46.82	35.660	118.111	8.00	2.90	99	999	999.0	9.99	999.9	999.9	P	C
274	76	923	2	46	55.03	36.454	117.830	15.00	3.00	99	999	999.0	9.99	999.9	999.9	P	0
275	76	923	16	24	20.61	36.426	117.831	3.17	2.20	99	999	999.0	9.99	999.9	999.9	P	C
276	76	924	0	19	9.70	32.101	116.401	10.80	2.40	99	999	999.0	9.99	999.9	999.9	P	0
277	76	924	14	2	17.55	34.061	118.157	8.00	2.20	99	999	999.0	9.99	999.9	999.9	P	0
278	76	924	15	1	43.25	36.284	115.195	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	C
279	76	925	1	21	19.99	33.258	116.863	16.50	1.80	99	999	999.0	9.99	999.9	999.9	P	0
280	76	925	7	13	57.76	32.014	116.195	16.50	3.00	99	999	999.0	9.99	999.9	999.9	P	0
281	76	925	20	9	42.52	35.818	117.646	11.80	1.80	99	999	999.0	9.99	999.9	999.9	P	0
282	76	925	22	7	19.19	33.696	119.135	8.98	2.60	99	999	999.0	9.99	999.9	999.9	P	0
283	76	925	23	32	52.21	32.200	115.530	7.40	3.20	99	999	999.0	9.99	999.9	999.9	P	C
284	76	926	1	10	31.22	32.018	115.433	8.00	3.40	99	999	999.0	9.99	999.9	999.9	P	0
285	76	926	3	38	20.95	32.297	115.516	8.00	2.40	99	999	999.0	9.99	999.9	999.9	P	0
286	76	926	3	39	22.40	32.367	115.541	8.00	2.10	99	999	999.0	9.99	999.9	999.9	P	0
287	76	926	15	24	17.14	34.408	118.365	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
288	76	926	15	54	26.35	33.511	116.533	7.10	2.10	99	999	999.0	9.99	999.9	999.9	P	C
289	76	926	20	24	14.57	32.268	115.486	10.80	2.80	99	999	999.0	9.99	999.9	999.9	P	0
290	76	926	21	44	18.66	34.204	117.577	4.34	2.30	99	999	999.0	9.99	999.9	999.9	P	0
291	76	927	3	50	43.57	34.217	116.550	7.06	2.00	99	999	999.0	9.99	999.9	999.9	P	0
292	76	927	13	18	17.64	35.826	117.704	7.20	2.00	99	999	999.0	9.99	999.9	999.9	P	0
293	76	927	17	7	48.65	35.789	117.705	4.34	2.30	99	999	999.0	9.99	999.9	999.9	P	0
294	76	928	0	17	8.58	35.618	117.679	8.00	2.70	99	999	999.0	9.99	999.9	999.9	P	0
295	76	928	0	23	45.71	35.816	117.703	6.76	1.90	99	999	999.0	9.99	999.9	999.9	P	0
296	76	928	0	34	6.69	35.861	117.680	13.50	2.50	99	999	999.0	9.99	999.9	999.9	P	0
297	76	928	0	49	54.49	35.783	117.691	13.10	1.90	99	999	999.0	9.99	999.9	999.9	P	C
298	76	928	7	26	57.98	34.917	116.877	6.14	2.10	99	999	999.0	9.99	999.9	999.9	P	0
299	76	928	8	39	57.67	34.361	119.359	8.00	2.30	99	999	999.0	9.99	999.9	999.9	P	0
300	76	928	10	44	19.03	35.818	117.676	10.70	2.50	99	999	999.0	9.99	999.9	999.9	P	0
301	76	928	10	56	38.52	35.829	117.708	6.90	2.00	99	999	999.0	9.99	999.9	999.9	P	0
302	76	928	13	19	56.17	34.335	119.376	4.26	2.10	99	999	999.0	9.99	999.9	999.9	P	C
303	76	928	17	40	52.98	35.789	117.710	1.83	2.00	99	999	999.0	9.99	999.9	999.9	P	0

