

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Gravity survey data (and a Bouguer gravity anomaly map) of
south-central and southwest South Dakota

by

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade names is for descriptive purposes only and does not imply endorsement by the USGS.

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Introduction

This report presents the work undertaken as a cooperative effort between the USGS and Western Illinois University, Macomb, Illinois through the Iowa Geological Survey. The project was essential in creating a more complete gravity station coverage of South Dakota. During the period of June 29-August 10, 1986, 2,884 new gravity stations in south-central and southwest South Dakota were obtained and reduced in the field to observed gravity under the direction of John Klasner. Robert Kucks reduced the data to the complete Bouguer gravity anomaly. This report presents the principal facts for these data and includes a complete Bouguer gravity anomaly map (figure 1).

Data Collection

Gravity observations were made using LaCoste-Romberg gravity meters G-350 and G-597. The gravity stations were referenced to the U.S. Department of Defense (DOD) bases at Chamberlain, Hot Springs, Kadoka, Lake Andes, Martin, Mitchell, White River, and Winner, South Dakota and Valentine, Nebraska. These are part of the International Gravity Standardization Net, 1971, (Morelli, 1974) and their descriptions are found in Appendix B. Gravity loops were started and closed daily by making repeat observations at the bases. Access was by ground traverses into roadless areas and by vehicle along highways and secondary roads.

Horizontal and Elevation Control

The survey area is bound by latitude 43° - $44^{\circ}15'$ N and longitude 98° - 104° W. The station positions and elevations were obtained from benchmarks, spot elevations, and section corners on 1:24,000 and 1:62,500 scale USGS topographic maps and 1:100,000-scale USGS topographic and planimetric maps. Altimeter loops of one hour duration were also carried out where only orthophoto quadrangles and none of the previously mentioned elevation controls were available. The uncertainty of elevations based on benchmarks is assumed to be 0.5 ft (0.15 m). For spot elevations and section corners with elevations in black, on 1:24,000-scale maps with a 40-ft contour interval, the uncertainty is assumed to be one-third the contour interval, or 13 ft. Accuracy assumed for altimeter loops is 5 feet. At a density of 2.67 g/cm^3 , elevation uncertainty translates to a maximum uncertainty in the Bouguer anomaly value of approximately 0.06 mGals/foot. However, errors in the estimation of terrain corrections give rise to the greatest uncertainty in Bouguer values.

Data Reduction

Gravity reduction programs written for a TI-59 Texas Instruments programmable calculator were used in the field to obtain observed-gravity values that were corrected for linear-meter drift but not for earth-tides. A program written by M. W. Webring, D. H. Dansereau, and R. R. Wahl (USGS, unpub. program, 1983) was used to correct the observed gravity for earth-tides. The theoretical gravity value was calculated using the 1967 formula of the Geodetic Reference System (International Association of Geodesy, 1971). Mathematical equations are given in Cordell and others (1982).

Terrain corrections were computed using a program by R. H. Godson (USGS, unpub. program, 1978), correcting for the gravity effects of terrain from each station to a radial distance of 166.7 km (103.4 mi) using a modification of the method of Plouff (1977). Godson's program also calculates earth-curvature corrections and complete (terrain-corrected) Bouguer gravity anomaly values. These computed terrain corrections use mean-elevation data digitized on a 15-second grid for corrections from 0 to 5 km (3.1 mi), 1-minute terrain data for corrections from 5 to 21 km (13.0 mi), and 3-minute terrain data for corrections from 21 to 166.7 km (103.4 mi). A density of 2.67 g/cm³ was used to calculate terrain corrections, giving the corrections and gravity anomaly values listed in Appendix A.

A grid based on the Bouguer anomaly values was formed with 2 km (1.25 mi) grid spacing using program "MINC" (Webring, 1981). "MINC" forms a surface of minimum curvature (Briggs, 1974) through existing data points. Computer plotted contour maps of the gridded data were produced using program "CONTOUR" (Godson and Webring, 1982), which uses a linear-interpolation technique for positioning contours, with optional contour smoothing using splines under tension. The contour maps produced for this report make use of the smoothing option with a spline factor of 1.

Acknowledgement

Appreciation is extended to Douglas Burge, Darin Delaney, Robert Miller, and Thomas Suszek for their assistance during field collection and reduction of the data.

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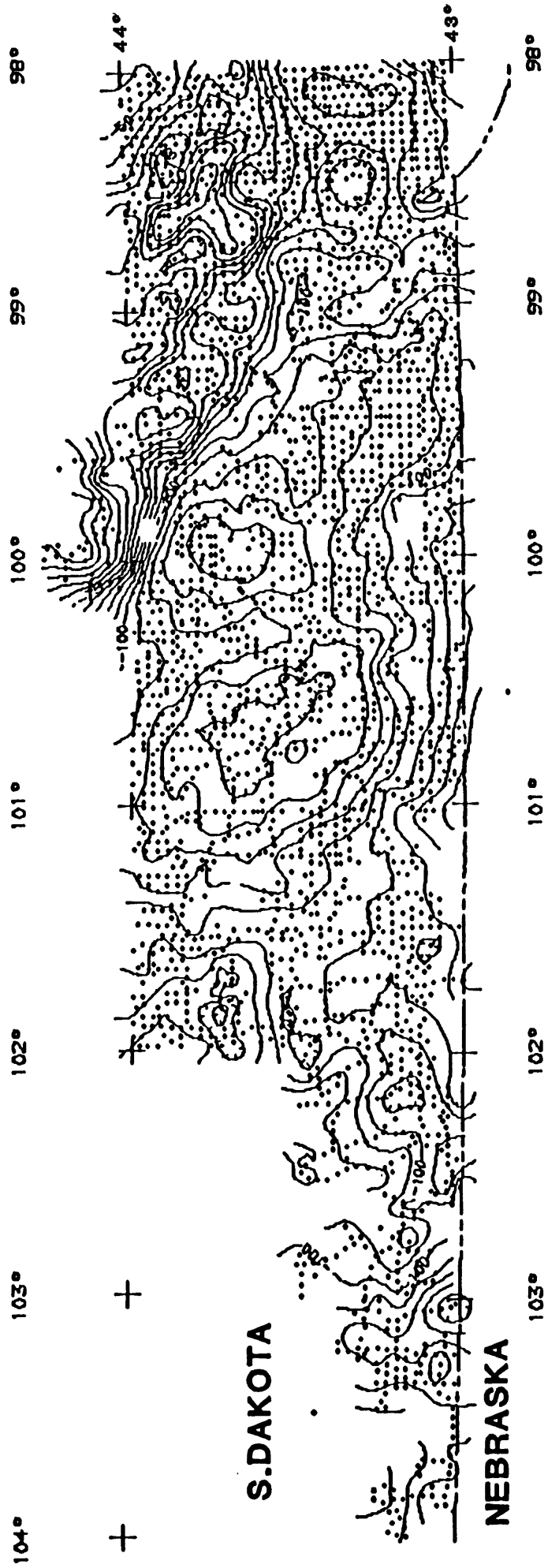


Figure 1.-- South Dakota Complete Bouguer Gravity - 2.67 g/cm³
 Lambert projection, cm=-101 / 2 km grid / 1:2,000,000
 contour interval = 5 mGal

Appendix A: Principal Facts of Gravity Data

Explanation of headings

Identification

station Gravity station identification number.

Location

latitude North latitude in degrees, decimal minutes.

longitude West longitude in degrees, decimal minutes.

elev Station elevation in feet.

Gravity

observed Observed gravity in milligals.

Corrections

Terrain-inner Terrain correction, 0-.895 km radius, in milligals.

Terrain-outer Terrain correction, .895-166.7 km radius, in milligals.

Anomalies

free-air Free-air anomaly in milligals.

complete-Bouguer Complete Bouguer anomaly in milligals for designated density.

KLASNER GRAVITY - 4/88 - Final editing complete and tide corrected
 Western Illinois Univ - Outer Terrain Corr .895 to 166.7 km

meter= project=
 terrain correction zones a-f g-x .

station	latitude		longitude		elev.	observed	terrain		free-air	Bouguer
	deg	min	deg	min	feet	gravity	inner	outer	anomaly	2.67 gm/cc
						mGal	mGal	mGal	mGal	
0636-1	42	52.00	-100	33.00	2586.0	80198.10	0.02	0.02	15.10	-73.99
1627-1	43	47.67	-99	19.30	1720.0	80327.55	0.09	0.18	-20.69	-79.75
1631-1	43	25.89	-103	28.50	3460.0	80173.14	1.04	0.66	21.30	-96.16
1633-1	43	49.95	-101	30.60	2459.0	80266.60	0.16	0.03	-15.59	-100.17
1634-1	43	9.16	-98	32.52	1480.0	80280.69	0.03	-0.05	-32.12	-83.20
1635-1	43	10.50	-101	44.10	3330.0	80160.61	0.03	0.20	19.72	-94.75
1638-1	43	46.12	-98	2.39	1290.0	80367.33	0.00	-0.09	-19.00	-63.61
1647-1	43	34.05	-100	44.70	2066.0	80244.96	0.08	-0.04	-50.22	-121.43
1648-1	43	23.40	-99	50.55	2038.0	80239.32	0.06	0.03	-42.46	-112.65
LKA-1	43	22.20	-98	53.00	1558.0	80278.78	0.01	-0.06	-46.32	-100.13
LKA-2	43	18.75	-98	53.00	1765.0	80261.15	0.03	0.06	-39.29	-100.09
LKA-3	43	17.90	-98	55.40	1735.0	80264.17	0.01	0.06	-37.82	-97.59
LKA-4	43	17.90	-98	59.85	1374.0	80292.57	0.24	0.05	-43.36	-90.48
LKA-5	43	18.83	-98	57.75	1558.0	80281.25	0.14	-0.02	-38.78	-92.41
LKA-6	43	20.50	-98	56.60	1466.0	80285.65	0.04	-0.02	-45.54	-96.11
LKA-7	43	20.45	-98	54.20	1578.0	80275.47	0.01	-0.04	-45.12	-99.59
LKA-8	43	22.20	-98	55.40	1450.0	80287.65	0.02	-0.03	-47.61	-97.65
LKA-9	43	21.42	-98	58.95	1686.0	80276.78	0.03	0.03	-35.11	-93.21
LAK-1	43	23.12	-98	57.75	1656.0	80278.25	0.01	-0.02	-39.02	-96.16
LAK-2	43	24.95	-98	57.75	1679.0	80279.55	0.01	-0.02	-38.32	-96.25
LAK-3	43	23.92	-98	55.35	1624.0	80279.89	0.03	-0.03	-41.60	-97.62
LKA-4	43	25.68	-98	54.20	1630.0	80280.25	0.00	-0.03	-43.32	-99.59
LAK-5	43	26.55	-98	56.60	1647.0	80280.82	0.00	-0.03	-42.46	-99.31
LAK-6	43	27.40	-98	59.02	1650.0	80281.75	0.00	-0.03	-42.53	-99.48
LAK-7	43	28.35	-98	55.45	1624.0	80283.26	0.00	-0.04	-44.90	-100.96
LAK-8	43	27.43	-98	53.08	1599.0	80284.57	0.00	-0.04	-44.55	-99.76
LAK-9	43	29.97	-98	53.05	1653.0	80285.93	0.00	-0.03	-41.94	-99.00
LAK-10	43	29.12	-98	57.88	1637.0	80284.60	0.01	-0.04	-43.50	-100.00
AC-1	43	27.32	-99	1.33	1735.0	80277.49	0.02	0.01	-38.68	-98.50
AC-2	43	29.97	-99	1.38	1672.0	80281.91	0.00	-0.03	-44.17	-101.88
AC-3	43	28.27	-99	2.53	1716.0	80278.67	0.01	0.00	-40.72	-99.90
AC-4	43	24.87	-99	2.63	1666.0	80280.51	0.01	-0.02	-38.46	-95.94
AC-5	43	24.82	-99	0.15	1694.0	80279.68	0.01	-0.02	-36.58	-95.03
AC-6	43	23.07	-99	0.15	1682.0	80278.19	0.01	-0.01	-36.56	-94.59
LSE-7	43	21.37	-99	0.15	1716.0	80276.43	0.02	0.03	-32.57	-91.71
LSE-8	43	21.37	-99	1.92	1550.0	80285.53	0.07	-0.01	-39.08	-92.49
LSE-9	43	19.63	-99	1.32	1676.0	80280.66	0.16	0.08	-29.48	-87.06
LSE-10	43	22.25	-99	2.53	1702.0	80277.07	0.00	0.02	-34.57	-93.26
AC-7	43	23.05	-99	2.63	1707.0	80276.97	0.00	0.01	-35.40	-94.28
AC-8	43	23.53	-99	4.98	1708.0	80273.68	0.02	0.10	-39.32	-98.12
LNW-1	43	22.97	-99	8.62	1418.0	80286.76	0.06	0.10	-52.67	-101.44
LNW-2	43	23.12	-99	11.03	1873.0	80262.07	0.10	0.35	-34.80	-98.95
LNW-4	43	23.15	-99	13.48	1720.0	80263.97	0.06	0.14	-47.33	-106.46
AC-9	43	24.85	-99	4.37	1582.0	80284.30	0.00	-0.04	-42.54	-97.16
AC-10	43	26.72	-99	4.56	1662.0	80279.53	0.02	-0.02	-42.60	-99.94
AC-11	43	27.38	-99	7.32	1738.0	80277.10	0.02	0.04	-38.88	-98.77
AC-12	43	28.28	-99	4.97	1669.0	80282.35	0.01	-0.03	-41.47	-99.07

AC-13	43	29.98	-99	4.92	1714.0	80279.97	0.01	0.00	-42.18	-101.30
AC-14	43	29.98	-99	7.33	1691.0	80282.78	0.00	0.01	-41.53	-99.86
LNW-5	43	29.98	-99	9.63	1739.0	80279.60	0.00	0.01	-40.20	-100.18
LNW-6	43	29.98	-99	12.03	1800.0	80274.85	0.01	0.05	-39.21	-101.24
LNW-7	43	29.13	-99	14.43	1900.0	80263.89	0.00	0.25	-39.49	-104.77
LNW-8	43	28.68	-99	12.03	1879.0	80265.61	0.01	0.20	-39.07	-103.67
LNW-9	43	27.03	-99	12.03	1405.0	80287.46	0.06	0.10	-59.30	-107.62
LNW-10	43	28.23	-99	8.47	1744.0	80277.32	0.00	0.03	-39.37	-99.50
GSE-1	43	15.40	-98	32.68	1672.0	80266.80	0.02	0.01	-37.35	-95.00
GSE-2	43	15.40	-98	30.32	1612.0	80269.85	0.01	-0.01	-39.94	-95.55
GSE-3	43	15.40	-98	35.08	1642.0	80269.78	0.00	-0.01	-37.19	-93.84
GSE-4	43	16.28	-98	36.27	1639.0	80270.61	0.01	-0.02	-37.96	-94.52
GSE-5	43	17.15	-98	33.87	1678.0	80267.83	0.01	0.01	-38.39	-96.25
GSE-6	43	17.97	-98	33.87	1650.0	80270.57	0.00	-0.01	-39.51	-96.45
GSE-7	43	18.03	-98	36.25	1649.0	80272.48	0.00	-0.01	-37.79	-94.69
GSE-8	43	19.78	-98	36.25	1619.0	80277.26	0.01	-0.02	-38.46	-94.33
GSE-9	43	21.32	-98	36.17	1672.0	80276.94	0.02	0.01	-36.12	-93.77
P-1	43	23.07	-98	47.10	1659.0	80279.67	0.00	-0.02	-37.25	-94.50
P-2	43	23.05	-98	49.48	1636.0	80277.93	0.00	-0.03	-41.12	-97.59
P-3	43	23.05	-98	51.87	1584.0	80280.79	0.01	-0.05	-43.15	-97.84
P-4	43	24.78	-98	50.68	1564.0	80283.61	0.01	-0.05	-44.81	-98.81
P-5	43	24.80	-98	48.30	1618.0	80282.10	0.00	-0.03	-41.28	-97.13
P-6	43	24.83	-98	45.95	1616.0	80284.87	0.01	-0.03	-38.74	-94.51
P-7	43	26.55	-98	45.95	1603.0	80287.53	0.00	-0.04	-39.89	-95.24
P-8	43	28.27	-98	45.93	1514.0	80295.30	0.00	-0.06	-43.08	-95.38
P-9	43	29.95	-98	45.95	1539.0	80296.98	0.00	-0.06	-41.58	-94.74
P-10	43	29.13	-98	48.33	1618.0	80287.16	0.00	-0.03	-42.74	-98.59
P-11	43	29.15	-98	50.70	1596.0	80287.39	0.06	-0.04	-44.61	-99.65
P-12	43	27.40	-98	50.67	1574.0	80285.89	0.08	-0.05	-45.54	-99.81
P-13	43	27.40	-98	48.33	1588.0	80286.60	0.01	-0.04	-43.51	-98.33
GSE-1	43	15.40	-98	32.68	1672.0	80266.80	0.02	0.01	-37.35	-95.00
GSE-2	43	15.40	-98	30.32	1612.0	80269.94	0.01	-0.01	-39.85	-95.46
LACL-1	43	15.45	-98	38.65	1604.0	80273.80	0.00	-0.03	-36.81	-92.18
LACL-2	43	15.30	-98	41.15	1578.0	80276.28	0.02	-0.05	-36.55	-91.03
LACL-3	43	16.17	-98	43.55	1634.0	80274.41	0.00	-0.03	-34.47	-90.87
LACL-4	43	17.03	-98	41.17	1578.0	80278.87	0.01	-0.05	-36.57	-91.05
LACL-5	43	18.90	-98	39.85	1591.0	80280.91	0.03	-0.04	-36.12	-91.02
LACL-6	43	18.72	-98	42.40	1568.0	80283.49	0.02	-0.05	-35.43	-89.56
LACL-7	43	19.60	-98	44.85	1607.0	80282.35	0.00	-0.04	-34.23	-89.71
LACL-8	43	20.45	-98	42.40	1630.0	80282.51	0.04	-0.03	-33.19	-89.41
LACL-9	43	21.37	-98	44.67	1660.0	80281.51	0.04	-0.01	-32.75	-89.99
LACL-10	43	23.10	-98	42.45	1594.0	80288.32	0.00	-0.04	-34.75	-89.79
LACL-11	43	24.85	-98	44.78	1604.0	80287.03	0.01	-0.04	-37.74	-93.11
LACL-12	43	25.68	-98	42.47	1578.0	80291.79	0.01	-0.04	-36.67	-91.14
LACL-13	43	28.30	-98	43.60	1525.0	80298.26	0.00	-0.06	-39.13	-91.81
LACL-14	43	27.38	-98	41.30	1551.0	80297.83	0.00	-0.05	-35.73	-89.29
LACL-15	43	29.93	-98	40.12	1574.0	80303.47	0.01	-0.04	-31.77	-86.10
LACL-16	43	28.27	-98	38.92	1565.0	80301.04	0.00	-0.04	-32.55	-86.58
LACL-17	43	26.50	-98	38.92	1581.0	80295.47	0.03	-0.04	-33.95	-88.50
LACL-18	43	24.80	-98	37.67	1627.0	80288.83	0.02	-0.01	-33.70	-89.82
LACL-19	43	23.95	-98	40.00	1571.0	80290.98	0.02	-0.04	-35.54	-89.76
LACL-20	43	21.55	-98	39.67	1604.0	80284.53	0.02	-0.04	-35.27	-90.63
LACL-21	43	17.15	-98	37.47	1624.0	80273.42	0.03	-0.02	-37.87	-93.89
LAA-1	43	7.52	-98	2.95	1732.0	80263.04	0.03	0.11	-23.60	-83.21
LAA-2	43	9.25	-98	0.57	1676.0	80271.01	0.01	0.09	-23.50	-81.22
LAA-3	43	12.70	-98	1.80	1712.0	80268.21	0.01	0.12	-28.11	-87.04

LAA-4	43	14.40	-98	3.00	1614.0	80275.46	0.01	0.05	-32.63	-88.26
LAA-5	43	13.57	-98	6.50	1633.0	80270.98	0.02	0.06	-34.08	-90.33
LAA-6	43	11.85	-98	5.40	1804.0	80258.37	0.02	0.17	-28.02	-90.06
LAA-7	43	10.97	-98	2.97	1850.0	80256.28	0.02	0.22	-24.46	-88.03
LAA-8	43	9.25	-98	4.15	1870.0	80252.39	0.00	0.22	-23.88	-88.16
LAA-9	43	8.45	-98	6.48	1814.0	80254.14	0.01	0.16	-26.19	-88.59
GC-1	43	7.55	-98	7.67	1749.0	80258.36	0.01	0.11	-26.73	-86.94
GC-2	43	9.30	-98	7.68	1776.0	80256.75	0.02	0.14	-28.44	-89.54
GC-3	43	10.97	-98	7.73	1781.0	80257.64	0.01	0.15	-29.59	-90.86
GC-4	43	12.65	-98	7.73	1710.0	80264.14	0.01	0.11	-32.29	-91.16
GC-5	43	14.40	-98	7.73	1521.0	80279.39	0.00	0.00	-37.45	-89.93
GC-6	43	14.38	-98	10.07	1478.0	80281.68	0.00	-0.03	-39.17	-90.20
GC-7	43	12.72	-98	10.07	1583.0	80272.60	0.01	0.03	-35.88	-90.45
GC-8	43	10.98	-98	10.08	1648.0	80266.07	0.00	0.06	-33.68	-90.47
GC-9	43	9.28	-98	10.07	1630.0	80266.61	0.02	0.05	-32.27	-88.44
GC-10	43	7.53	-98	10.05	1592.0	80269.86	0.01	0.03	-29.96	-84.85
GC-11	43	7.52	-98	12.43	1510.0	80274.68	0.01	-0.03	-32.84	-84.96
GC-12	43	9.25	-98	12.45	1505.0	80274.91	0.00	-0.03	-35.68	-87.64
GC-13	43	10.98	-98	12.47	1498.0	80276.75	0.01	-0.02	-37.10	-88.80
GC-14	43	12.72	-98	12.47	1506.0	80277.87	0.00	-0.02	-37.85	-89.83
GC-15	43	14.37	-98	12.45	1447.0	80284.03	0.00	-0.05	-39.72	-89.70
GC-16	43	14.38	-98	14.82	1424.0	80287.44	0.00	-0.07	-38.49	-87.70
GC-17	43	12.73	-98	14.85	1438.0	80283.89	0.00	-0.06	-38.24	-87.92
GC-18	43	11.00	-98	14.87	1458.0	80279.39	0.00	-0.05	-38.26	-88.61
GC-19	43	9.23	-98	14.88	1459.0	80278.24	0.00	-0.06	-36.65	-87.05
GC-20	43	7.50	-98	14.88	1457.0	80277.57	0.01	-0.06	-34.90	-85.22
WNE-1	43	7.50	-98	17.27	1406.0	80280.23	0.01	-0.08	-37.04	-85.62
WNE-2	43	9.25	-98	17.27	1401.0	80281.91	0.00	-0.08	-38.46	-86.88
WNE-3	43	11.02	-98	17.25	1400.0	80283.14	0.00	-0.08	-39.99	-88.38
WNE-4	43	12.75	-98	17.23	1415.0	80285.29	0.01	-0.08	-39.03	-87.93
WNE-5	43	14.48	-98	17.23	1414.0	80288.30	0.00	-0.08	-38.72	-87.59
WNE-6	43	14.50	-98	19.63	1430.0	80286.83	0.00	-0.08	-38.72	-88.14
WNE-7	43	12.75	-98	19.63	1429.0	80283.90	0.00	-0.08	-39.11	-88.49
WNE-8	43	11.02	-98	19.63	1429.0	80281.18	0.00	-0.08	-39.22	-88.61
WNE-9	43	9.27	-98	19.63	1420.0	80280.40	0.00	-0.08	-38.21	-87.29
WNE-10	43	7.52	-98	19.65	1417.0	80280.53	0.01	-0.08	-35.73	-84.70
WNE-11	43	7.53	-98	22.03	1469.0	80277.32	0.00	-0.07	-34.07	-84.82
WNE-12	43	9.28	-98	22.03	1483.0	80277.73	0.01	-0.06	-34.98	-86.19
WNE-13	43	11.03	-98	22.03	1465.0	80279.42	0.00	-0.07	-37.61	-88.23
WNE-14	43	12.77	-98	22.02	1455.0	80281.43	0.00	-0.07	-39.16	-89.44
WNE-15	43	14.50	-98	22.02	1459.0	80283.17	0.01	-0.07	-39.65	-90.05
RA-1	43	13.63	-98	24.10	1464.0	80279.85	0.00	-0.07	-41.19	-91.77
RA-2	43	12.77	-98	24.40	1471.0	80278.67	0.01	-0.07	-40.42	-91.23
RA-3	43	14.52	-98	26.78	1534.0	80272.86	0.01	-0.04	-42.94	-95.89
RA-4	43	12.78	-98	26.78	1475.0	80277.69	0.01	-0.06	-41.04	-91.98
RA-5	43	12.80	-98	29.15	1549.0	80273.72	0.00	-0.04	-38.08	-91.56
RA-6	43	14.53	-98	29.13	1561.0	80271.98	0.00	-0.04	-41.29	-95.19
RA-7	43	11.05	-98	29.17	1509.0	80278.33	0.00	-0.05	-34.59	-86.71
RA-8	43	10.17	-98	27.97	1455.0	80281.94	0.01	-0.07	-34.74	-85.00
RA-9	43	8.93	-98	29.17	1471.0	80281.53	0.01	-0.04	-31.78	-82.56
RA-10	43	7.55	-98	26.78	1509.0	80278.17	0.00	-0.04	-29.49	-81.59
RA-11	43	7.53	-98	24.40	1480.0	80278.64	0.00	-0.06	-31.71	-82.84
RA-12	43	9.27	-98	24.40	1471.0	80279.97	0.00	-0.07	-33.85	-84.67
RA-13	43	11.03	-98	24.42	1470.0	80280.16	0.00	-0.07	-36.40	-87.19
RA-14	43	9.28	-98	26.80	1461.0	80281.97	0.01	-0.07	-32.80	-83.28
CL-2	43	58.83	-98	33.10	1596.0	80365.17	0.01	0.06	-11.55	-66.54

CL-3	43	59.63	-98	35.42	1780.0	80353.57	0.05	0.17	-7.05	-68.23
CL-4	43	59.63	-98	37.83	1848.0	80346.19	0.00	0.16	-8.04	-71.62
CL-5	43	58.77	-98	40.18	1795.0	80347.87	0.00	0.11	-10.05	-71.85
CL-6	43	58.73	-98	42.50	1782.0	80349.35	0.03	0.09	-9.73	-71.08
CL-7	43	57.85	-98	44.30	1752.0	80351.69	0.01	0.07	-8.88	-69.24
CL-8	43	57.00	-98	42.50	1772.0	80351.44	0.01	0.09	-5.97	-66.99
CL-9	43	57.00	-98	40.17	1786.0	80348.37	0.01	0.11	-7.72	-69.21
CL-10	43	57.03	-98	37.77	1713.0	80351.47	0.01	0.10	-11.53	-70.51
CL-11	43	57.88	-98	35.43	1659.0	80357.46	0.00	0.07	-11.90	-69.06
CL-12	43	57.08	-98	33.07	1585.0	80362.15	0.00	0.04	-12.96	-67.61
CL-13	43	57.97	-98	30.67	1484.0	80368.83	0.00	-0.01	-17.12	-68.34
CL-14	43	55.33	-98	31.83	1521.0	80359.80	0.00	0.00	-18.69	-71.17
CL-15	43	55.32	-98	34.20	1593.0	80362.82	0.00	0.03	-8.89	-63.82
CL-16	43	55.27	-98	36.58	1711.0	80356.58	0.01	0.09	-3.96	-62.88
CL-17	43	55.25	-98	38.97	1671.0	80362.96	0.01	0.05	-1.31	-58.89
CL-18	43	55.25	-98	41.30	1703.0	80363.23	0.00	0.06	1.97	-56.72
CL-19	43	55.25	-98	43.68	1836.0	80354.60	0.02	0.15	5.84	-57.31
CL-20	43	53.53	-98	43.67	1744.0	80356.05	0.01	0.09	1.24	-58.82
CL-21	43	53.53	-98	41.33	1638.0	80371.47	0.00	0.03	6.69	-49.79
CL-22	43	53.53	-98	39.07	1606.0	80373.82	0.00	0.01	6.03	-49.36
CL-23	43	53.58	-98	36.58	1644.0	80367.24	0.01	0.04	2.95	-53.72
CL-24	43	53.62	-98	34.20	1562.0	80368.85	0.00	0.00	-3.21	-57.10
CL-25	43	51.83	-98	31.83	1495.0	80355.90	0.00	-0.03	-19.76	-71.38
CL-26	43	51.83	-98	34.12	1549.0	80366.26	0.05	-0.01	-4.33	-57.73
CL-27	43	52.70	-98	36.58	1634.0	80369.60	0.03	0.03	5.70	-50.62
CL-28	43	51.83	-98	36.62	1585.0	80370.93	0.00	0.00	3.73	-50.95
CL-29	43	51.78	-98	40.25	1588.0	80372.76	0.00	0.00	5.92	-48.87
CL-30	43	51.78	-98	43.67	1666.0	80353.85	0.00	0.04	-5.66	-63.09
CL-31	43	49.93	-98	42.88	1614.0	80352.71	0.00	0.01	-8.90	-64.57
CL-32	43	48.20	-98	42.87	1601.0	80343.90	0.01	-0.01	-16.33	-71.56
CL-33	43	46.43	-98	42.88	1592.0	80341.41	0.00	-0.01	-16.99	-71.93
CL-34	43	46.43	-98	40.48	1633.0	80345.53	0.00	0.00	-9.02	-65.36
CL-35	43	48.20	-98	40.47	1618.0	80349.64	0.00	0.00	-8.99	-64.81
CL-36	43	49.93	-98	40.47	1637.0	80356.39	0.00	0.02	-3.06	-59.51
CL-37	43	49.90	-98	37.40	1617.0	80365.32	0.01	0.01	4.04	-51.73
CL-38	43	48.13	-98	37.37	1595.0	80357.43	0.00	0.00	-3.25	-58.28
CL-39	43	46.42	-98	37.38	1592.0	80353.89	0.00	-0.01	-4.50	-59.43
CL-40	43	46.47	-98	32.73	1527.0	80365.03	0.00	-0.03	0.45	-52.26
CL-41	43	48.20	-98	33.88	1539.0	80364.54	0.00	-0.02	-1.52	-54.63
CL-42	43	49.95	-98	33.83	1538.0	80367.07	0.01	-0.02	-1.72	-54.79
CL-43	43	49.95	-98	31.43	1477.0	80359.86	0.00	-0.04	-14.66	-65.66
CL-44	43	48.22	-98	31.47	1498.0	80364.11	0.00	-0.03	-5.83	-57.55
CL-45	43	46.47	-98	31.50	1505.0	80365.98	0.00	-0.03	-0.67	-52.62
MI-1	43	43.45	-98	30.45	1532.0	80353.97	0.00	-0.02	-5.59	-58.46
MI-2	43	44.70	-98	32.70	1538.0	80357.23	0.00	-0.02	-3.65	-56.73
MI-3	43	43.85	-98	35.67	1584.0	80353.15	0.00	-0.01	-2.12	-56.78
MI-4	43	43.85	-98	40.45	1627.0	80351.90	0.00	0.00	0.67	-55.46
MI-5	43	44.70	-98	44.05	1597.0	80341.30	0.00	-0.02	-14.03	-69.14
MI-6	43	42.10	-98	44.05	1640.0	80344.76	0.03	0.00	-2.61	-59.15
MI-7	43	40.37	-98	42.83	1643.0	80340.55	0.00	0.00	-3.93	-60.61
MI-8	43	38.58	-98	44.05	1653.0	80336.90	0.00	0.00	-3.94	-60.97
MI-9	43	38.60	-98	39.30	1630.0	80337.55	0.00	0.00	-5.48	-61.72
MI-10	43	39.45	-98	36.90	1617.0	80340.65	0.00	0.00	-4.89	-60.67
MI-11	43	41.25	-98	39.20	1630.0	80342.51	0.00	0.00	-4.52	-60.75
MI-12	43	42.10	-98	35.65	1591.0	80346.82	0.00	-0.01	-5.15	-60.05
MI-13	43	42.10	-98	31.60	1551.0	80345.72	0.00	-0.02	-10.02	-63.55

MI-14	43	37.70	-98	33.25	1617.0	80325.10	0.01	0.00	-17.80	-73.58
MI-15	43	37.70	-98	28.88	1594.0	80321.05	0.01	0.00	-24.01	-79.00
MI-16	43	40.38	-98	28.85	1548.0	80334.97	0.02	-0.02	-18.46	-71.86
LL-1	43	36.87	-98	38.07	1634.0	80332.04	0.00	0.00	-8.01	-64.38
LL-2	43	35.12	-98	38.08	1640.0	80325.50	0.01	0.00	-11.35	-67.92
LL-3	43	33.38	-98	38.07	1624.0	80316.28	0.00	-0.01	-19.45	-75.49
LL-4	43	32.50	-98	39.37	1622.0	80309.10	0.01	-0.01	-25.50	-81.45
LL-5	43	30.80	-98	39.38	1573.0	80308.12	0.01	-0.04	-28.52	-82.82
LL-6	43	31.63	-98	38.15	1615.0	80308.71	0.01	-0.02	-25.23	-80.96
LL-7	43	32.13	-98	41.70	1620.0	80305.07	0.01	-0.02	-29.16	-85.06
LL-8	43	32.55	-98	40.47	1639.0	80310.58	0.03	0.00	-22.49	-79.01
LL-9	43	35.12	-98	40.45	1654.0	80324.39	0.00	0.00	-11.14	-68.20
LL-10	43	36.87	-98	40.45	1650.0	80334.57	0.00	0.00	-3.98	-60.90
LL-11	43	35.12	-98	42.80	1649.0	80321.74	0.00	-0.01	-14.27	-71.16
LL-12	43	33.42	-98	42.87	1644.0	80306.46	0.02	0.00	-27.45	-84.15
LL-13	43	32.55	-98	42.90	1594.0	80305.73	0.00	-0.03	-31.58	-86.60
LL-14	43	30.85	-98	42.92	1553.0	80303.22	0.00	-0.05	-35.38	-89.01
LL-15	43	36.83	-98	42.80	1654.0	80333.18	0.00	0.00	-4.93	-61.99
WB-1	43	10.50	-98	53.90	1390.0	80280.10	0.18	0.08	-43.19	-90.89
WB-2	43	9.28	-98	53.92	1840.0	80247.82	0.19	0.46	-31.32	-94.13
WB-3	43	7.70	-98	54.83	1941.0	80238.08	0.07	0.28	-29.18	-95.78
WB-4	43	7.60	-98	56.53	1994.0	80234.44	0.01	0.26	-27.69	-96.19
WB-5	43	10.60	-98	56.53	1409.0	80280.01	0.06	0.09	-41.64	-90.11
WB-6	43	11.12	-98	56.48	1375.0	80280.23	0.02	0.06	-45.40	-92.77
WB-7	43	11.58	-98	55.02	1400.0	80281.65	0.04	0.01	-42.32	-90.58
WB-8	43	11.43	-98	53.93	1520.0	80272.14	0.96	0.02	-40.32	-91.79
WB-9	43	13.12	-98	53.60	1427.0	80278.85	0.05	0.03	-44.90	-94.06
WB-10	43	11.90	-98	58.88	1427.0	80278.75	0.05	0.13	-43.16	-92.22
WB-11	43	12.75	-98	59.75	1460.0	80277.64	0.06	0.15	-42.45	-92.62
HNE-1	43	13.02	-99	0.50	1528.0	80273.83	0.05	0.11	-40.27	-92.83
HNE-2	43	13.80	-99	1.25	1516.0	80276.35	0.05	0.14	-40.06	-92.17
WB-12	43	10.58	-98	59.47	1436.0	80274.90	0.02	0.12	-44.18	-93.59
HNE-3	43	7.53	-99	5.98	2105.0	80218.43	0.01	0.18	-33.16	-105.55
HNE-4	43	7.55	-99	4.22	2094.0	80220.16	0.03	0.22	-32.49	-104.45
HNE-5	43	8.42	-99	4.22	2110.0	80221.72	0.03	0.31	-30.74	-103.16
HNE-6	43	8.95	-99	3.62	2086.0	80224.76	0.16	0.39	-30.75	-102.13
HNE-7	43	8.92	-99	1.90	2050.0	80226.29	0.05	0.43	-32.56	-102.77
HNE-8	43	10.15	-99	4.25	1702.0	80248.54	0.16	0.10	-44.88	-103.34
HNE-9	43	11.32	-99	3.85	1520.0	80267.23	0.07	0.19	-45.07	-97.25
HNE-10	43	8.63	-99	7.28	2135.0	80218.76	0.02	0.24	-31.66	-105.02
HNE-11	43	9.63	-99	6.63	2128.0	80222.21	0.14	0.40	-30.38	-103.21
HNE-12	43	11.57	-99	7.15	1742.0	80252.24	0.06	0.06	-39.56	-99.53
HNE-13	43	12.73	-99	7.47	1933.0	80241.92	0.16	0.20	-33.67	-99.97
HNE-14	43	14.48	-99	7.15	2033.0	80237.92	0.01	0.20	-30.90	-100.80
LSE-1	43	15.35	-99	7.15	2006.0	80239.91	0.01	0.18	-32.76	-101.75
LSE-2	43	16.00	-99	6.52	1984.0	80244.71	0.13	0.23	-31.00	-99.07
LSE-3	43	16.00	-99	4.92	1673.0	80268.43	0.12	0.15	-36.52	-93.97
LU-1	43	15.33	-99	9.52	1991.0	80238.37	0.00	0.11	-35.68	-104.23
LU-2	43	15.33	-99	10.68	2023.0	80235.44	0.02	0.14	-35.60	-105.20
LU-3	43	17.08	-99	10.68	2049.0	80236.18	0.07	0.16	-35.05	-105.48
LU-4	43	17.08	-99	13.05	2077.0	80232.53	0.01	0.14	-36.06	-107.54
LU-5	43	17.95	-99	11.87	2006.0	80240.47	0.01	0.11	-36.11	-105.17
LU-6	43	18.82	-99	13.05	2028.0	80237.90	0.02	0.13	-37.92	-107.71
LU-7	43	20.53	-99	14.25	2114.0	80233.74	0.05	0.24	-36.57	-109.18
LU-8	43	20.55	-99	11.87	2098.0	80235.64	0.00	0.26	-36.20	-108.29
LU-9	43	20.55	-99	9.52	2071.0	80239.26	0.09	0.41	-35.12	-106.04