	76	928	21	40	11.29	35.818	117.710	8.03	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	7	0	52.27	34.091	115.173	9.92	2.10	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	9	39	22.64	35.274	117.121	0.14	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	10	42	47.97	33.609	115.760	16.21	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	19	23	53.56	33.912	116.729	8.03	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	20	13	5.99	35.834	117.677	5.11	2.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	20	17	50.28	35.719	117.626	8.03	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	929	22	52	36.24	33.009	116.445	8.03	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	0	4	28.13	35.814	117.690	6.87	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	1	26	3.32	35.801	117.685	8.03	1.70	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	2	55	8.50	35.779	117.721	8.03	2.00	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	3	38	59.91	33.251	116.863	16.80	1.90	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	5	34	12.02	35.969	117.678	6.99	1.70	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	6	16	6.08	35.828	117.704	5.61	2.50	99	999	999.0	9.99	999.9	999.9	P	0
	76	930	7	57	41.66	33.857	116.050	17.43	1.80	99	999	999.0	9.99	999.9	999.9	P	0
	76	7 4	11	11	0.07	33.316	116.200	13.15	1.70	9	118	52.3	0.10	0.8	0.7	C	1
	76	7 6	20	32	34.72	33.740	117.845	17.14	1.18	6	193	26.6	0.04	0.6	0.7	C	1
	76	7 8	4	40	59.37	33.772	116.492	1.52	1.55	6	118	8.7	0.09	0.8	152.9	C	1
	76	7 8	15	8	6.29	34.210	116.934	4.23	1.92	8	170	33.0	0.10	1.0	1.7	C	1
	76	7 9	21	33	23.41	33.938	116.116	10.43	1.58	10	104	10.0	0.18	1.2	1.6	B	1
	76	711	11	44	6.29	34.269	116.463	8.49	1.13	5	161	12.1	0.04	1.1	4.3	C	1
	76	711	14	18	40.22	34.262	116.464	1.44	1.04	6	197	23.5	0.07	1.1	123.4	C	1
	76	712	10	38	28.18	33.738	116.929	1.18	1.47	8	203	29.1	0.23	2.3	319.6	C	1
	76	716	8	39	6.91	33.966	116.574	5.00	1.76	14	93	27.3	0.11	0.5	9.2	C	1
	76	717	12	38	3.73	34.296	116.152	11.74	1.27	7	124	13.1	0.09	1.0	2.7	B	1
	76	721	1	58	1.87	33.671	116.284	1.15	1.75	19	86	11.0	0.29	1.0	10.4	C	1
	76	728	10	14	31.40	33.870	116.181	3.82	1.89	19	147	7.4	0.24	0.9	1.9	C	1
	76	729	6	3	47.51	34.250	116.441	2.38	1.46	6	104	13.0	0.04	0.6	25.4	C	1
	76	730	3	36	20.51	33.967	116.369	5.00	1.63	8	213	16.5	0.13	1.6	7.4	D	1
	76	7 1	3	58	13.37	32.473	114.830	9.41	1.52	6	204	28.3	0.41	3.9	6.1	D	1
	76	7 1	6	53	32.20	32.975	115.599	1.11	1.77	12	106	15.1	0.24	1.1	287.2	C	1
	76	7 1	7	13	46.75	32.900	115.537	16.33	1.38	8	144	13.4	0.12	1.2	1.1	C	1
	76	7 3	5	12	3.83	32.738	115.425	16.42	1.64	12	142	13.7	0.18	1.2	0.9	C	1