LU-10	43	19.70	-99	10.70	2065.0	80237.53	0.01	0.22	-36.14	-107.12
LU-11	43	19.68	-99	8.33	2023.0	80242.49	0.01	0.34	-35.10	-104.51
LU-12	43	18.82	-99	9.22	2032.0	80240.55	0.05	0.22	-34.90	-104.70
LSE-4	43	17.47	-99	4.73	1984.0	80250.01	0.24	0.65	-27.92	-95.45
LSE-5	43	18.63	-99	6.33	2000.0	80246.07	0.88	0.63	-32.10	-99.56
LSE-6	43	18.82	-99	7.15	2006.0	80244.64	0.21	0.43	-33.25	-101.79
LU-13	43	17.93	-99	14.23	2118.0	80230.03	0.01	0.17	-35.99	-108.84
HNW-1	43	14.48	-99	13.05	2049.0	80232.47	0.12	0.17	-34.84	-105.21
HNW-2	43	14.38	-99	14.85	2078.0	80229.85	0.04	0.14	-34.59	-106.06
HNW-3	43	14.07	-99	10.68	1868.0	80244.73	0.09	0.07	-38.98	-103.25
HNW-4	43	12.32	-99	10.68	2038.0	80231.12	0.07	0.19	-33.98	-104.00
HNW-5	43	11.02	-99	10.70	1930.0	80235.86	0.09	0.09	-37.43	-103.82
HNW-6	43	9.35	-99	10.68	2128.0	80219.11	0.05	0.20	-33.05	-106.18
HNW-7	43	7.98	-99	10.68	2158.0	80216.10	0.01	0.17	-31.18	-105.41
HNW-8	43	11.02	-99	11.87	2097.0	80223.73	0.03	0.17	-33.86	-105.97
HNW-9	43	11.02	-99	13.93	2087.0	80223.64	0.04	0.12	-34.89	-106.70
HNW-10	43	9.83	-99	13.23	2129.0	80217.58	0.29	0.15	-35.21	-108.19
HNW-11	43	8.42	-99	13.63	2180.0	80214.21	0.01	0.16	-31.67	-106.66
AV1	43	1.47	-98	2.97	1595.0	80273.30	0.01	0.02	-17.12	-72.12
AV2	43	1.50	-98	0.58	1584.0	80274.65	0.01	0.02	-16.85	-71.47
AV3	43	3.23	-98	0.57	1624.0	80272.08	0.02	0.05	-18.26	-74.22
AV4	43	4.93	-98	0.55	1678.0	80269.10	0.03	0.09	-18.72	-76.49
AV5	43	6.67	-98	0.57	1665.0	80270.21	0.01	0.08	-21.45	-78.80
AV6	43	6.67	-98	2.92	1750.0	80261.39	0.00	0.12	-22.28	-82.53
AV7	43	4.92	-98	2.90	1725.0	80263.28	0.01	0.10	-20.11	-79.50
AV8	43	3.22	-98	2.93	1648.0	80268.86	0.01	0.05	-19.21	-76.00
AV9	43	3.22	-98	5.30	1605.0	80270.74	0.00	0.02	-21.37	-76.73
AV10	43	4.95	-98	5.28	1682.0	80264.33	0.01	0.06	-23.15	-81.10
AV11	43	6.67	-98	5.30	1727.0	80260.60	0.00	0.09	-25.23	-84.72
AV12	43	1.47	-98	5.50	1636.0	80269.74	0.06	0.05	-16.83	-73.16
DA1	43	1.48	-98	7.72	1545.0	80273.61	0.00	-0.01	-21.53	-74.84
DA2	43	3.22	-98	7.67	1647.0	80266.60	0.00	0.05	-21.57	-78.33
DA3	43	4.95	-98	7.65	1675.0	80263.80	0.02	0.06	-24.34	-82.04
DA4	43	6.70	-98	7.67	1722.0	80260.35	0.01	0.09	-26.00	-85.30
DA5	43	6.67	-98	10.03	1579.0	80271.10	0.02	0.02	-28.65	-83.09
DA6	43	6.65	-98	12.42	1506.0	80274.74	0.00	-0.03	-31.84	-83.84
DA7	43	6.63	-98	14.88	1462.0	80276.60	0.01	-0.06	-34.09	-84.59
DA8	43	4.88	-98	14.88	1390.0	80279.72	0.01	-0.07	-35.11	-83.13
DA9	43	4.90	-98	12.40	1478.0	80275.47	0.01	-0.04	-31.11	-82.14
DA10	43	4.92	-98	10.02	1551.0	80271.32	0.00	0.00	-28.43	-81.94
DA11	43	3.23	-98	10.03	1489.0	80275.58	0.01	-0.02	-27.46	-78.84
DA12	43	1.50	-98	10.05	1397.0	80281.01	0.01	-0.04	-28.08	-76.31
DA13	43	3.03	-98	12.68	1431.0	80277.37	0.04	-0.06	-30.82	-80.22
DA14	43	3.12	-98	14.77	1441.0	80275.94	0.00	-0.07	-31.44	-81.24
DA15	43	1.42	-98	12.37	1438.0	80276.64	0.01	-0.06	-28.47	-78.14
DA16	43	1.38	-98	14.73	1448.0	80274.93	0.00	-0.06	-29.18	-79.20
WA1	43	1.40	-98	17.30	1571.0	80266.16	0.01	-0.01	-26.41	-80.61
WA2	43	3.13	-98	17.30	1463.0	80273.96	0.01	-0.06	-31.37	-81.90
WA3	43	4.02	-98	17.58	1456.0	80274.71	0.01	-0.07	-32.62	-82.92
WA4	43	6.63	-98	17.27	1416.0	80279.24	0.00	-0.08	-35.78	-84.72
WA5	43	6.65	-98	19.65	1442.0	80277.66	0.01	-0.07	-34.94	-84.76
WA6	43	4.90	-98	19.65	1465.0	80275.03	0.01	-0.07	-32.78	-83.39
WA7	43	3.15	-98	19.67	1495.0	80272.92	0.00	-0.05	-29.43	-81.07
WA8	43	1.42	-98	19.68	1562.0	80267.80	0.03	-0.02	-25.65	-79.53
WA9	43	1.43	-98	22.05	1599.0	80266.26	0.00	-0.01	-23.73	-78.90
WA10	43	3.17	-98	22.05	1556.0	80269.79	0.01	-0.01	-26.86	-80.54

WA11	43	4.90	-98	22.05	1495.0	80275.12	0.01	-0.05	-29.87	-81.49
WA12	43	6.67	-98	22.03	1473.0	80276.97	0.00	-0.07	-32.75	-83.64
WSW1	43	6.67	-98	24.40	1501.0	80276.98	0.00	-0.05	-30.11	-81.94
WSW2	43	4.92	-98	24.40	1553.0	80272.26	0.01	-0.01	-27.30	-80.88
WSW3	43	3.18	-98	24.40	1704.0	80260.57	0.01	0.07	-22.18	-80.88
WSW4	43	1.43	-98	24.42	1569.0	80268.21	0.04	-0.01	-24.60	-78.70
WSW5	43	1.43	-98	26.80	1568.0	80268.65	0.01	0.00	-24.25	-78.34
WSW6	43	3.17	-98	26.80	1726.0	80258.30	0.01	0.09	-22.36	-81.80
WSW7	43	4.93	-98	26.78	1746.0	80259.19	0.04	0.12	-22.24	-82.31
WSW8	43	6.67	-98	26.78	1549.0	80274.39	0.00	-0.02	-28.18	-81.64
WSW9	43	6.68	-98	29.18	1785.0	80257.76	0.02	0.18	-22.64	-84.01
FRD1	43	6.68	-98	30.97	1843.0	80253.33	0.03	0.30	-21.61	-84.85
WSW10	43	4.10	-98	29.20	1828.0	80252.99	0.04	0.26	-19.48	-82.23
WSW11	43	2.32	-98	29.17	1648.0	80263.14	0.05	0.11	-23.58	-80.27
WSW12	43	0.15	-98	29.15	1273.0	80287.41	0.11	0.04	-31.30	-75.09
FRD2	43	5.83	-98	32.75	1468.0	80280.54	0.07	0.01	-28.38	-78.96
FRD3	43	4.17	-98	32.15	1462.0	80281.42	0.02	-0.01	-25.57	-76.01
FRD4	43	3.27	-98	32.30	1260.0	80293.14	0.18	0.07	-31.49	-74.72
FRD5	43	2.72	-98	34.17	1341.0	80288.60	0.01	-0.02	-27.59	-73.87
FRD6	43	1.45	-98	35.37	1386.0	80280.79	0.07	0.06	-29.25	-76.95
FRD7	43	1.45	-98	37.42	1444.0	80271.96	0.05	0.09	-32.63	-82.32
FRD8	43	2.33	-98	32.80	1298.0	80286.23	0.02	0.00	-33.41	-78.19
FRD9	43	0.58	-98	33.40	1731.0	80255.76	0.13	0.23	-20.53	-79.89
FRD10	43	6.70	-98	32.75	1492.0	80278.08	0.13	0.04	-29.90	-81.21
FRD11	43	6.72	-98	35.00	1540.0	80281.55	0.11	0.05	-21.94	-74.92
LASW-1	43	1.50	-98	37.55	1460.0	80270.08	0.04	0.08	-33.08	-83.34
LASW-2	43	2.33	-98	38.82	1779.0	80247.86	0.01	0.19	-26.55	-87.72
LASW-3	43	2.35	-98	41.70	1774.0	80246.07	0.01	0.14	-28.84	-89.89
LASW-4	43	3.78	-98	42.05	1380.0	80274.29	0.05	0.09	-39.82	-87.30
LASW-5	43	1.05	-98	43.17	1805.0	80243.72	0.02	0.07	-26.32	-88.49
LASW-6	43	1.90	-98	44.67	1849.0	80240.78	0.01	0.12	-26.41	-90.05
LASW-7	43	3.43	-98	43.63	1820.0	80241.82	0.35	0.40	-30.39	-92.42
LA-1	43	8.43	-98	31.55	1517.0	80277.96	0.01	-0.02	-30.27	-82.62
LA-2	43	10.17	-98	31.53	1476.0	80280.99	0.01	-0.05	-33.71	-84.68
LA-3	43	11.92	-98	31.55	1645.0	80268.36	0.01	0.01	-33.09	-89.82
LAA-4	43	13.67	-98	31.55	1610.0	80270.93	0.00	-0.02	-36.44	-92.01
LA-5	43	14.57	-98	33.92	1638.0	80270.21	0.00	-0.01	-35.88	-92.40
LA-6	43	12.80	-98	33.92	1603.0	80271.41	0.02	-0.03	-35.31	-90.62
LA-7	43	11.07	-98	33.92	1541.0	80275.99	0.01	-0.04	-33.96	-87.15
LA-8	43	9.32	-98	33.92	1512.0	80278.49	0.02	0.00	-31.55	-83.70
LA-9	43	7.57	-98	33.93	1435.0	80284.42	0.01	0.01	-30.23	-79.72
LA-10	43	10.18	-98	36.30	1686.0	80266.82	0.01	0.05	-28.15	-86.25
LA-11	43	8.80	-98	36.33	1914.0	80252.47	0.03	0.36	-18.99	-84.61
LA-12	43	11.95	-98	36.28	1578.0	80272.99	0.01	-0.03	-34.80	-89.26
LA-13	43	13.68	-98	36.28	1656.0	80268.39	0.00	0.00	-34.67	-91.80
LANW1	43	13.68	-98	38.67	1546.0	80276.37	0.03	-0.04	-37.03	-90.38
LANW2	43	11.93	-98	38.67	1574.0	80274.28	0.02	-0.03	-33.86	-88.17
LANW3	43	10.20	-98	38.67	1742.0	80262.39	0.03	0.07	-27.35	-87.34
LANW4	43	8.48	-98	39.87	1818.0	80256.24	0.02	0.19	-23.76	-86.26
LANW5	43	10.20	-98	41.18	1546.0	80274.97	0.04	-0.01	-33.20	-86.51
LANW6	43	8.40	-98	42.40	1412.0	80278.46	0.08	0.00	-39.60	-88.24
LANW7	43	9.28	-98	43.48	1501.0	80274.71	0.06	-0.04	-36.30	-88.07
LANW8	43	11.00	-98	43.58	1506.0	80276.23	0.00	-0.06	-36.90	-88.92
LANW9	43	12.73	-98	43.58	1548.0	80275.72	0.00	-0.05	-36.07	-89.52
LANW10	43	11.85	-98	41.18	1479.0	80280.61	0.01	-0.04	-36.34	-87.40
LANW11	43	13.58	-98	41.20	1545.0	80277.44	0.01	-0.05	-35.91	-89.25