	76	7 5	3	17	27.84	32.769	115.442	13.47	1.14	6	144	8.1	0.07	1.0	1.3	C	1
	76	7 6	5	55	18.56	32.819	115.619	16.99	1.85	16	95	10.7	0.28	1.4	1.1	B	1
	76	7 6	9	47	42.63	33.004	115.547	10.16	1.00	11	77	7.4	0.18	1.0	1.9	B	1
	76	7 6	17	21	53.64	32.430	115.257	19.13	0.24	19	201	26.0	0.26	1.9	1.0	C	1
	76	7 7	0	16	21.63	32.814	115.601	15.39	1.25	8	99	16.3	0.22	1.9	2.1	B	1
	76	7 7	1	48	32.75	32.807	115.600	16.43	1.28	12	102	16.5	0.24	1.3	1.0	B	1
	76	7 7	3	20	32.05	32.815	115.604	16.27	1.48	12	99	12.1	0.26	1.6	1.2	B	1
	76	7 8	7	56	56.53	33.069	115.615	12.07	1.29	13	111	11.1	0.13	0.6	1.3	B	1
	76	7 8	20	20	16.92	32.907	115.520	12.35	1.70	11	91	9.2	0.18	1.1	1.4	B	1
	76	7 9	1	40	50.12	32.892	115.513	13.21	1.80	16	102	7.9	0.16	0.7	0.6	B	1
	76	7 9	3	21	31.08	32.894	115.515	14.05	1.81	15	100	8.2	0.25	1.2	1.6	B	1
	76	7 9	20	9	57.83	33.241	115.662	5.00	1.69	12	112	10.7	0.22	1.3	7.3	C	1
	76	712	21	55	7.49	33.127	115.617	9.39	0.52	7	107	4.9	0.12	1.1	1.5	B	1
	76	715	5	3	32.73	33.109	115.633	8.94	1.45	9	125	6.5	0.19	1.3	2.1	B	1
	76	716	9	19	17.72	32.919	115.537	11.53	1.95	10	86	11.4	0.09	0.5	1.5	A	1
	76	717	4	10	14.20	32.802	115.554	15.35	1.20	6	135	16.1	0.06	0.8	0.7	B	1
	76	717	4	10	27.31	32.715	115.594	9.69	2.07	7	170	14.3	0.37	4.7	12.9	C	1
	76	717	4	11	16.54	32.843	115.537	9.92	2.03	9	89	12.2	0.33	2.7	5.7	C	1
	76	717	4	12	59.88	32.811	115.567	0.83	1.17	5	133	22.1	0.03	0.5	72.9	D	1
	76	717	6	22	23.01	32.506	115.246	12.82	1.06	7	204	21.0	0.09	1.2	0.9	C	1
	76	717	8	29	22.87	32.621	114.546	8.81	0.0	5	127	7.4	0.44	3.3	6.7	D	1
	76	717	10	18	33.60	33.293	115.544	2.21	1.46	10	177	15.1	0.23	1.9	293.0	C	1
	76	719	18	34	18.02	32.847	115.733	9.97	1.46	7	102	7.1	0.23	2.0	3.6	B	1
	76	720	5	43	42.76	32.949	115.742	9.25	1.14	5	150	7.6	0.18	3.0	5.5	D	1
	76	726	4	15	58.24	32.883	115.494	15.62	1.97	11	121	5.3	0.71	4.8	3.6	C	1
	76	726	9	45	56.66	33.277	116.106	7.86	1.41	9	130	44.5	0.15	1.3	18.5	D	1
	76	730	12	4	51.97	32.970	115.715	11.23	1.27	5	163	10.3	0.19	3.4	6.9	D	1
	76	730	17	52	11.85	33.005	115.043	0.43	1.99	7	217	17.6	0.22	2.7	15.4	D	1
		730	22	20	27.37	33.694	115.931	2.21	1.16	6	146	17.4	0.09	0.9	154.8	C	1

356	76	8	1	17	49	35.14	34.902	116.534	0.00	1.99	10	127	30.9	0.10	0.6	5.5	C	1
357	76	8	1	18	45	30.59	34.894	116.533	1.85	1.90	10	126	30.1	0.11	0.7	6.6	C	1
358	76	8	8	23	43	18.53	33.979	116.375	0.37	2.01	17	76	17.4	0.15	0.5	173.6	C	1
359	76	8	9	10	11	8.55	33.974	116.371	0.69	1.82	15	63	16.9	0.13	0.5	145.4	C	1
370	76	8	10	3	11	33.22	34.282	116.330	5.00	1.52	8	39	16.4	0.09	0.6	5.5	C	1
371	76	8	13	2	3	28.11	34.261	116.492	6.46	1.70	10	201	24.7	0.25	2.6	3.7	D	1