LANW12	43	14.47	-98	43.58	1597.0	80274.49	0.00	-0.04	-35.31	-90.44
B1	43	15.30	-98	45.92	1721.0	80266.60	0.00	0.02	-32.79	-92.14
B2	43	16.17	-98	48.30	1698.0	80266.28	0.00	0.00	-36.58	-95.16
B3	43	17.85	-98	48.30	1693.0	80269.66	0.00	0.00	-36.20	-94.60
B4	43	17.05	-98	45.93	1638.0	80274.60	0.00	-0.03	-35.23	-91.77
B5	43	18.77	-98	45.97	1629.0	80278.00	0.00	-0.03	-35.26	-91.49
B6	43	20.40	-98	45.93	1644.0	80280.00	0.01	-0.03	-34.31	-91.04
B7	43	22.20	-98	45.92	1658.0	80280.78	0.01	-0.02	-34.92	-92.13
B8	43	21.32	-98	48.28	1664.0	80276.64	0.00	-0.02	-37.17	-94.60
B9	43	21.28	-98	50.65	1616.0	80275.35	0.01	-0.04	-42.91	-98.69
B10	43	19.58	-98	50.63	1636.0	80271.57	0.00	-0.03	-42.25	-98.72
B11	43	19.67	-98	48.32	1629.0	80276.03	0.00	-0.04	-38.59	-94.83
B12	43	17.88	-98	50.63	1747.0	80262.10	0.00	0.04	-38.73	-98.95
B13	43	16.17	-98	50.63	1779.0	80258.73	0.00	0.07	-36.51	-97.81
CC-1	43	14.43	-98	49.48	1771.0	80258.23	0.01	0.07	-35.15	-96.16
CC-2	43	14.43	-98	47.12	1720.0	80263.12	0.01	0.02	-35.05	-94.36
CC-3	43	13.57	-98	50.67	1802.0	80254.28	0.05	0.29	-34.89	-96.70
CC-4	43	11.95	-98	49.62	1780.0	80254.48	0.29	0.25	-34.32	-95.18
CC-5	43	10.15	-98	49.45	1379.0	80282.57	0.01	-0.02	-41.22	-88.82
CC-6	43	11.02	-98	48.32	1426.0	80278.57	0.06	0.04	-42.11	-91.22
CC-7	43	17.72	-98	48.28	1780.0	80256.10	0.18	0.09	-41.38	-102.51
CC-8	43	13.57	-98	45.95	1616.0	80270.79	0.03	-0.01	-35.87	-91.60
CC-9	43	11.88	-98	45.97	1572.0	80271.28	0.04	-0.02	-36.97	-91.19
LASW-8	43	6.23	-98	42.40	1405.0	80274.69	0.03	-0.03	-40.76	-89.24
LASW-9	43	5.87	-98	39.88	1443.0	80275.39	0.06	0.00	-35.94	-85.68
DSE-1	43	15.25	-98	0.67	1638.0	80276.25	0.04	0.09	-30.87	-87.25
DSE-2	43	17.00	-98	0.72	1482.0	80289.14	0.00	-0.01	-35.28	-86.42
DSE-3	43	18.75	-98	0.75	1463.0	80292.51	0.00	-0.03	-36.33	-86.84
DSE-4	43	20.45	-98	0.78	1444.0	80295.35	0.00	-0.04	-37.84	-87.70
DSE-5	43	22.20	-98	0.85	1430.0	80297.82	0.01	-0.04	-39.32	-88.69
DSE-6	43	21.30	-98	3.15	1463.0	80293.22	0.00	-0.04	-39.46	-89.98
DSE-7	43	19.58	-98	3.05	1477.0	80290.57	0.00	-0.03	-38.20	-89.20
DSE-8	43	17.82	-98	3.05	1512.0	80286.15	0.01	-0.01	-36.68	-88.85
DSE-9	43	16.08	-98	3.03	1639.0	80275.62	0.00	0.06	-32.65	-89.14
DSE-10	43	15.25	-98	5.40	1512.0	80281.82	0.01	0.01	-37.14	-89.29
DSE-11	43	16.95	-98	5.42	1620.0	80276.60	0.00	0.04	-34.77	-90.62
DSE-12	43	18.72	-98	5.45	1554.0	80283.07	0.00	0.00	-37.17	-90.78
DSE-13	43	20.43	-98	5.47	1510.0	80287.67	0.00	-0.02	-39.28	-91.40
DSE-14	43	22.17	-98	5.53	1491.0	80291.04	0.00	-0.03	-40.32	-91.79
D-1	43	21.28	-98	7.82	1546.0	80285.68	0.00	-0.01	-39.17	-92.52
D-2	43	19.57	-98	7.80	1550.0	80283.03	0.00	-0.01	-38.87	-92.35
D-3	43	17.85	-98	7.77	1588.0	80278.69	0.00	0.02	-37.04	-91.81
D-4	43	16.12	-98	7.75	1536.0	80280.11	0.01	0.00	-37.91	-90.89
D-5	43	15.23	-98	10.10	1456.0	80284.17	0.00	-0.04	-40.03	-90.31
D-6	43	16.97	-98	10.12	1512.0	80282.30	0.00	-0.02	-39.25	-91.44
D-7	43	18.72	-98	10.13	1544.0	80282.57	0.00	-0.01	-38.61	-91.89
D-8	43	20.40	-98	10.12	1554.0	80284.28	0.00	-0.01	-38.49	-92.11
D-9	43	22.15	-98	10.17	1586.0	80282.36	0.00	0.01	-40.03	-94.74
D-10	43	21.27	-98	12.47	1518.0	80290.47	0.01	-0.02	-36.99	-89.38
D-11	43	19.58	-98	12.52	1517.0	80287.17	0.01	-0.03	-37.84	-90.20
D-12	43	17.83	-98	12.48	1460.0	80287.89	0.02	-0.05	-39.85	-90.25
D-13	43	16.10	-98	12.45	1467.0	80284.57	0.00	-0.05	-39.91	-90.57
D-14	43	15.22	-98	14.82	1424.0	80288.00	0.00	-0.07	-39.19	-88.40
D-15	43	16.95	-98	14.80	1435.0	80289.30	0.00	-0.06	-39.46	-89.04
D-16	43	18.67	-98	14.80	1481.0	80289.57	0.00	-0.05	-37.46	-88.61
D-17	43	20.38	-98	14.78	1480.0	80292.89	0.01	-0.04	-36.81	-87.90

D-18	43	22.18	-98	14.93	1521.0	80294.04	0.02	-0.02	-34.51	-86.99
A-1	43	21.28	-98	17.22	1444.0	80297.75	0.00	-0.05	-36.69	-86.56
A-2	43	19.55	-98	17.13	1458.0	80293.03	0.00	-0.06	-37.49	-87.85
A-3	43	17.82	-98	17.15	1545.0	80290.00	0.47	0.02	-29.73	-82.55
A-4	43	16.08	-98	17.17	1421.0	80289.64	0.00	-0.07	-39.13	-88.23
A-5	43	16.98	-98	19.53	1464.0	80287.14	0.00	-0.06	-38.94	-89.52
A-6	43	18.70	-98	19.52	1506.0	80286.69	0.00	-0.04	-38.03	-90.03
A-7	43	20.42	-98	19.48	1533.0	80288.67	0.00	-0.03	-36.10	-89.02
A-8	43	21.28	-98	19.65	1549.0	80289.60	0.00	-0.02	-34.96	-88.43
A-9	43	21.33	-98	21.90	1590.0	80284.76	0.00	-0.01	-36.02	-90.89
A-10	43	19.60	-98	21.83	1558.0	80282.28	0.00	-0.02	-38.91	-92.68
A-11	43	17.87	-98	21.85	1512.0	80282.89	0.00	-0.04	-40.02	-92.23
A-12	43	16.27	-98	22.02	1475.0	80283.92	0.01	-0.06	-40.06	-91.00
A-13	43	15.40	-98	20.82	1462.0	80285.35	0.01	-0.07	-38.54	-89.05
ASW-1	43	15.38	-98	23.20	1512.0	80279.64	0.01	-0.04	-39.52	-91.72
ASW-2	43	17.02	-98	23.05	1504.0	80281.39	0.01	-0.05	-40.99	-92.92
ASW-3	43	16.25	-98	25.58	1557.0	80273.78	0.00	-0.03	-42.46	-96.21
ASW-4	43	15.40	-98	27.93	1563.0	80270.79	0.03	-0.03	-43.60	-97.53
ASW-5	43	17.13	-98	27.93	1585.0	80271.37	0.01	-0.02	-43.56	-98.25
ASW-6	43	17.87	-98	25.40	1581.0	80273.11	0.01	-0.01	-43.31	-97.86
ASW-7	43	19.60	-98	25.38	1540.0	80279.25	0.00	-0.03	-43.63	-96.79
ASW-8	43	20.47	-98	24.18	1573.0	80280.57	0.01	-0.02	-40.52	-94.80
ASW-9	43	22.25	-98	24.32	1549.0	80287.46	0.02	-0.03	-38.56	-92.02
ASW-10	43	21.37	-98	26.62	1595.0	80278.90	0.00	-0.01	-41.47	-96.51
ASW-11	43	18.40	-98	27.73	1618.0	80271.18	0.01	-0.01	-42.56	-98.38
ASW-12	43	19.58	-98	28.92	1629.0	80271.98	0.00	-0.01	-42.50	-98.71
ASW-13	43	22.20	-98	28.95	1656.0	80276.57	0.00	0.01	-39.32	-96.44
MV-1	43	43.00	-98	15.93	1404.0	80352.47	0.00	-0.06	-18.44	-66.95
MV-2	43	44.75	-98	15.93	1371.0	80353.61	0.00	-0.07	-23.04	-70.42
MV-3	43	44.75	-98	18.32	1377.0	80358.57	0.01	-0.07	-17.52	-65.10
MV-4	43	43.00	-98	18.30	1420.0	80356.85	0.00	-0.06	-12.56	-61.62
MV-5	43	41.27	-98	18.30	1410.0	80358.35	0.00	-0.06	-9.39	-58.11
MV-6	43	39.53	-98	18.32	1461.0	80348.44	0.03	-0.03	-11.89	-62.30
MV-7	43	37.78	-98	18.30	1486.0	80341.98	0.01	-0.02	-13.36	-64.64
MV-8	43	37.78	-98	20.72	1503.0	80339.87	0.00	-0.02	-13.87	-65.75
MV-9	43	39.58	-98	20.72	1464.0	80350.21	0.02	-0.04	-9.91	-60.44
MV-10	43	41.27	-98	20.72	1438.0	80358.89	0.00	-0.05	-6.22	-55.89
MV-11	43	43.00	-98	20.72	1427.0	80359.80	0.01	-0.05	-8.95	-58.23
MV-12	43	44.75	-98	20.72	1405.0	80361.90	0.00	-0.06	-11.56	-60.10
MV-13	43	41.27	-98	15.90	1345.0	80348.48	0.35	-0.05	-25.37	-71.49
MV-14	43	39.50	-98	15.93	1441.0	80347.92	0.04	-0.04	-14.24	-63.96
MV-15	43	37.75	-98	15.92	1464.0	80342.04	0.01	-0.03	-15.32	-65.86
OSL1	43	36.92	-98	17.10	1497.0	80339.80	0.00	-0.02	-13.21	-64.88
OSL2	43	35.17	-98	17.08	1538.0	80332.28	0.00	0.00	-14.24	-67.30
OSL3	43	33.40	-98	17.02	1613.0	80321.41	0.01	0.03	-15.39	-71.00
OSL4	43	31.67	-98	16.90	1671.0	80310.71	0.00	0.06	-18.03	-75.61
OSL5	43	30.78	-98	19.28	1565.0	80308.24	0.24	0.02	-29.13	-82.86
OSL6	43	32.52	-98	19.35	1677.0	80313.58	0.01	0.06	-15.88	-73.66
OSL7	43	34.27	-98	19.45	1638.0	80322.66	0.00	0.04	-13.10	-69.57
OSL8	43	36.07	-98	19.50	1548.0	80333.76	0.00	0.00	-13.17	-66.58
OSL9	43	36.92	-98	21.90	1551.0	80332.05	0.00	0.00	-15.88	-69.39
OSL10	43	35.17	-98	21.88	1632.0	80323.10	0.00	0.03	-14.58	-70.85
OSL11	43	33.38	-98	21.78	1665.0	80316.22	0.01	0.05	-15.66	-73.04
OSL12	43	31.65	-98	21.68	1612.0	80313.71	0.01	0.01	-20.55	-76.14
MSW1	43	29.92	-98	23.97	1552.0	80312.72	0.01	-0.02	-24.57	-78.13
MSW2	43	31.63	-98	24.05	1616.0	80313.53	0.02	0.01	-20.32	-76.04

MSW3	43	33.38	-98	24.13	1670.0	80314.93	0.00	0.04	-16.48	-74.05
MSW4	43	35.15	-98	24.28	1638.0	80318.79	0.00	0.03	-18.29	-74.77
MSW5	43	36.90	-98	24.30	1587.0	80325.00	0.00	0.01	-19.52	-74.26
MSW6	43	37.73	-98	26.50	1582.0	80323.30	0.00	0.00	-22.94	-77.52
MSW7	43	36.00	-98	26.47	1623.0	80320.28	0.00	0.02	-19.50	-75.47
MSW8	43	34.23	-98	26.43	1640.0	80317.73	0.00	0.02	-17.78	-74.34
MSW8A	43	33.37	-98	26.40	1648.0	80316.78	0.02	0.02	-16.68	-73.50
MSW9	43	32.50	-98	26.37	1646.0	80314.50	0.00	0.02	-17.84	-74.60
MSW10	43	30.78	-98	26.33	1579.0	80313.12	0.03	-0.01	-22.93	-77.39
MSW11	43	30.78	-98	28.72	1621.0	80310.07	0.01	0.00	-22.03	-77.94
MSW12	43	32.52	-98	28.77	1642.0	80313.67	0.00	0.01	-19.08	-75.71
MSW13	43	34.25	-98	28.77	1630.0	80317.39	0.01	0.01	-19.09	-75.30
MSW14	43	36.00	-98	28.80	1639.0	80319.19	0.01	0.02	-19.08	-75.59
MSW15	43	37.73	-98	28.87	1595.0	80321.01	0.01	0.00	-24.00	-79.02
P1	43	39.48	-98	28.88	1571.0	80327.76	0.01	-0.01	-22.15	-76.35
P2	43	40.35	-98	28.83	1549.0	80334.89	0.02	-0.02	-18.40	-71.84
P3	43	40.35	-98	26.58	1528.0	80337.99	0.03	-0.02	-17.27	-69.98
P4	43	38.62	-98	26.53	1574.0	80325.35	0.02	0.00	-22.98	-77.26
P5	43	37.77	-98	24.30	1575.0	80327.28	0.01	0.00	-19.68	-74.00
P6	43	39.50	-98	24.32	1536.0	80336.04	0.02	-0.01	-17.19	-70.17
P7	43	41.23	-98	25.50	1509.0	80349.42	0.01	-0.02	-8.95	-61.03
P8	43	42.12	-98	26.63	1504.0	80354.22	0.00	-0.03	-5.96	-57.89
P9	43	42.12	-98	24.28	1478.0	80357.10	0.02	-0.04	-5.53	-56.55
P10	43	43.85	-98	24.30	1439.0	80364.39	0.00	-0.05	-4.51	-54.22
P11	43	43.85	-98	26.70	1480.0	80364.07	0.00	-0.04	-0.98	-52.08
P12	43	44.75	-98	28.78	1496.0	80364.08	0.00	-0.04	-0.82	-52.48
P13	43	43.42	-98	28.78	1512.0	80358.64	0.00	-0.03	-2.75	-54.95
P14	43	42.08	-98	29.15	1536.0	80349.03	0.00	-0.02	-8.09	-61.10
C1	43	29.92	-98	23.43	1554.0	80312.58	0.00	-0.02	-24.53	-78.16
C2	43	29.92	-98	25.67	1561.0	80311.99	0.04	-0.01	-24.46	-78.28
C3	43	29.92	-98	28.12	1594.0	80309.22	0.01	-0.01	-24.12	-79.12
C4	43	28.27	-98	29.38	1570.0	80304.69	0.04	-0.02	-28.43	-82.57
C5	43	28.20	-98	27.75	1553.0	80305.69	0.07	-0.02	-28.92	-82.45
C6	43	28.23	-98	24.62	1561.0	80307.04	0.00	-0.02	-26.86	-80.74
C7	43	26.53	-98	23.40	1599.0	80299.26	0.00	0.00	-28.51	-83.67
C8	43	26.53	-98	25.80	1556.0	80300.86	0.01	-0.02	-30.95	-84.65
C9	43	25.53	-98	28.17	1591.0	80296.76	0.00	-0.02	-30.25	-85.16
C10	43	24.78	-98	28.10	1602.0	80289.08	0.00	-0.01	-35.77	-91.05
C11	43	24.85	-98	25.72	1531.0	80296.28	0.01	-0.03	-35.35	-88.19
C12	43	24.82	-98	23.35	1539.0	80297.90	0.02	-0.02	-32.93	-86.03
C13	43	23.10	-98	24.38	1567.0	80289.08	0.01	-0.02	-36.53	-90.60
C14	43	23.12	-98	26.77	1591.0	80284.53	0.00	-0.01	-38.86	-93.75
C15	43	23.05	-98	29.13	1640.0	80280.51	0.01	0.00	-38.16	-94.73
NH1	43	23.08	-98	31.17	1638.0	80281.51	0.01	0.00	-37.40	-93.89
NH2	43	23.95	-98	31.62	1611.0	80286.12	0.00	-0.02	-36.63	-92.23
NH3	43	23.03	-98	33.52	1635.0	80282.64	0.00	-0.01	-36.47	-92.89
NH4	43	23.05	-98	36.32	1633.0	80283.96	0.01	-0.01	-35.37	-91.71
NH5	43	23.93	-98	35.17	1627.0	80286.28	0.03	-0.01	-34.94	-91.05
NH6	43	25.67	-98	35.92	1588.0	80294.00	0.00	-0.03	-33.51	-88.32
NH7	43	27.40	-98	36.53	1583.0	80299.18	0.00	-0.03	-31.40	-86.05
NH8	43	29.12	-98	36.52	1558.0	80306.01	0.02	-0.03	-29.51	-83.28
NH9	43	27.38	-98	34.12	1591.0	80299.71	0.01	-0.03	-30.09	-85.00
NH10	43	24.77	-98	34.07	1590.0	80291.40	0.00	-0.03	-34.56	-89.45
NH11	43	25.65	-98	31.72	1600.0	80293.04	0.02	-0.02	-33.31	-88.51
NH12	43	27.38	-98	31.75	1577.0	80300.65	0.00	-0.03	-30.47	-84.90
NH13	43	29.12	-98	31.77	1577.0	80306.92	0.02	-0.02	-26.82	-81.22

NH14	43	29.13	-98	34.13	1562.0	80307.35	0.03	-0.03	-27.81	-81.70
AC1	43	30.80	-98	31.08	1588.0	80311.79	0.02	-0.01	-23.44	-78.22
AC2	43	32.53	-98	31.10	1669.0	80308.12	0.00	0.02	-22.10	-79.66
AC3	43	33.38	-98	32.13	1636.0	80312.32	0.02	0.01	-22.29	-78.70
AC4	43	34.27	-98	33.32	1625.0	80316.57	0.03	0.00	-20.41	-76.44
AC5	43	32.48	-98	34.47	1666.0	80311.03	0.00	0.02	-19.40	-76.85
AC6	43	30.82	-98	34.40	1601.0	80304.21	0.06	-0.01	-29.83	-85.02
AC7	43	30.75	-98	35.72	1635.0	80306.53	0.01	0.00	-24.21	-80.60
AC8	43	32.52	-98	37.05	1645.0	80312.00	0.00	0.00	-20.46	-77.21
AC9	43	34.25	-98	35.68	1614.0	80322.90	0.00	-0.01	-15.09	-70.78
AC10	43	35.95	-98	36.90	1630.0	80328.22	0.00	0.00	-10.82	-67.05
AC11	43	35.97	-98	34.45	1626.0	80323.75	0.02	0.00	-15.70	-71.77
AC12	43	36.85	-98	33.28	1614.0	80323.78	0.04	0.00	-18.12	-73.76
AC13	43	36.85	-98	31.05	1601.0	80319.85	0.06	0.00	-23.27	-78.45
L-1	43	45.65	-98	1.65	1284.0	80366.36	0.01	-0.09	-19.83	-64.22
L-2	43	47.38	-98	1.67	1249.0	80373.83	0.04	-0.10	-18.26	-61.42
L-3	43	49.13	-98	1.68	1301.0	80379.03	0.03	-0.08	-10.81	-55.75
L-4	43	51.07	-98	1.65	1304.0	80385.65	0.00	-0.08	-6.83	-51.91
L-5	43	51.95	-98	4.25	1306.0	80387.54	0.00	-0.09	-6.08	-51.24
L-6	43	49.97	-98	4.12	1305.0	80382.03	0.00	-0.09	-8.70	-53.82
L-7	43	48.22	-98	4.08	1279.0	80374.15	0.05	-0.09	-16.38	-60.56
L-8	43	46.48	-98	4.07	1296.0	80370.97	0.04	-0.09	-15.34	-60.12
L-9	43	45.60	-98	6.33	1324.0	80362.85	0.02	-0.08	-19.50	-65.25
L-10	43	47.33	-98	6.37	1309.0	80373.11	0.02	-0.09	-13.26	-58.50
L-11	43	49.08	-98	6.37	1281.0	80376.57	0.01	-0.10	-15.07	-59.37
L-12	43	51.07	-98	6.45	1309.0	80383.93	0.00	-0.09	-8.08	-53.34
LSW-1	43	51.07	-98	8.75	1303.0	80378.30	0.01	-0.09	-14.27	-59.32
LSW-2	43	49.15	-98	8.82	1304.0	80372.61	0.00	-0.09	-16.97	-62.06
LSW-3	43	47.38	-98	8.77	1324.0	80370.26	0.01	-0.08	-14.78	-60.54
LSW-4	43	45.62	-98	8.77	1322.0	80360.51	0.00	-0.08	-22.06	-67.76
LSW-5	43	46.37	-98	11.17	1290.0	80364.19	0.00	-0.09	-22.52	-67.13
LSW-6	43	48.27	-98	11.18	1327.0	80365.07	0.00	-0.08	-21.03	-66.90
LSW-7	43	50.05	-98	11.23	1309.0	80371.43	0.02	-0.09	-19.04	-64.28
LSW-8	43	51.97	-98	11.50	1280.0	80379.04	0.00	-0.10	-17.05	-61.32
LSW-9	43	51.08	-98	13.58	1304.0	80372.14	0.00	-0.09	-20.35	-65.44
LSW-10	43	49.15	-98	13.55	1328.0	80365.71	0.01	-0.08	-21.62	-67.52
LSW-11	43	47.40	-98	13.53	1334.0	80363.28	0.01	-0.08	-20.85	-66.95
LSW-12	43	45.67	-98	13.52	1338.0	80357.96	0.00	-0.08	-23.18	-69.44
MNW1	43	43.88	-98	13.53	1378.0	80350.37	0.00	-0.07	-24.31	-71.94
MNW2	43	42.13	-98	13.52	1402.0	80344.64	0.01	-0.06	-25.15	-73.58
MNW3	43	40.40	-98	13.52	1435.0	80343.75	0.01	-0.05	-20.33	-69.89
MNW4	43	38.63	-98	13.52	1392.0	80348.29	0.00	-0.06	-17.17	-65.26
MNW5	43	37.75	-98	11.18	1427.0	80342.14	0.02	-0.05	-18.70	-67.97
MNW6	43	39.52	-98	11.13	1407.0	80344.92	0.00	-0.05	-20.47	-69.07
MNW7	43	41.28	-98	11.13	1393.0	80344.28	0.00	-0.06	-25.08	-73.20
MNW8	43	43.00	-98	11.20	1379.0	80345.37	0.00	-0.06	-27.89	-75.54
MNW9	43	44.75	-98	11.18	1340.0	80353.54	0.00	-0.08	-26.03	-72.35
MNW10	43	43.90	-98	8.78	1333.0	80351.86	0.01	-0.08	-27.09	-73.16
MNW11	43	42.13	-98	8.77	1362.0	80347.58	0.01	-0.07	-25.97	-73.03
MNW12	43	40.40	-98	8.73	1392.0	80346.67	0.00	-0.06	-21.45	-69.55
MNW13	43	38.63	-98	8.75	1381.0	80348.14	0.00	-0.06	-18.35	-66.07
M1	43	38.63	-98	6.35	1345.0	80352.53	0.00	-0.07	-17.35	-63.83
M2	43	40.38	-98	5.73	1348.0	80355.39	0.00	-0.07	-16.84	-63.43
M3	43	42.12	-98	6.37	1376.0	80350.90	0.01	-0.06	-21.32	-68.85
M4	43	43.87	-98	6.38	1339.0	80354.50	0.00	-0.08	-23.84	-70.12
M5	43	44.75	-98	4.02	1292.0	80362.58	0.00	-0.09	-21.50	-66.18

M6	43	42.98	-98	4.00	1319.0	80357.40	0.00	-0.08	-21.48	-67.07
M7	43	41.25	-98	3.98	1333.0	80359.05	0.00	-0.08	-15.90	-61.98
M8	43	39.52	-98	3.97	1320.0	80357.28	0.02	-0.08	-16.29	-61.90
M9	43	40.37	-98	1.58	1320.0	80357.78	0.00	-0.08	-17.07	-62.70
M10	43	38.65	-98	1.57	1310.0	80364.75	0.01	-0.08	-8.45	-53.73
M11	43	37.77	-98	3.98	1332.0	80352.04	0.00	-0.08	-17.76	-63.81
M12	43	41.68	-98	1.60	1328.0	80360.03	0.04	-0.08	-16.04	-61.91
M13	43	43.88	-98	1.53	1292.0	80363.49	0.00	-0.09	-19.28	-63.96
LNE-1	43	53.68	-98	1.82	1303.0	80391.73	0.00	-0.09	-4.78	-49.83
LNE-2	43	52.80	-98	0.63	1301.0	80389.37	0.01	-0.08	-6.00	-50.96
LNE-3	43	54.55	-98	0.63	1299.0	80393.91	0.01	-0.08	-4.28	-49.18
LNE-4	43	57.12	-98	0.65	1270.0	80399.42	0.02	-0.09	-5.37	-49.27
LNE-5	43	59.73	-98	0.65	1289.0	80398.76	0.00	-0.09	-8.18	-52.75
LNE-6	43	59.73	-98	3.05	1296.0	80400.71	0.00	-0.09	-5.57	-50.39
LNE-7	43	58.43	-98	4.23	1227.0	80405.10	0.01	-0.10	-5.71	-48.15
LNE-8	43	56.28	-98	3.06	1293.0	80396.87	0.00	-0.09	-4.49	-49.21
LNE-9	43	54.55	-98	3.05	1300.0	80395.21	0.00	-0.09	-2.89	-47.84
LNE-10	43	52.80	-98	3.05	1303.0	80390.05	0.00	-0.09	-5.13	-50.19
LNE-11	43	52.82	-98	5.45	1307.0	80388.32	0.01	-0.09	-6.51	-51.70
LNE-12	43	54.55	-98	5.45	1310.0	80393.39	0.00	-0.09	-3.77	-49.07
LNE-13	43	56.28	-98	5.43	1290.0	80396.82	0.00	-0.09	-4.83	-49.43
LNE-14	43	58.03	-98	6.65	1283.0	80400.41	0.01	-0.09	-4.53	-48.89
LNE-15	43	59.83	-98	6.65	1285.0	80403.04	0.01	-0.09	-4.43	-48.85
LNW1	43	59.78	-98	7.83	1284.0	80403.60	0.00	-0.09	-3.89	-48.29
LNW2	43	58.05	-98	9.08	1293.0	80399.82	0.00	-0.09	-4.21	-48.92
LNW3	43	56.30	-98	9.07	1296.0	80395.93	0.00	-0.09	-5.18	-50.00
LNW4	43	54.62	-98	9.08	1303.0	80389.53	0.00	-0.09	-8.39	-53.45
LNW5	43	52.83	-98	9.12	1309.0	80383.46	0.02	-0.09	-11.20	-56.44
LNW6	43	53.30	-98	11.58	1310.0	80380.35	0.00	-0.09	-14.92	-60.22
LNW7	43	54.62	-98	11.53	1298.0	80386.46	0.00	-0.09	-11.93	-56.82
LNW8	43	56.30	-98	11.48	1300.0	80392.67	0.00	-0.09	-8.07	-53.02
LNW9	43	58.05	-98	11.50	1301.0	80398.04	0.00	-0.09	-5.24	-50.23
LNW10	43	58.05	-98	13.85	1310.0	80395.15	0.00	-0.09	-7.28	-52.58
LNW11	43	59.78	-98	13.85	1303.0	80401.28	0.00	-0.09	-4.42	-49.48
LNW12	43	56.30	-98	13.87	1305.0	80390.11	0.00	-0.09	-10.16	-55.28
LNW13	43	54.55	-98	13.87	1295.0	80383.18	0.00	-0.10	-15.39	-60.18
LNW14	43	52.80	-98	13.87	1300.0	80376.36	0.00	-0.09	-19.10	-64.05
TL1	43	53.68	-98	16.25	1307.0	80378.21	0.02	-0.09	-17.92	-63.09
TL2	43	55.43	-98	16.27	1305.0	80382.53	0.00	-0.09	-16.42	-61.55
TL3	43	57.17	-98	16.27	1304.0	80390.39	0.00	-0.09	-11.28	-56.37
TL4	43	58.90	-98	16.25	1294.0	80396.62	0.08	-0.09	-8.60	-53.27
TL5	43	59.77	-98	18.65	1307.0	80396.55	0.11	-0.09	-8.76	-53.84
TL6	43	58.07	-98	18.67	1313.0	80391.03	0.01	-0.09	-11.15	-56.54
TL7	43	56.28	-98	18.68	1345.0	80381.93	0.00	-0.08	-14.54	-61.04
TL8	43	54.55	-98	18.67	1329.0	80376.22	0.02	-0.08	-19.15	-65.07
TL9	43	52.80	-98	18.67	1346.0	80365.55	0.00	-0.08	-25.59	-72.11
TL10	43	52.78	-98	21.08	1356.0	80360.61	0.00	-0.08	-29.56	-76.43
TL11	43	54.53	-98	21.07	1346.0	80370.67	0.00	-0.08	-23.07	-69.60
TL12	43	56.35	-98	21.08	1335.0	80381.16	0.00	-0.08	-16.36	-62.51
TL13	43	58.00	-98	21.08	1329.0	80387.65	0.00	-0.08	-12.92	-58.86
TL14	43	59.75	-98	21.08	1322.0	80393.46	0.01	-0.08	-10.41	-56.10
FD1	43	58.85	-98	23.48	1339.0	80388.64	0.00	-0.07	-12.27	-58.55
FD2	43	57.12	-98	23.48	1353.0	80381.98	0.00	-0.07	-15.01	-61.77
FD3	43	55.37	-98	23.48	1380.0	80371.16	0.00	-0.06	-20.65	-68.33
FD4	43	54.48	-98	25.88	1384.0	80367.40	0.01	-0.06	-22.69	-70.50
FD5	43	52.73	-98	25.88	1391.0	80358.04	0.01	-0.06	-28.76	-76.81

FD6	43	53.63	-98	23.13	1348.0	80361.07	0.07	-0.07	-31.13	-77.65
FD7	43	56.22	-98	25.88	1376.0	80375.89	0.01	-0.06	-17.58	-65.11
FD8	43	57.97	-98	25.90	1380.0	80381.60	0.01	-0.06	-14.13	-61.80
FD9	43	59.72	-98	25.92	1360.0	80390.07	0.06	-0.06	-10.18	-57.11
FD10	43	58.82	-98	28.28	1374.0	80383.39	0.02	-0.04	-14.19	-61.62
FD11	43	57.08	-98	28.27	1390.0	80375.29	0.01	-0.05	-18.16	-66.16
FD12	43	54.47	-98	28.27	1421.0	80365.23	0.01	-0.05	-21.37	-70.44
FD13	43	52.73	-98	28.27	1435.0	80355.87	0.00	-0.05	-26.79	-76.36
SSW1	43	51.90	-98	23.47	1380.0	80356.87	0.01	-0.07	-29.71	-77.39
SSW2	43	51.00	-98	25.87	1394.0	80358.24	0.00	-0.06	-25.67	-73.83
SSW3	43	50.98	-98	27.83	1425.0	80356.08	0.03	-0.05	-24.88	-74.07
SSW4	43	49.10	-98	27.82	1436.0	80359.14	0.00	-0.05	-17.96	-67.56
SSW5	43	47.35	-98	27.78	1462.0	80364.10	0.00	-0.04	-7.91	-58.40
SSW6	43	45.58	-98	27.93	1476.0	80366.73	0.00	-0.04	-1.30	-52.27
SSW7	43	45.62	-98	25.48	1444.0	80367.05	0.01	-0.05	-4.05	-53.92
SSW8	43	47.37	-98	25.50	1420.0	80364.96	0.00	-0.05	-11.03	-60.08
SSW9	43	49.10	-98	25.50	1409.0	80362.78	0.00	-0.06	-16.86	-65.53
SSW10	43	49.13	-98	23.12	1378.0	80360.47	0.00	-0.07	-22.13	-69.75
SSW11	43	47.38	-98	23.10	1409.0	80361.57	0.00	-0.06	-15.47	-64.15
SSW12	43	45.65	-98	23.08	1411.0	80364.71	0.00	-0.06	-9.54	-58.29
SS1	43	45.67	-98	20.70	1423.0	80360.71	0.02	-0.05	-12.44	-61.57
SS2	43	47.40	-98	20.70	1373.0	80362.19	0.03	-0.07	-18.27	-65.69
SS3	43	49.15	-98	20.70	1337.0	80360.65	0.00	-0.08	-25.83	-72.05
SS4	43	51.07	-98	20.72	1362.0	80358.92	0.01	-0.08	-28.10	-75.17
SS5	43	51.95	-98	18.67	1358.0	80361.35	0.00	-0.08	-27.38	-74.32
SS6	43	50.02	-98	18.37	1354.0	80359.47	0.00	-0.08	-26.72	-73.53
SS7	43	48.27	-98	18.37	1342.0	80359.15	0.00	-0.08	-25.53	-71.93
SS8	43	49.13	-98	15.97	1340.0	80362.11	0.00	-0.08	-24.06	-70.38
SS9	43	51.08	-98	16.27	1334.0	80364.39	0.01	-0.08	-25.28	-71.39
SS10	43	47.40	-98	15.93	1351.0	80359.82	0.00	-0.08	-22.71	-69.41
SS11	43	46.55	-98	18.28	1327.0	80361.82	0.00	-0.08	-21.68	-67.56
SS12	43	45.67	-98	15.90	1373.0	80354.14	0.00	-0.07	-23.71	-71.16
MSE1	43	36.05	-98	0.35	1321.0	80346.29	0.00	-0.08	-21.96	-67.62
MSE2	43	34.30	-98	0.32	1334.0	80335.94	0.01	-0.08	-28.45	-74.55
MSE3	43	33.43	-98	0.30	1343.0	80329.12	0.01	-0.08	-33.11	-79.53
MSE4	43	31.68	-98	0.27	1367.0	80319.75	0.00	-0.07	-37.59	-84.83
MSE5	43	30.78	-98	2.63	1388.0	80316.33	0.00	-0.06	-37.68	-85.63
MSE6	43	32.57	-98	2.68	1360.0	80325.44	0.01	-0.07	-33.90	-80.89
MSE7	43	34.30	-98	2.73	1343.0	80336.60	0.00	-0.08	-26.94	-73.37
MSE8	43	36.05	-98	2.75	1336.0	80345.67	0.01	-0.08	-21.17	-67.34
MSE9	43	36.90	-98	5.15	1354.0	80348.64	0.00	-0.07	-17.79	-64.58
MSE10	43	35.12	-98	5.13	1375.0	80341.17	0.00	-0.07	-20.60	-68.12
MSE11	43	33.42	-98	5.08	1390.0	80329.17	0.00	-0.06	-28.63	-76.65
MSE12	43	31.67	-98	5.02	1413.0	80319.39	0.01	-0.05	-33.61	-82.41
MSE13	43	30.78	-98	7.40	1450.0	80316.26	0.01	-0.04	-31.92	-81.98
MSE14	43	32.53	-98	7.43	1415.0	80325.46	0.00	-0.05	-28.65	-77.52
MSE15	43	34.28	-98	7.50	1421.0	80334.28	0.02	-0.05	-21.90	-70.96
MSW1	43	36.02	-98	7.53	1417.0	80341.21	0.01	-0.05	-17.97	-66.90
MSW2	43	36.02	-98	9.97	1436.0	80338.90	0.00	-0.04	-18.49	-68.08
MSW3	43	34.27	-98	9.92	1447.0	80332.74	0.00	-0.04	-20.98	-70.95
MSW4	43	33.38	-98	8.68	1443.0	80329.47	0.00	-0.04	-23.28	-73.11
MSW5	43	32.53	-98	9.85	1459.0	80325.32	0.00	-0.03	-24.65	-75.02
MSW6	43	30.78	-98	9.77	1484.0	80316.65	0.02	-0.02	-28.33	-79.54
MSW7	43	30.75	-98	12.15	1554.0	80313.64	0.00	0.01	-24.72	-78.32
MSW8	43	32.52	-98	12.22	1505.0	80324.07	0.01	-0.01	-21.56	-73.49
MSW9	43	34.25	-98	12.32	1475.0	80331.61	0.00	-0.03	-19.45	-70.37