372	76	8	13	4	33	4.35	34.043	116.342	0.33	1.73	10	156	18.1	0.37	1.9	15.8	C	1
373	76	8	15	22	44	9.41	33.985	116.231	0.43	1.74	10	140	6.4	0.47	3.0	30.6	C	1
374	76	8	16	21	33	10.10	32.878	116.547	10.65	0.0	16	148	48.4	0.31	1.7	1.9	C	1
375	76	8	18	1	29	49.29	34.003	116.411	0.41	1.76	13	96	21.4	0.18	0.9	221.0	C	1
376	76	8	18	1	54	25.14	34.026	116.270	1.99	1.67	8	211	12.2	0.18	2.2	259.0	D	1
377	76	8	19	5	18	38.48	34.012	116.407	1.67	1.88	20	59	21.4	0.16	0.5	12.2	C	1
378	76	8	22	4	21	38.94	35.002	118.495	3.31	1.81	9	200	17.5	0.15	1.5	20.3	D	1
379	76	8	23	22	6	38.63	34.837	118.753	0.07	1.48	6	107	13.2	0.09	0.8	157.4	C	1
380	76	8	24	2	54	27.50	33.963	116.283	0.84	1.69	13	110	8.7	0.47	2.0	559.3	C	1
381	76	8	24	5	42	26.15	34.315	116.499	1.04	1.60	9	198	21.9	0.54	5.0	715.7	D	1
382	76	8	25	1	10	6.76	34.424	115.828	0.88	1.42	14	90	11.1	0.21	0.8	7.7	C	1
383	76	8	26	1	25	55.81	34.419	115.831	6.62	1.88	13	87	11.0	0.12	0.6	2.3	B	1
384	76	8	26	3	43	58.58	34.422	115.835	8.61	2.02	13	88	10.6	0.10	0.5	1.6	B	1
385	76	8	26	6	41	36.36	34.288	116.344	1.56	2.15	11	110	16.0	0.15	0.9	186.8	C	1
386	76	8	26	10	35	46.83	34.418	115.836	6.87	0.83	8	85	10.8	0.12	0.7	2.5	B	1
387	76	8	26	12	20	37.79	34.419	115.838	8.14	0.94	9	86	10.6	0.14	0.8	2.2	B	1
388	76	8	26	12	29	14.79	34.422	115.820	5.00	0.83	8	125	11.9	0.10	0.7	3.0	C	1
389	76	8	27	6	22	5.50	34.664	119.045	0.07	0.0	23	69	23.2	12.06	33.6	528.7	D	1
390	76	8	28	19	1	0.19	34.409	115.859	13.10	0.38	8	35	9.6	0.31	1.9	3.5	B	1
391	76	8	30	21	50	31.40	34.848	118.760	1.90	2.57	5	126	12.3	0.11	1.4	237.9	D	1
392	76	8	1	20	20	2.02	33.060	115.550	10.51	1.85	21	84	6.6	0.36	1.2	1.3	B	1
393	76	8	6	6	50	19.90	33.112	115.632	11.64	1.07	8	131	6.2	0.12	0.9	1.4	B	1
394	76	8	6	12	33	31.74	32.876	115.515	16.34	1.58	8	169	7.5	0.12	1.8	0.7	C	1
395	76	8	7	3	13	25.81	32.961	115.870	4.49	2.09	11	69	4.4	0.25	1.3	2.3	B	1
396	76	8	7	3	56	21.67	32.962	115.863	5.25	1.81	9	87	3.7	0.23	1.5	2.5	B	1
397	76	8	7	4	7	34.86	32.969	115.871	4.72	2.02	9	70	4.7	0.27	1.7	2.8	B	1
398	76	8	8	8	26	33.31	32.848	115.764	16.55	2.10	14	65	13.1	0.36	2.1	1.5	B	1
399	76	8	8	8	31	12.36	32.732	115.500	13.13	1.84	12	144	15.6	0.27	2.0	2.0	C	1
400	76	8	8	19	11	13.05	32.964	115.590	5.00	1.26	7	86	11.9	0.08	0.7	5.3	C	1
401	76	8	11	6	10	58.44	33.050	115.743	10.52	2.32	24	50	12.9	0.42	1.4	1.3	C	1
402	76	8	16	3	54	15.54	33.177	115.663	0.09	2.53	17	109	2.7	0.34	1.1	11.8	C	1
403	76	8	16	22	33	5.98	33.169	115.667	0.77	1.41	13	108	2.8	0.33	1.3	16.8	C	1
404	76	8	20	0	50	17.47	33.125	115.648	5.00	0.70	8	144	4.8	0.38	2.9	5.8	C	1