MSW10	43	36.90	-98	12.32	1386.0	80344.51	0.01	-0.05	-18.91	-66.77
MSW11	43	36.90	-98	14.72	1474.0	80339.58	0.00	-0.03	-15.56	-66.45
MSW12	43	35.15	-98	14.72	1488.0	80334.48	0.00	-0.02	-16.71	-68.07
MSW13	43	33.37	-98	14.65	1555.0	80323.87	0.00	0.01	-18.34	-71.98
MSW14	43	32.63	-98	14.57	1605.0	80314.89	0.11	0.04	-21.50	-76.72
CL1	43	29.92	-98	16.18	1652.0	80305.32	0.00	0.05	-22.57	-79.51
CL2	43	29.92	-98	18.73	1580.0	80310.97	0.02	0.01	-23.69	-78.17
CL3	43	29.92	-98	21.08	1614.0	80308.50	0.01	0.02	-22.96	-78.62
CL4	43	28.23	-98	22.25	1538.0	80308.94	0.00	-0.02	-27.12	-80.21
CL5	43	26.52	-98	22.27	1605.0	80294.22	0.00	0.00	-32.97	-88.34
CL6	43	24.80	-98	22.20	1562.0	80297.29	0.03	-0.02	-31.35	-85.23
CL7	43	23.07	-98	22.05	1581.0	80290.23	0.01	-0.01	-34.02	-88.57
CL8	43	23.03	-98	19.83	1556.0	80294.08	0.02	-0.02	-32.46	-86.14
CL9	43	24.78	-98	19.88	1561.0	80298.24	0.07	-0.01	-30.47	-84.26
CL10	43	26.52	-98	19.90	1621.0	80298.69	0.00	0.02	-26.99	-82.90
CL11	43	28.25	-98	19.88	1594.0	80305.39	0.00	0.00	-25.44	-80.43
CL12	43	28.25	-98	17.50	1603.0	80304.28	0.00	0.01	-25.70	-81.00
CL13	43	26.53	-98	16.78	1575.0	80300.44	0.02	0.00	-29.58	-83.90
CL14	43	24.80	-98	17.50	1514.0	80301.92	0.01	-0.02	-31.24	-83.48
CL15	43	23.05	-98	17.42	1471.0	80299.92	0.00	-0.04	-34.64	-85.44
CL16	43	23.93	-98	15.12	1505.0	80298.71	0.07	-0.02	-33.98	-85.86
CL17	43	25.67	-98	15.05	1562.0	80299.39	0.04	0.01	-30.56	-84.40
CL18	43	27.38	-98	15.08	1614.0	80299.40	0.03	0.02	-28.24	-83.87
CL19	43	29.12	-98	15.12	1681.0	80300.61	0.02	0.07	-23.35	-81.25
HS1	43	29.88	-98	14.48	1652.0	80305.16	0.00	0.05	-22.67	-79.61
HS2	43	29.87	-98	12.77	1590.0	80307.82	0.00	0.02	-25.82	-80.66
HS3	43	29.88	-98	10.40	1511.0	80311.46	0.03	-0.01	-29.63	-81.74
HS4	43	29.90	-98	8.03	1468.0	80312.32	0.01	-0.03	-32.84	-83.51
HS5	43	28.22	-98	7.95	1490.0	80304.51	0.01	-0.02	-36.05	-87.47
HS6	43	28.22	-98	10.33	1554.0	80302.60	0.01	0.01	-31.94	-85.54
HS7	43	28.22	-98	12.73	1636.0	80298.80	0.00	0.04	-28.03	-84.43
HS8	43	26.52	-98	12.68	1617.0	80295.64	0.01	0.03	-30.42	-86.17
HS9	43	26.52	-98	10.30	1577.0	80298.72	0.01	0.01	-31.10	-85.49
HS10	43	26.50	-98	7.90	1515.0	80297.71	0.00	-0.01	-37.91	-90.19
HS11	43	24.77	-98	7.88	1527.0	80293.18	0.00	-0.01	-38.71	-91.40
HS12	43	24.77	-98	10.25	1577.0	80291.96	0.01	0.01	-35.23	-89.61
HS13	43	24.78	-98	12.62	1603.0	80291.99	0.00	0.02	-32.77	-88.05
HS14	43	23.03	-98	12.53	1557.0	80291.07	0.01	0.00	-35.38	-89.09
HS15	43	23.03	-98	10.20	1589.0	80287.24	0.00	0.01	-36.20	-91.01
HS16	43	23.03	-98	7.85	1530.0	80289.78	0.01	-0.01	-39.21	-91.99
DNE1	43	23.03	-98	5.55	1492.0	80292.32	0.00	-0.03	-40.24	-91.75
DNE2	43	24.78	-98	5.60	1479.0	80296.14	0.00	-0.03	-40.28	-91.34
DNE3	43	26.50	-98	5.75	1469.0	80300.10	0.00	-0.03	-39.85	-90.56
DNE4	43	28.23	-98	5.78	1455.0	80305.44	0.00	-0.03	-38.43	-88.66
DNE5	43	29.90	-98	5.72	1438.0	80311.80	0.01	-0.04	-36.18	-85.83
DNE6	43	29.92	-98	3.35	1406.0	80312.85	0.00	-0.05	-38.17	-86.74
DNE7	43	28.23	-98	3.40	1416.0	80307.96	0.01	-0.05	-39.58	-88.48
DNE8	43	26.50	-98	3.40	1432.0	80303.05	0.01	-0.04	-40.38	-89.82
DNE9	43	24.78	-98	3.27	1450.0	80298.67	0.00	-0.04	-40.47	-90.54
DNE10	43	23.03	-98	3.22	1457.0	80295.28	0.00	-0.04	-40.57	-90.88
DNE11	43	23.07	-98	0.88	1427.0	80298.82	0.01	-0.05	-39.91	-89.19
DNE12	43	24.80	-98	0.93	1415.0	80302.10	0.00	-0.05	-40.36	-89.24
DNE13	43	26.53	-98	1.00	1402.0	80305.85	0.00	-0.05	-40.44	-88.87
DNE141	43	28.25	-98	1.02	1393.0	80309.49	0.01	-0.06	-40.24	-88.36
DNE15	43	29.92	-98	0.97	1378.0	80314.16	0.00	-0.06	-39.49	-87.11
SSC1	43	0.60	-98	45.85	1843.0	80238.73	0.01	0.05	-27.06	-90.57

SSC2	43	0.60	-98	48.22	1866.0	80236.83	0.01	0.06	-26.80	-91.09
SSC3	43	0.60	-98	50.62	1876.0	80237.66	0.02	0.05	-25.03	-89.67
SSC4	43	1.47	-98	51.80	1934.0	80233.44	0.01	0.09	-25.11	-91.71
SSC5	43	4.22	-98	51.80	1950.0	80233.99	0.67	0.21	-27.19	-93.56
SSC6	43	4.53	-98	50.20	1620.0	80257.29	0.15	0.10	-35.39	-91.02
SSC7	43	1.47	-98	49.42	1931.0	80234.03	0.03	0.11	-24.80	-91.26
SSC8	43	1.47	-98	46.75	1883.0	80234.33	0.00	0.09	-29.01	-93.87
SSC9	43	2.33	-98	45.85	1867.0	80238.80	0.01	0.13	-27.34	-91.60
SSC10	43	2.33	-98	47.73	1900.0	80235.66	0.00	0.14	-27.38	-92.77
SSC11	43	3.47	-98	47.63	1852.0	80239.85	0.13	0.22	-29.42	-92.94
SSC12	43	4.40	-98	46.15	1442.0	80267.07	0.03	0.16	-42.15	-91.71
SSC13	43	5.78	-98	46.55	1380.0	80272.22	0.09	0.15	-44.90	-92.28
SSC14	43	6.43	-98	49.10	1860.0	80240.33	0.10	0.27	-32.64	-96.42
SSC15	43	6.13	-98	51.80	1916.0	80237.21	0.15	0.33	-30.04	-95.64
B1	43	4.12	-98	54.17	1895.0	80234.07	0.00	0.08	-32.13	-97.41
B2	43	2.33	-98	54.17	1965.0	80226.28	0.00	0.10	-30.65	-98.31
B3	43	0.60	-98	54.17	1921.0	80226.86	0.03	0.06	-31.60	-97.76
B4	43	0.60	-98	56.85	1880.0	80226.86	0.02	0.03	-35.45	-100.25
B5	43	2.33	-98	56.53	1922.0	80225.66	0.00	0.05	-35.31	-101.55
B6	43	4.08	-98	56.53	1930.0	80228.99	0.01	0.07	-33.86	-100.34
B7	43	6.25	-98	56.53	1987.0	80230.91	0.02	0.17	-29.85	-98.18
B8	43	5.82	-98	58.90	2032.0	80224.36	0.02	0.17	-31.52	-101.40
B9	43	4.08	-98	58.90	1953.0	80225.57	0.00	0.07	-35.12	-102.40
B10	43	2.33	-98	58.90	1895.0	80225.91	0.00	0.04	-37.60	-102.92
B11	43	0.60	-98	58.90	1946.0	80220.64	0.00	0.06	-35.47	-102.52
SC1	43	2.33	-99	1.27	1949.0	80221.35	0.01	0.05	-37.08	-104.24
SC2	43	1.48	-99	3.62	1918.0	80221.94	0.02	0.04	-38.13	-104.22
SC3	43	2.33	-99	4.78	1954.0	80220.35	0.01	0.06	-37.61	-104.93
SC4	43	0.60	-99	5.97	1931.0	80220.89	0.01	0.04	-36.63	-103.18
SC5	43	3.20	-99	5.97	1971.0	80220.22	0.03	0.06	-37.45	-105.34
SC6	43	4.95	-99	5.97	2077.0	80216.01	0.00	0.12	-34.33	-105.83
SC7	43	4.95	-99	3.60	2058.0	80217.07	0.00	0.12	-35.05	-105.90
SC8	43	3.22	-99	3.60	1970.0	80220.58	0.04	0.07	-37.21	-105.05
SC9	43	4.77	-99	1.27	2046.0	80218.22	0.00	0.14	-34.76	-105.18
SC10	43	6.68	-99	5.97	2113.0	80216.61	0.01	0.16	-32.95	-105.64
H1	43	6.68	-99	8.33	2148.0	80216.26	0.00	0.16	-30.01	-103.91
H2	43	7.35	-99	10.67	2155.0	80215.35	0.01	0.15	-31.27	-105.41
H3	43	5.80	-99	13.03	2130.0	80212.37	0.04	0.13	-34.26	-107.54
H4	43	4.93	-99	11.87	2096.0	80214.42	0.18	0.11	-34.10	-106.09
H5	43	4.07	-99	14.23	2002.0	80220.55	0.03	0.05	-35.52	-104.48
H6	43	2.33	-99	14.23	2110.0	80212.71	0.01	0.10	-30.58	-103.23
H7	43	3.20	-99	12.45	1975.0	80222.51	0.01	0.05	-34.78	-102.84
H8	43	1.47	-99	11.87	2151.0	80209.33	0.02	0.15	-28.81	-102.81
H9	43	0.66	-99	13.03	2094.0	80213.96	0.05	0.09	-28.32	-100.39
H10	43	0.60	-99	10.10	2080.0	80213.68	0.04	0.09	-29.83	-101.43
H11	43	1.47	-99	8.20	1972.0	80219.28	0.01	0.05	-35.69	-103.64
H12	43	2.92	-99	8.32	1960.0	80221.05	0.01	0.05	-37.23	-104.77
H13	43	4.08	-99	8.05	2006.0	80219.07	0.00	0.07	-36.63	-105.74
H14	43	4.93	-99	9.52	2142.0	80212.33	0.01	0.16	-31.87	-105.56
H15	43	4.08	-99	10.67	1961.0	80222.97	0.06	0.07	-36.97	-104.47
H16	43	5.80	-99	10.67	2159.0	80211.43	0.00	0.15	-32.48	-106.77
KM1	43	51.80	-98	59.17	1616.0	80361.80	0.00	-0.02	-2.44	-58.21
KM2	43	53.93	-98	59.20	1594.0	80364.32	0.04	-0.02	-5.20	-60.17
KM3	43	55.23	-98	59.22	1699.0	80356.82	0.00	0.03	-4.79	-63.37
KM4	43	56.97	-98	59.23	1668.0	80359.32	0.00	0.01	-7.82	-65.36
KM5	43	58.70	-98	59.23	1645.0	80362.50	0.02	0.00	-9.41	-66.14

KM6	43	57.00	-98	56.83	1724.0	80355.89	0.02	0.04	-6.03	-65.44
KM7	43	57.00	-98	54.43	1665.0	80357.96	0.03	0.01	-9.51	-66.91
KM8	43	57.83	-98	53.23	1712.0	80355.40	0.01	0.04	-8.90	-67.91
KM9	43	59.57	-98	54.47	1691.0	80361.64	0.00	0.02	-7.26	-65.57
KM10	43	59.57	-98	52.02	1743.0	80353.61	0.02	0.05	-10.40	-70.46
KM11	43	59.57	-98	49.63	1741.0	80354.57	0.00	0.06	-9.63	-69.62
KM12	43	59.57	-98	47.30	1767.0	80352.67	0.01	0.08	-9.08	-69.95
KM13	43	57.83	-98	46.07	1723.0	80355.99	0.01	0.06	-7.28	-66.64
KM14	43	57.83	-98	48.47	1706.0	80356.42	0.00	0.05	-8.45	-67.25
KM15	43	57.82	-98	50.82	1748.0	80352.46	0.06	0.06	-8.44	-68.62
KM16	43	56.08	-98	50.85	1690.0	80353.65	0.01	0.04	-10.08	-68.33
KM17	43	54.40	-98	50.83	1746.0	80345.47	0.00	0.06	-10.47	-70.63
KM18	43	55.20	-98	53.27	1591.0	80360.08	0.00	0.00	-11.64	-66.53
KM19	43	54.40	-98	56.83	1571.0	80365.28	0.01	-0.01	-7.11	-61.31
KM20	43	52.63	-98	56.80	1644.0	80358.25	0.00	0.00	-4.61	-61.32
KM21	43	53.50	-98	55.60	1582.0	80366.08	0.00	-0.02	-3.92	-58.52
KM22	43	53.50	-98	53.23	1663.0	80354.33	0.00	0.02	-8.05	-65.40
KM23	43	51.77	-98	53.28	1675.0	80351.53	0.01	0.02	-7.12	-64.87
KM24	43	52.67	-98	50.83	1719.0	80344.57	0.01	0.05	-11.30	-70.54
KM25	43	52.63	-98	48.47	1807.0	80339.39	0.00	0.10	-8.14	-70.37
KM26	43	55.23	-98	47.27	1875.0	80344.47	0.02	0.16	-0.59	-65.08
KM27	43	53.57	-98	46.07	1960.0	80335.58	0.01	0.26	1.02	-66.31
KM28	43	50.90	-98	47.23	1776.0	80337.26	0.01	0.09	-10.58	-71.74
KM29	43	49.07	-98	47.78	1707.0	80340.37	0.00	0.04	-11.20	-70.05
KM30	43	47.33	-98	47.77	1668.0	80340.96	0.00	0.02	-11.65	-69.18
KM31	43	45.60	-98	46.43	1606.0	80341.75	0.00	-0.01	-14.09	-69.50
KM32	43	45.58	-98	48.92	1664.0	80342.58	0.00	0.01	-7.77	-65.17
KM33	43	45.57	-98	51.30	1714.0	80334.85	0.00	0.03	-10.79	-69.88
KM34	43	47.33	-98	51.33	1746.0	80340.74	0.00	0.05	-4.54	-64.72
KM35	43	49.07	-98	51.35	1781.0	80346.78	0.00	0.07	2.17	-59.20
KM36	43	50.90	-98	50.83	1818.0	80342.46	0.01	0.11	-1.43	-64.02
KM37	43	50.88	-98	54.77	1704.0	80352.24	0.00	0.02	-2.34	-61.10
KM38	43	49.03	-98	53.85	1759.0	80344.89	0.01	0.05	-1.73	-62.35
KM39	43	47.30	-98	53.77	1799.0	80335.35	0.00	0.07	-4.90	-66.89
KM40	43	45.55	-98	53.73	1740.0	80332.49	0.01	0.04	-10.67	-70.64
KM41	43	45.53	-98	56.00	1799.0	80326.54	0.01	0.07	-11.05	-73.02
KM42	43	47.30	-98	57.20	1758.0	80335.26	0.00	0.04	-8.85	-69.45
KM43	43	49.03	-98	57.17	1670.0	80350.39	0.00	0.01	-4.60	-62.20
KM44	43	50.90	-98	57.20	1672.0	80356.10	0.00	0.01	-1.52	-59.19
KM45	43	49.90	-98	59.58	1699.0	80349.47	0.03	0.02	-4.10	-62.66
KM46	43	48.17	-98	59.57	1747.0	80333.55	0.07	0.05	-12.90	-73.05
KM47	43	45.53	-98	58.40	1757.0	80325.99	0.00	0.04	-15.54	-76.11
MC1	43	43.00	-98	56.00	1709.0	80323.60	0.00	0.01	-18.64	-77.58
MC2	43	43.80	-98	53.70	1695.0	80328.51	0.00	0.01	-16.25	-74.71
MC3	43	42.10	-98	53.70	1666.0	80323.97	0.00	-0.01	-20.95	-78.44
MC4	43	40.40	-98	53.60	1655.0	80320.10	0.00	-0.01	-23.30	-80.40
MC5	43	38.60	-98	53.60	1640.0	80316.39	0.00	-0.02	-25.70	-82.30
MC6	43	36.90	-98	54.80	1660.0	80312.72	0.00	-0.02	-24.93	-82.22
MC7	43	37.75	-98	57.20	1689.0	80313.94	0.00	-0.01	-22.27	-80.54
MC8	43	39.50	-98	57.22	1707.0	80314.99	0.00	0.00	-22.16	-81.04
MC9	43	40.40	-98	56.00	1676.0	80316.32	0.00	-0.01	-25.10	-82.93
MC10	43	43.00	-98	58.40	1709.0	80321.60	0.02	0.01	-20.64	-79.56
MC11	43	41.25	-98	58.40	1699.0	80318.28	0.01	0.00	-22.26	-80.86
MC12	43	36.90	-98	59.50	1656.0	80315.97	0.03	-0.02	-22.06	-79.18
MC13	43	34.30	-98	59.55	1653.0	80304.32	0.02	-0.03	-30.07	-87.11
MC14	43	32.55	-98	59.50	1672.0	80293.61	0.01	-0.02	-36.36	-94.05

MC15	43	31.70	-98	58.35	1637.0	80293.07	0.01	-0.04	-38.91	-95.42
MC16	43	32.55	-98	55.95	1664.0	80295.85	0.00	-0.02	-34.87	-92.30
MC17	43	34.30	-98	57.20	1689.0	80304.93	0.04	-0.01	-26.08	-84.31
MC18	43	36.00	-98	57.20	1655.0	80313.39	0.00	-0.02	-23.38	-80.49
MC19	43	35.20	-98	53.58	1639.0	80307.65	0.00	-0.03	-29.42	-85.99
MC20	43	33.45	-98	53.55	1640.0	80302.01	0.00	-0.03	-32.33	-88.93
MC21	43	30.30	-98	53.55	1650.0	80288.67	0.00	-0.03	-39.98	-96.93
MC22	43	30.80	-98	51.28	1628.0	80289.12	0.01	-0.03	-42.35	-98.54
MC23	43	30.80	-98	48.85	1617.0	80290.33	0.00	-0.03	-42.18	-97.99
MC24	43	31.70	-98	51.20	1620.0	80292.80	0.00	-0.03	-40.78	-96.70
MC25	43	33.45	-98	48.85	1617.0	80299.51	0.00	-0.03	-36.99	-92.80
MC26	43	34.47	-98	45.20	1571.0	80311.73	0.02	-0.04	-30.63	-84.85
MC27	43	36.00	-98	46.30	1627.0	80318.14	0.02	-0.01	-21.26	-77.38
MC28	43	35.15	-98	51.20	1633.0	80305.42	0.00	-0.03	-32.13	-88.50
MC29	43	36.90	-98	48.80	1601.0	80319.08	0.00	-0.03	-24.12	-79.38
PL1	43	38.62	-98	48.83	1600.0	80329.35	0.03	-0.03	-16.53	-71.73
PL2	43	38.62	-98	51.23	1629.0	80320.64	0.00	-0.02	-22.52	-78.74
PL3	43	40.38	-98	51.23	1605.0	80328.46	0.04	-0.03	-19.61	-74.97
PL4	43	40.38	-98	48.83	1567.0	80336.71	0.00	-0.04	-14.93	-69.03
PL5	43	38.58	-98	46.37	1567.0	80336.58	0.02	-0.03	-12.35	-66.42
PL6	43	40.37	-98	45.25	1582.0	80347.69	0.02	-0.03	-2.52	-57.11
PL7	43	42.10	-98	45.27	1613.0	80348.21	0.00	-0.01	-1.70	-57.35
PL8	43	43.85	-98	45.83	1598.0	80344.46	0.02	-0.02	-9.49	-64.62
PL9	43	43.85	-98	48.87	1642.0	80338.39	0.00	-0.01	-11.43	-68.08
PL10	43	42.12	-98	48.87	1623.0	80337.89	0.01	-0.01	-11.11	-67.10
PL11	43	42.10	-98	51.25	1511.0	80329.36	0.82	0.03	-30.14	-81.42
PL12	43	43.83	-98	51.27	1677.0	80330.03	0.02	0.01	-16.46	-74.29
P1	43	45.57	-99	0.73	1685.0	80325.71	0.01	0.00	-22.65	-80.77
P2	43	47.28	-99	0.77	1677.0	80330.72	0.01	0.00	-20.97	-78.82
P3	43	49.03	-99	0.77	1633.0	80342.74	0.01	-0.01	-15.73	-72.06
P4	43	50.83	-99	0.40	1630.0	80358.14	0.00	-0.02	-3.32	-59.58
P5	43	52.60	-99	0.40	1573.0	80358.71	0.01	-0.03	-10.78	-65.07
P6	43	54.37	-99	2.83	1530.0	80366.64	0.01	-0.03	-9.56	-62.37
P7	43	55.20	-99	0.40	1694.0	80358.96	0.00	0.03	-3.07	-61.48
P8	43	56.90	-99	0.40	1670.0	80359.64	0.01	0.01	-7.21	-64.80
P9	43	57.80	-99	2.83	1591.0	80366.49	0.00	-0.02	-9.14	-64.05
P10	43	56.03	-99	2.83	1661.0	80360.49	0.01	0.01	-5.90	-63.18
P11	43	52.60	-99	2.83	1577.0	80358.67	0.01	-0.03	-10.44	-64.87
P12	43	50.83	-99	2.75	1698.0	80343.17	0.00	0.02	-11.90	-70.45
P13	43	49.03	-99	3.20	1581.0	80342.17	0.01	-0.03	-21.19	-75.75
P14	43	47.28	-99	3.20	1620.0	80332.57	0.00	-0.03	-24.48	-80.40
P15	43	45.57	-99	3.13	1565.0	80325.57	0.39	0.00	-34.08	-87.68
P16	43	46.43	-99	5.57	1668.0	80324.53	0.00	-0.01	-26.73	-84.28
P17	43	48.13	-99	5.57	1636.0	80331.49	0.01	-0.02	-25.34	-81.79
P18	43	49.83	-99	5.57	1684.0	80335.43	0.03	0.01	-19.45	-77.50
P19	43	50.83	-99	8.00	1719.0	80342.26	0.02	0.02	-10.83	-70.09
P20	43	53.60	-99	7.63	1704.0	80355.75	0.11	0.04	-2.93	-61.56
P21	43	53.47	-99	5.25	1598.0	80358.21	0.02	-0.01	-10.24	-65.36
P22	43	55.20	-99	5.22	1506.0	80370.12	0.00	-0.05	-9.59	-61.60
P23	43	56.90	-99	5.20	1602.0	80366.32	0.00	-0.03	-6.92	-62.22
P24	43	58.68	-99	5.20	1611.0	80366.68	0.02	-0.02	-8.40	-63.98
P25	43	57.80	-99	7.62	1580.0	80370.73	0.05	-0.03	-5.94	-60.43
P26	43	56.00	-99	7.62	1481.0	80374.87	0.00	-0.05	-8.39	-59.54
P27	43	58.67	-99	11.20	1559.0	80374.19	0.01	-0.04	-5.77	-59.58
P28	43	56.90	-99	11.20	1473.0	80375.40	0.01	-0.06	-9.97	-60.85
P29	43	57.77	-99	13.73	1426.0	80376.60	0.00	-0.05	-14.50	-63.76

P30	43	53.47	-99	11.20	1669.0	80350.21	0.01	0.01	-11.56	-69.12
P31	43	51.70	-99	11.20	1793.0	80336.78	0.00	0.07	-10.67	-72.44
P32	43	52.60	-99	14.20	1735.0	80333.79	0.05	0.04	-20.47	-80.23
P33	43	54.36	-99	14.80	1767.0	80336.15	0.06	0.10	-17.75	-78.54
P34	43	50.83	-99	13.57	1763.0	80330.36	0.01	0.05	-18.60	-79.35
P35	43	49.83	-99	11.00	1718.0	80332.33	0.00	0.02	-19.35	-78.60
P36	43	48.13	-99	10.97	1581.0	80339.37	0.01	-0.04	-22.63	-77.21
P37	43	49.00	-99	13.97	1726.0	80328.47	0.03	0.06	-21.21	-80.66
P38	43	47.28	-99	13.97	1588.0	80337.68	0.05	-0.04	-22.38	-77.16
P39	43	45.57	-99	13.97	1655.0	80334.01	0.00	-0.03	-17.18	-74.30
P40	43	46.43	-99	10.97	1573.0	80337.49	0.01	-0.05	-22.70	-77.01
RLE-1	43	44.68	-99	10.93	1592.0	80333.94	0.00	-0.05	-21.83	-76.80
RLE-2	43	44.70	-99	13.92	1613.0	80336.00	0.04	-0.04	-17.82	-73.47
RLE-3	43	44.68	-99	9.12	1633.0	80329.89	0.01	-0.03	-22.02	-78.38
RLE-4	43	43.30	-99	10.30	1615.0	80328.57	0.00	-0.04	-22.96	-78.71
RLE-5	43	42.09	-99	10.27	1610.0	80323.50	0.01	-0.05	-26.67	-82.26
RLE-6	43	42.10	-99	12.70	1610.0	80325.14	0.03	-0.05	-25.05	-80.61
RLE-7	43	40.37	-99	13.88	1682.0	80314.43	0.03	-0.02	-26.38	-84.40
RLE-8	43	40.35	-99	11.48	1686.0	80312.29	0.01	-0.02	-28.12	-86.29
RLE-9	43	39.55	-99	10.28	1676.0	80311.87	0.01	-0.02	-28.27	-86.10
RLE-10	43	38.63	-99	12.67	1748.0	80304.03	0.00	0.01	-27.95	-88.24
RLE-11	43	37.77	-99	13.88	1761.0	80296.54	0.00	0.01	-32.93	-93.66
RLE-12	43	37.77	-99	11.47	1731.0	80302.28	0.00	0.00	-30.01	-89.72
RLE-13	43	37.75	-99	9.09	1667.0	80309.71	0.00	-0.03	-28.56	-86.10
RLE-14	43	40.33	-99	7.92	1657.0	80316.89	0.00	-0.03	-26.21	-83.40
RLE-15	43	42.09	-99	7.97	1697.0	80317.44	0.01	-0.01	-24.55	-83.09
BHNE1	43	41.22	-99	6.72	1691.0	80317.21	0.01	-0.01	-24.04	-82.37
BHNE2	43	40.33	-99	4.33	1715.0	80317.62	0.01	0.00	-20.03	-79.18
BHNE3	43	39.50	-99	6.72	1712.0	80314.30	0.00	-0.01	-22.38	-81.45
BHNE4	43	37.75	-99	6.72	1731.0	80308.78	0.01	0.00	-23.48	-83.18
BHNE5	43	38.62	-99	4.33	1729.0	80314.80	0.00	0.00	-18.96	-78.60
BHNE6	43	38.60	-99	1.95	1672.0	80320.26	0.01	-0.02	-18.82	-76.51
BHNE7	43	40.33	-99	1.95	1666.0	80322.40	0.02	-0.02	-19.86	-77.33
BHNE8	43	42.09	-99	1.95	1714.0	80324.53	0.00	0.00	-15.86	-74.99
BHNE9	43	42.09	-99	4.33	1688.0	80320.24	0.01	-0.01	-22.60	-80.83
BHNE10	43	42.93	-99	6.72	1691.0	80319.85	0.00	-0.01	-23.97	-82.32
BHNE11	43	44.68	-99	6.72	1673.0	80323.80	0.00	-0.01	-24.35	-82.08
BHNE12	43	43.82	-99	4.33	1689.0	80321.07	0.00	-0.01	-24.28	-82.56
BHNE13	43	42.95	-99	1.95	1714.0	80322.83	0.00	0.00	-18.86	-77.99
BHNE14	43	44.68	-99	1.93	1714.0	80321.80	0.01	0.01	-22.50	-81.60
VSE-1	43	51.72	-100	18.35	2119.0	80280.79	0.01	0.07	-36.04	-109.03
VSE-2	43	49.93	-100	18.07	2001.0	80284.73	0.03	0.01	-40.49	-109.46
VSE-3	43	51.72	-100	20.75	2202.0	80276.14	0.00	0.16	-32.88	-108.65
VSE-4	43	50.65	-100	21.90	2000.0	80288.12	0.01	0.01	-38.28	-107.24
VSE-5	43	48.23	-100	17.98	1935.0	80286.14	0.04	-0.03	-42.73	-109.45
VSE-6	43	48.40	-100	20.33	1906.0	80289.71	0.00	-0.05	-42.14	-107.93
VSE-7	43	47.53	-100	21.98	1958.0	80285.17	0.10	-0.03	-40.48	-107.94
VSE-8	43	48.23	-100	15.57	1923.0	80285.14	0.03	-0.03	-44.85	-111.18
VSE-9	43	46.58	-100	15.57	1885.0	80284.18	0.01	-0.05	-46.90	-111.96
VSE-10	43	50.83	-100	15.58	2112.0	80278.01	0.01	0.07	-38.13	-110.88
VSE-11	43	46.50	-100	17.97	1928.0	80283.57	0.02	-0.04	-43.35	-109.86
BA-1	43	44.75	-100	17.97	1879.0	80284.46	0.01	-0.05	-44.43	-109.28
BA-2	43	43.47	-100	19.15	1665.0	80296.42	0.06	-0.04	-50.66	-108.08
BA-3	43	42.37	-100	16.77	1650.0	80294.50	0.05	-0.05	-52.33	-109.26
BA-4	43	42.17	-100	19.20	1844.0	80283.24	0.06	-0.03	-45.05	-108.62
BA-5	43	40.87	-100	19.20	1974.0	80272.74	0.22	0.04	-41.37	-109.19

BA-6	43	39.12	-100	18.60	2017.0	80267.39	0.02	0.01	-40.04	-109.57
BA-7	43	38.10	-100	15.33	1765.0	80282.32	0.12	-0.05	-47.27	-108.08
BA-8	43	40.00	-100	16.82	1979.0	80270.51	0.07	0.03	-41.82	-109.97
BA-9	43	41.30	-100	16.22	1846.0	80281.28	0.01	-0.04	-45.51	-109.21
BA-10	43	39.15	-100	20.98	2034.0	80266.57	0.01	0.00	-39.31	-109.44
BA-11	43	37.50	-100	22.20	2150.0	80255.98	0.07	0.06	-36.50	-110.51
BA-12	43	40.87	-100	22.20	1998.0	80271.19	0.02	0.00	-40.66	-109.55
BA-13	43	42.82	-100	22.20	1879.0	80283.55	0.12	-0.03	-42.43	-107.15
PR-1	43	42.35	-100	2.42	1587.0	80286.47	0.02	-0.06	-66.26	-121.05
PR-2	43	40.42	-100	2.43	1799.0	80270.82	0.00	-0.04	-59.07	-121.16
PR-3	43	40.97	-100	4.35	1668.0	80280.23	0.05	-0.08	-62.80	-120.37
PR-4	43	38.68	-100	2.43	1931.0	80259.58	0.04	0.03	-55.27	-121.80
PR-5	43	39.55	-100	4.83	1843.0	80266.89	0.09	-0.01	-57.55	-121.04
PR-6	43	40.42	-100	7.22	1795.0	80273.36	0.04	0.28	-56.90	-118.50
PR-7	43	44.75	-100	3.67	1839.0	80275.00	0.05	-0.04	-57.65	-121.07
PR-8	43	44.75	-100	6.00	1793.0	80280.62	0.12	-0.06	-56.35	-118.14
PR-9	43	44.75	-100	1.25	1827.0	80275.11	0.02	-0.04	-58.67	-121.70
PR-10	43	43.45	-100	0.03	1865.0	80269.53	0.07	0.05	-58.72	-122.92
INW-1	43	44.77	-99	58.85	1809.0	80275.10	0.05	-0.05	-60.40	-122.80
INW-2	43	43.63	-99	57.68	1810.0	80272.68	0.06	-0.02	-61.01	-123.40
INW-3	43	44.77	-99	56.60	1795.0	80275.64	0.01	-0.05	-61.18	-123.13
INW-4	43	44.77	-99	54.10	1789.0	80276.03	0.03	-0.04	-61.35	-123.07
INW-5	43	46.02	-99	54.12	1787.0	80274.12	0.04	-0.04	-65.33	-126.97
INW-6	43	41.95	-99	54.88	1555.0	80287.53	0.04	-0.04	-67.60	-121.25
INE1	43	43.02	-99	51.70	1751.0	80277.89	0.01	-0.02	-60.43	-120.84
INE2	43	43.88	-99	49.37	1713.0	80283.11	0.01	-0.05	-60.08	-119.21
INE3	43	42.58	-99	47.75	1510.0	80296.69	0.01	-0.07	-63.62	-115.78
INE4	43	40.40	-99	47.78	1895.0	80272.14	0.28	0.20	-48.69	-113.57
INE5	43	38.68	-99	46.95	1854.0	80269.37	0.03	0.02	-52.72	-116.62
INE6	43	37.82	-99	45.75	1844.0	80269.53	0.01	-0.01	-52.21	-115.81
INE7	43	42.97	-99	45.40	1495.0	80298.91	0.01	-0.07	-63.40	-115.04
GSE-1	43	6.67	-99	21.33	2103.0	80216.68	0.00	0.07	-33.80	-106.25
GSE-2	43	5.80	-99	20.15	2065.0	80218.66	0.01	0.06	-34.08	-105.23
GSE-3	43	4.07	-99	20.15	2161.0	80211.53	0.02	0.10	-29.59	-103.98
GSE-4	43	2.33	-99	20.15	2220.0	80206.07	0.01	0.12	-26.88	-103.29
GSE-5	43	0.58	-99	20.15	2235.0	80206.17	0.01	0.13	-22.74	-99.66
GSE-6	43	0.58	-99	17.78	2224.0	80205.91	0.02	0.14	-24.03	-100.55
GSE-7	43	0.58	-99	15.40	2206.0	80207.35	0.00	0.14	-24.28	-100.21
GSE-8	43	2.33	-99	15.40	2128.0	80212.01	0.02	0.10	-29.59	-102.85
GSE-9	43	2.33	-99	17.78	2101.0	80214.41	0.01	0.08	-29.73	-102.09
GSE-10	43	4.07	-99	17.78	2105.0	80214.30	0.00	0.08	-32.08	-104.59
GSE-11	43	4.07	-99	15.40	2030.0	80218.94	0.05	0.06	-34.49	-104.39
GSE-12	43	5.80	-99	17.78	2023.0	80220.78	0.02	0.05	-35.91	-105.61
GSE-13	43	6.68	-99	15.40	2114.0	80215.67	0.01	0.10	-33.79	-106.58
B-1	43	7.53	-99	15.42	2095.0	80218.65	0.03	0.09	-33.88	-106.00
B-2	43	9.03	-99	15.43	2180.0	80214.44	0.02	0.15	-32.35	-107.35
B-3	43	11.02	-99	15.42	2120.0	80221.08	0.06	0.13	-34.35	-107.26
B-4	43	12.75	-99	15.42	2074.0	80228.76	0.04	0.11	-33.60	-104.97
B-5	43	14.48	-99	15.42	2097.0	80229.21	0.07	0.15	-33.59	-105.68
B-6	43	14.48	-99	17.78	2137.0	80226.54	0.02	0.14	-32.50	-106.03
B-7	43	12.75	-99	17.78	2109.0	80226.32	0.00	0.11	-32.75	-105.36
B-8	43	10.83	-99	17.78	2206.0	80214.98	0.07	0.16	-32.08	-107.91
B-9	43	9.28	-99	17.78	2090.0	80220.39	0.00	0.08	-35.24	-107.23
B-10	43	7.53	-99	17.78	2086.0	80218.10	0.02	0.08	-35.27	-107.11
B-11	43	7.53	-99	20.15	2031.0	80222.01	0.13	0.06	-36.54	-106.39
B-12	43	9.27	-99	20.15	2131.0	80217.96	0.05	0.09	-33.80	-107.14