405	76	8	22	10	23	48.52	33.016	115.527	9.63	1.00	10	103	5.2	0.16	1.0	1.6	B	1
406	76	8	27	8	10	12.53	33.122	115.621	3.37	0.0	9	113	5.3	0.31	1.8	3.1	C	1
407	76	8	29	15	12	26.14	33.118	115.596	9.38	1.38	15	103	6.7	0.34	1.6	2.5	C	1
408	76	8	30	18	13	57.11	32.976	115.526	12.49	1.25	8	117	8.9	0.08	0.7	0.6	B	1
409	76	8	31	0	32	53.73	33.135	115.626	5.00	1.65	14	100	3.7	0.27	1.2	2.0	B	1
410	76	8	31	2	51	41.66	33.137	115.618	4.68	1.69	17	62	3.8	0.29	1.1	1.9	B	1
411	76	8	31	3	50	24.81	33.143	115.638	7.36	2.05	16	64	2.7	0.25	1.0	1.4	B	1
412	76	9	1	19	29	57.84	34.286	116.324	2.80	1.86	10	108	15.9	0.17	1.0	18.5	C	1
413	76	9	3	23	38	36.78	34.290	116.332	8.02	2.07	11	86	15.5	0.11	0.6	1.1	B	1
414	76	9	4	2	51	2.49	34.233	116.585	0.56	1.52	5	225	33.7	0.04	1.0	81.4	D	1
415	76	9	4	2	52	22.16	34.219	116.609	2.32	0.0	13	76	36.4	0.30	1.1	3.7	C	1
416	76	9	4	2	54	8.92	34.234	116.586	0.28	1.60	5	225	33.7	0.06	1.7	132.7	D	1
417	76	9	5	19	29	45.55	34.923	116.705	2.42	2.06	10	110	33.8	0.13	0.8	161.3	C	1
418	76	9	6	10	15	28.02	33.992	116.406	5.00	0.89	15	65	20.6	0.15	0.6	6.7	C	1
419	76	9	7	10	16	9.13	34.315	116.328	11.19	2.05	12	101	12.8	0.13	0.7	1.0	B	1
420	76	9	8	3	46	12.47	34.467	116.376	9.89	1.62	10	112	7.8	0.10	0.6	1.1	B	1
421	76	9	10	4	35	59.72	35.128	118.637	4.20	2.32	21	97	3.8	0.23	0.9	1.1	B	1
422	76	9	11	12	12	47.44	33.815	115.707	5.00	1.66	10	134	19.9	0.13	0.8	6.0	C	1
423	76	9	12	18	16	26.20	34.293	116.347	5.00	1.56	10	87	15.5	0.18	1.0	8.2	C	1
424	76	9	12	19	25	5.77	34.296	116.347	9.17	1.22	7	110	15.2	0.05	0.4	1.7	B	1
425	76	9	12	21	13	48.93	34.297	116.342	7.21	1.42	7	112	15.0	0.10	0.8	3.9	C	1
426	76	9	13	5	41	33.18	34.351	116.391	11.61	1.57	9	100	11.7	0.06	0.5	1.1	B	1
427	76	9	13	8	21	57.99	34.084	116.412	5.00	2.32	22	72	20.7	0.18	0.6	1.3	C	1

426	76	913	15	28	41.99	33.967	116.268	2.19	1.71	12	196	7.7	0.42	2.6	7.2	D	1
429	76	914	13	22	51.03	33.966	116.267	2.37	2.07	20	67	7.9	0.25	0.8	3.9	B	1
430	76	914	17	44	20.65	33.970	116.261	1.56	1.75	12	62	7.3	0.18	0.8	225.0	C	1
431	76	914	20	20	51.15	33.959	116.271	3.80	1.88	17	68	7.6	0.40	1.2	4.5	C	1
432	76	914	20	21	49.48	33.963	116.262	2.30	1.63	11	68	6.9	0.19	0.9	21.4	C	1
433	76	914	23	7	47.57	33.963	116.262	1.74	1.54	8	125	7.0	0.25	1.6	6.5	C	1
434	76	914	23	8	1.88	33.965	116.267	0.50	2.48	14	113	22.0	0.21	0.8	10.1	C	1
435	76	914	23	56	34.96	34.261	116.139	10.69	1.23	6	86	11.9	0.01	0.1	0.4	B	1
436	76	915	6	5	48.78	33.967	116.265	2.05	1.65	14	65	7.4	0.20	0.8	232.3	C	1
437	76	915	21	49	9.91	35.064	118.307	1.34	0.0	10	146	27.6	0.13	0.9	167.0	C	1
438	76	917	0	58	14.97	33.965	116.208	0.64	1.83	13	68	7.5	0.15	0.7	6.3	C	1
439	76	917	3	15	18.26	34.164	116.565	10.85	1.56	10	94	5.5	0.14	0.8	1.6	B	1
440	76	917	17	55	54.43	33.961	116.258	1.14	1.85	6	202	7.4	0.18	2.8	303.4	D	1
441	76	918	12	54	59.94	35.036	119.003	0.00	2.46	23	106	21.0	0.60	2.4	14.6	D	1
442	76	918	16	58	13.86	34.337	116.644	0.58	1.92	17	92	15.1	0.17	0.6	5.4	C	1
443	76	921	19	51	50.92	34.194	116.165	9.96	1.38	8	90	5.9	0.07	0.5	0.9	A	1
444	76	922	3	30	1.46	33.822	115.704	4.46	1.26	6	157	19.4	0.08	1.2	10.9	C	1
445	76	922	19	27	57.45	33.991	116.055	9.63	1.39	8	141	12.7	0.10	0.7	2.0	B	1
446	76	924	10	43	39.93	33.967	116.201	1.30	1.85	14	115	7.0	0.19	0.8	222.0	C	1
447	76	924	11	29	44.42	33.977	116.205	9.68	1.48	10	59	8.0	0.22	1.3	3.0	B	1
448	76	926	3	5	46.93	33.958	116.255	1.80	1.74	7	200	6.1	0.19	2.3	283.7	D	1
449	76	926	4	27	7.99	33.962	116.248	1.56	1.58	8	192	5.7	0.19	1.8	5.0	D	1
450	76	926	4	36	11.12	33.955	116.257	1.74	2.13	14	74	6.2	0.19	0.7	4.2	B	1
451	76	926	5	4	26.19	33.879	116.215	1.37	2.14	16	64	6.6	0.24	0.9	261.3	C	1
452	76	927	14	56	26.24	34.024	116.316	2.20	1.56	6	180	14.9	0.13	1.5	228.7	D	1
453	76	928	2	5	5.34	33.962	116.257	0.58	1.85	6	196	6.5	0.15	2.3	253.8	D	1
454	76	930	20	42	7.51	33.786	115.488	10.99	2.09	8	114	7.1	0.07	0.5	0.8	B	1
455	76	9 2	8	57	47.74	32.920	115.559	16.86	2.11	11	86	11.6	0.18	1.2	0.7	B	1
456	76	9 3	3	48	56.10	32.916	115.544	12.24	1.45	5	151	11.7	0.04	0.8	2.5	C	1
457	76	9 3	6	43	57.56	32.904	115.630	16.62	1.98	10	93	10.9	0.08	0.6	0.5	B	1
458	76	9 5	0	57	21.08	32.924	115.255	7.66	0.0	9	168	27.2	0.46	4.6	3.8	C	1
459	76	9 7	23	0	13.47	33.059	115.559	12.89	1.62	10	84	6.4	0.16	1.0	1.5	B	1
460	76	9 8	4	20	59.60	32.942	115.821	8.61	1.80	6	117	1.4	0.12	1.3	1.6	B	1
461	76	911	1	5	14.15	33.040	115.561	15.19	1.41	7	96	15.7	0.09	0.8	1.9	B	1
462	76	911	21	42	18.35	32.487	115.192	0.03	2.03	9	205	50.4	0.26	2.8	17.0	D	1
463	76	916	17	54	35.02	32.918	115.856	15.76	1.97	7	157	4.3	0.07	1.0	0.5	C	1
464	76	916	21	28	58.99	33.132	115.638	5.86	2.03	9	141	3.9	0.22	1.5	2.5	C	1
465	76	916	22	18	19.16	33.127	115.624	3.80	1.67	8	121	4.6	0.15	1.1	2.8	B	1
466	76	919	8	33	8.84	32.735	115.395	15.16	2.09	12	152	29.2	0.17	1.1	0.6	C	1
467	76	920	7	33	52.68	33.228	115.618	1.31	2.09	8	165	7.0	0.10	1.0	142.8	C	1
468	76	924	17	58	37.77	32.720	115.399	7.88	1.89	5	155	31.6	0.30	1.6	16.3	C	1
469	76	924	17	59	33.30	32.708	115.407	14.99	2.68	16	146	30.5	0.24	1.3	1.2	C	1
470	76	925	3	49	18.81	32.982	115.895	8.54	2.01	11	66	7.3	0.28	2.0	2.0	D	1
471	76	926	22	14	26.96	32.580	115.278	0.44	1.98	7	180	42.7	0.15	1.7	13.7	C	1
472	76	930	6	52	32.96	32.905	115.517	8.47	0.0	6	143	8.9	0.03	0.6	0.9	B	1