B-13	43	11.00	-99	20.15	2163.0	80218.53	0.01	0.11	-32.83	-107.29
B-14	43	12.75	-99	20.15	2184.0	80220.90	0.03	0.14	-31.12	-106.25
B-15	43	14.48	-99	20.17	2149.0	80225.32	0.00	0.13	-32.59	-106.56
E-1	43	14.43	-99	23.73	2162.0	80223.58	0.06	0.12	-33.03	-107.40
E-2	43	12.73	-99	23.72	2144.0	80223.69	0.07	0.11	-32.06	-105.81
E-3	43	11.00	-99	23.72	2136.0	80221.05	0.00	0.08	-32.85	-106.42
E-4	43	9.27	-99	23.72	2111.0	80220.03	0.06	0.09	-33.61	-106.26
E-5	43	7.53	-99	23.72	2180.0	80212.23	0.11	0.12	-32.31	-107.24
E-6	43	7.53	-99	26.10	2230.0	80208.64	0.16	0.12	-31.19	-107.80
E-7	43	9.27	-99	26.10	2113.0	80219.90	0.04	0.09	-33.55	-106.29
E-8	43	11.02	-99	26.10	2116.0	80222.49	0.02	0.08	-33.32	-106.18
E-9	43	12.73	-99	26.10	2162.0	80221.87	0.05	0.10	-32.18	-106.58
E-10	43	13.62	-99	26.10	2170.0	80221.78	0.04	0.11	-32.86	-107.54
E-11	43	14.48	-99	26.17	2211.0	80220.01	0.02	0.14	-32.07	-108.15
E-12	43	14.48	-99	28.47	2172.0	80221.82	0.06	0.11	-33.93	-108.65
E-13	43	12.75	-99	28.47	2116.0	80224.26	0.02	0.09	-34.15	-107.01
E-14	43	11.02	-99	28.47	2209.0	80215.80	0.00	0.11	-31.26	-107.32
E-15	43	9.27	-99	28.47	2195.0	80214.14	0.00	0.09	-31.60	-107.20
E-16	43	7.53	-99	28.47	2178.0	80212.82	0.01	0.09	-31.90	-106.90
D-1	43	7.53	-99	30.83	2207.0	80211.68	0.03	0.09	-30.32	-106.29
D-2	43	9.26	-99	30.83	2295.0	80207.99	0.01	0.14	-28.34	-107.31
D-3	43	11.00	-99	30.83	2237.0	80213.71	0.10	0.11	-30.69	-107.61
D-4	43	9.26	-99	33.20	2316.0	80206.96	0.01	0.14	-27.39	-107.09
D-5	43	9.26	-99	35.58	2319.0	80206.54	0.02	0.13	-27.53	-107.33
D-6	43	7.53	-99	35.58	2341.0	80203.71	0.01	0.14	-25.69	-106.25
D-7	43	11.00	-99	35.57	2270.0	80212.21	0.05	0.11	-29.09	-107.19
D-8	43	11.00	-99	33.20	2279.0	80211.50	0.01	0.12	-28.95	-107.39
D-9	43	12.73	-99	30.83	2148.0	80222.28	0.02	0.09	-33.09	-107.05
D-10	43	14.47	-99	30.85	2201.0	80220.28	0.09	0.11	-32.73	-108.42
D-11	43	14.48	-99	33.20	2218.0	80219.51	0.02	0.11	-31.91	-108.26
D-12	43	14.48	-99	35.57	2156.0	80224.62	0.09	0.08	-32.63	-106.81
D-13	43	12.73	-99	35.57	2202.0	80219.12	0.05	0.09	-31.17	-106.96
DNW-1	43	12.75	-99	37.95	2254.0	80216.33	0.01	0.11	-29.10	-106.70
DNW-2	43	14.48	-99	37.95	2190.0	80222.50	0.01	0.09	-31.56	-106.97
DNW-3	43	11.02	-99	37.95	2254.0	80214.01	0.00	0.10	-28.82	-106.43
DNW-4	43	9.27	-99	37.95	2286.0	80211.18	0.00	0.10	-26.01	-104.72
DNW-5	43	9.27	-99	40.32	2297.0	80212.60	0.00	0.10	-23.55	-102.65
DNW-6	43	7.53	-99	40.33	2338.0	80209.51	0.03	0.12	-20.17	-100.62
DNW-7	43	11.00	-99	40.30	2294.0	80213.39	0.00	0.11	-25.65	-104.63
DNW-8	43	12.73	-99	40.32	2229.0	80219.23	0.00	0.09	-28.53	-105.29
DNW-9	43	14.48	-99	40.32	2247.0	80220.32	0.00	0.10	-28.38	-105.75
DNW-10	43	14.48	-99	42.70	2232.0	80221.22	0.06	0.10	-28.89	-105.68
DNW-11	43	12.75	-99	42.68	2302.0	80216.39	0.00	0.12	-24.53	-103.78
DNW-12	43	11.02	-99	42.68	2273.0	80217.16	0.02	0.09	-23.88	-102.14
DNW-13	43	9.27	-99	42.68	2311.0	80214.37	0.01	0.10	-20.47	-100.03
DNW-14	43	7.53	-99	42.68	2370.0	80209.72	0.03	0.13	-16.95	-98.50
KSW-1	43	49.12	-99	56.50	1838.0	80282.68	0.01	-0.03	-56.65	-120.06
KSW-2	43	49.10	-99	58.85	1832.0	80283.15	0.02	-0.04	-56.71	-119.92
KSW-3	43	50.86	-99	58.85	1825.0	80287.29	0.03	-0.04	-55.88	-118.84
KSW-4	43	51.72	-99	57.92	1796.0	80290.93	0.00	-0.04	-56.27	-118.26
KSW-5	43	50.86	-99	56.50	1801.0	80288.05	0.00	-0.04	-57.38	-119.54
KSW-6	43	51.72	-99	55.52	1768.0	80292.53	0.01	-0.05	-57.30	-118.32
KSW-7	43	50.88	-99	54.10	1783.0	80289.64	0.03	-0.04	-57.51	-119.02
KSW-8	43	49.12	-99	54.10	1811.0	80284.43	0.03	-0.04	-57.44	-119.91
KSW-9	43	47.37	-99	54.10	1815.0	80280.04	0.03	-0.04	-58.81	-121.43
KSW-10	43	47.37	-99	56.50	1838.0	80279.07	0.01	-0.04	-57.62	-121.05

KSW-11	43	45.63	-99	56.50	1825.0	80275.53	0.00	-0.04	-59.76	-122.75
KSW-12	43	45.63	-99	58.85	1819.0	80276.10	0.05	-0.05	-59.76	-122.50
KSW-13	43	46.93	-99	58.85	1862.0	80276.67	0.01	-0.03	-57.10	-121.34
KSW-14	43	45.63	-99	54.10	1785.0	80277.98	0.13	-0.04	-61.07	-122.55
KSE-1	43	47.37	-99	51.68	1770.0	80283.64	0.01	-0.05	-59.44	-120.54
KSE-2	43	46.50	-99	51.68	1756.0	80282.47	0.01	-0.05	-60.62	-121.23
KSE-3	43	46.50	-99	49.35	1790.0	80281.53	0.00	-0.02	-58.36	-120.13
KSE-4	43	48.23	-99	50.58	1803.0	80283.80	0.01	-0.03	-57.48	-119.69
KSE-5	43	49.12	-99	49.38	1756.0	80290.21	0.01	-0.04	-56.83	-117.43
KSE-6	43	49.12	-99	51.70	1801.0	80285.58	0.03	-0.03	-57.23	-119.35
KSE-7	43	50.85	-99	51.92	1792.0	80290.72	0.00	-0.04	-55.54	-117.39
KSE-8	43	51.72	-99	50.72	1790.0	80294.99	0.01	-0.03	-52.77	-114.53
KSE-9	43	50.85	-99	49.39	1760.0	80295.55	0.07	-0.04	-53.72	-114.40
KSE-10	43	50.85	-99	46.98	1809.0	80294.47	0.07	-0.01	-50.19	-112.53
KSE-11	43	49.10	-99	46.98	1802.0	80290.18	0.00	-0.02	-52.50	-114.68
KSE-12	43	47.78	-99	46.98	1769.0	80288.89	0.02	-0.02	-54.91	-115.93
RSW-1	43	50.83	-99	44.58	1784.0	80299.51	0.03	-0.01	-47.47	-108.99
RSW-2	43	49.97	-99	43.40	1802.0	80297.16	0.00	-0.01	-46.83	-109.00
RSW-3	43	48.23	-99	43.38	1765.0	80294.19	0.01	-0.02	-50.66	-111.55
RSW-4	43	48.23	-99	41.00	1754.0	80297.58	0.01	-0.02	-48.30	-108.82
RSW-5	43	46.50	-99	41.00	1752.0	80293.65	0.02	0.06	-49.82	-110.17
RSW-6	43	45.17	-99	42.33	1430.0	80311.89	0.06	-0.02	-59.85	-109.15
RSW-7	43	49.97	-99	41.02	1780.0	80301.29	0.02	-0.01	-44.77	-106.16
RSW-8	43	49.97	-99	38.62	1790.0	80304.85	0.03	0.01	-40.27	-101.98
RSW-9	43	51.70	-99	37.52	1800.0	80312.75	0.00	0.00	-34.04	-96.13
RSW-10	43	51.70	-99	39.92	1752.0	80312.61	0.00	-0.02	-38.69	-99.15
RSW-11	43	51.72	-99	42.32	1770.0	80306.39	0.02	-0.02	-43.25	-104.30
L-1	43	53.45	-99	44.72	1736.0	80314.18	0.01	-0.03	-41.26	-101.17
L-2	43	55.22	-99	44.72	1730.0	80328.12	0.01	-0.04	-30.56	-90.26
L-3	43	53.45	-99	42.32	1784.0	80315.55	0.03	-0.01	-35.38	-96.90
L-4	43	55.18	-99	42.32	1766.0	80326.19	0.03	-0.02	-29.04	-89.95
L-5	43	56.92	-99	42.33	1729.0	80338.83	0.11	-0.02	-22.50	-82.06
L-6	43	56.92	-99	44.10	1708.0	80342.03	0.05	-0.03	-21.28	-80.18
L-7	43	53.45	-99	39.92	1811.0	80315.76	0.00	0.00	-32.63	-95.10
L-8	43	53.45	-99	37.52	1787.0	80319.01	0.00	0.00	-31.64	-93.28
L-9	43	55.18	-99	37.52	1812.0	80323.14	0.01	0.01	-27.77	-90.25
L-10	43	56.93	-99	37.52	1827.0	80329.53	0.04	0.05	-22.60	-85.53
L-11	43	58.67	-99	37.53	1831.0	80340.32	0.05	0.08	-14.06	-77.09
L-12	43	59.53	-99	39.67	1750.0	80351.72	0.08	0.01	-11.57	-71.85
R-1	43	59.53	-98	35.11	1825.0	80344.66	0.51	0.23	-11.58	-73.79
R-2	43	59.25	-99	33.25	1800.0	80346.03	0.04	0.08	-12.14	-74.11
R-3	43	57.78	-99	35.11	1897.0	80334.92	0.04	0.11	-11.91	-77.19
R-4	43	57.78	-99	31.52	1817.0	80346.72	0.02	0.06	-7.64	-70.23
R-5	43	56.05	-99	31.52	1835.0	80340.01	0.01	0.05	-10.04	-73.28
R-6	43	56.05	-99	33.92	1822.0	80334.47	0.02	0.03	-16.81	-79.60
R-7	43	56.07	-99	36.33	1813.0	80329.37	0.00	0.03	-22.78	-85.29
R-8	43	54.33	-99	36.33	1826.0	80320.91	0.03	0.03	-27.40	-90.32
R-9	43	54.32	-99	33.92	1816.0	80326.89	0.00	0.03	-22.34	-84.95
R-10	43	54.32	-99	31.52	1780.0	80337.10	0.02	0.02	-15.52	-76.88
R-11	43	52.57	-99	33.92	1768.0	80325.92	0.01	0.00	-25.19	-86.17
R-12	43	52.58	-99	36.33	1782.0	80318.93	0.02	0.00	-30.88	-92.33
RSE-1	43	50.83	-99	33.80	1810.0	80323.51	0.00	0.03	-21.03	-83.43
RSE-2	43	51.72	-99	35.10	1788.0	80319.79	0.00	0.01	-28.16	-89.82
RSE-3	43	51.72	-99	36.32	1792.0	80315.91	0.01	0.00	-31.66	-93.46
RSE-4	43	49.97	-99	36.25	1801.0	80310.60	0.00	0.01	-33.49	-95.60
RSE-5	43	49.97	-99	33.85	1790.0	80319.75	0.03	0.02	-25.37	-87.07

RSE-6	43	48.23	-99	33.83	1804.0	80306.89	0.00	0.05	-34.29	-96.47
RSE-7	43	48.23	-99	36.23	1764.0	80304.21	0.00	0.00	-40.73	-101.58
RSE-8	43	46.60	-99	36.23	1750.0	80299.29	0.03	0.07	-44.51	-104.78
RSE-9	43	48.23	-99	31.43	1811.0	80312.89	0.01	0.09	-27.64	-90.00
OA-1	43	47.17	-99	29.42	1796.0	80311.99	0.09	0.21	-28.35	-90.00
OA-2	43	47.12	-99	26.77	1789.0	80322.19	0.33	0.31	-18.73	-79.80
OA-3	43	45.42	-99	26.70	1609.0	80320.28	0.04	0.04	-35.00	-90.43
OA-4	43	47.38	-99	25.38	1406.0	80347.60	0.07	0.00	-29.73	-78.17
OA-5	43	48.87	-99	25.47	1410.0	80356.51	0.02	0.00	-22.68	-71.32
OA-6	43	48.23	-99	23.68	1450.0	80350.28	0.04	-0.04	-24.19	-74.22
OA-7	43	51.38	-99	24.35	1760.0	80341.61	0.01	0.09	-8.46	-69.07
SC-1	43	53.00	-99	24.35	1782.0	80340.92	0.01	0.11	-9.52	-70.87
SC-2	43	54.30	-99	24.75	1808.0	80340.61	0.25	0.26	-9.35	-71.20
SC-3	43	54.87	-99	23.13	1412.0	80367.87	0.01	0.00	-20.18	-68.89
SC-4	43	54.35	-99	26.75	1742.0	80346.79	0.00	0.03	-9.45	-69.51
SC-5	43	54.30	-99	29.15	1780.0	80343.53	0.00	0.03	-9.06	-70.43
SC-6	43	52.57	-99	29.15	1778.0	80339.91	0.01	0.05	-10.26	-71.53
OA-8	43	49.45	-99	24.28	1700.0	80342.04	0.18	0.13	-10.76	-69.09
RSE-10	43	50.83	-99	31.45	1789.0	80331.60	0.04	0.05	-14.91	-76.53
BE-1	43	59.13	-99	19.52	1430.0	80370.83	0.06	-0.07	-21.95	-71.30
BE-2	43	59.02	-99	17.17	1537.0	80367.79	0.04	-0.03	-14.76	-67.78
BE-3	43	57.73	-99	15.98	1531.0	80365.41	0.08	-0.03	-15.76	-68.53
BE-4	43	57.83	-99	18.38	1601.0	80356.21	0.37	0.08	-18.53	-73.31
BE-5	43	56.00	-99	17.75	1746.0	80340.04	0.00	0.12	-18.31	-78.42
BE-6	43	55.13	-99	15.98	1696.0	80342.04	0.00	0.04	-19.70	-78.16
BE-7	43	53.72	-99	15.97	1770.0	80334.86	0.01	0.12	-17.79	-78.72
BE-8	43	54.28	-99	18.35	1480.0	80356.03	0.04	0.04	-24.74	-75.72
BE-9	43	54.27	-99	20.62	1378.0	80365.37	0.01	-0.03	-24.97	-72.54
BE-10	43	52.53	-99	17.92	1398.0	80358.64	0.04	0.01	-27.20	-75.39
CH-1	43	50.83	-99	17.58	1702.0	80333.19	0.03	0.16	-21.50	-80.03
CH-2	43	50.83	-99	15.15	1745.0	80330.82	0.01	0.05	-19.83	-79.96
CH-3	43	49.92	-99	16.37	1688.0	80332.01	0.00	0.02	-22.63	-80.84
CH-4	43	49.88	-99	18.42	1710.0	80330.79	0.16	0.23	-21.72	-80.32
CH-5	43	48.87	-99	19.62	1380.0	80354.25	0.02	-0.01	-27.77	-75.38
CH-6	43	48.82	-99	21.22	1390.0	80355.22	0.08	-0.04	-25.78	-73.70
CH-7	43	50.83	-99	19.82	1376.0	80357.66	0.02	-0.01	-27.69	-75.16
CH-8	43	46.45	-99	21.13	1743.0	80323.60	0.10	0.15	-20.64	-80.51
CH-9	43	45.58	-99	18.70	1676.0	80330.10	0.01	-0.02	-19.13	-76.95
CH-10	43	45.57	-99	16.30	1675.0	80332.80	0.00	-0.02	-16.50	-74.31
CH-11	43	47.32	-99	16.33	1656.0	80333.48	0.04	-0.01	-20.25	-77.35
DNE1	43	22.97	-99	17.40	1883.0	80251.41	0.05	0.12	-44.29	-109.07
DSE1	43	22.32	-99	16.75	2036.0	80249.21	0.36	0.30	-31.13	-100.68
DNE2	43	23.45	-99	19.83	1595.0	80270.78	0.06	0.15	-52.73	-107.54
DNE3	43	22.62	-99	15.43	1972.0	80245.48	0.04	0.22	-41.33	-109.08
DNE4	43	24.08	-99	16.58	1845.0	80255.61	0.03	0.14	-45.34	-108.81
DNE5	43	25.13	-99	16.93	1885.0	80254.43	0.72	0.42	-44.34	-108.21
DSE2	43	22.28	-99	15.43	2042.0	80239.01	0.17	0.30	-40.70	-110.65
DSE3	43	18.32	-99	15.43	2157.0	80228.28	0.01	0.20	-34.66	-108.83
DSE4	43	20.20	-99	16.92	2100.0	80231.78	0.01	0.21	-39.35	-111.54
DSE5	43	20.98	-99	17.78	2050.0	80237.42	0.04	0.22	-39.59	-110.02
DSE6	43	17.08	-99	15.43	2110.0	80229.17	0.00	0.15	-36.32	-108.93
DSE7	43	15.35	-99	16.03	1983.0	80229.19	0.03	0.09	-45.64	-113.91
DSE8	43	17.08	-99	17.80	2165.0	80225.90	0.01	0.18	-34.42	-108.88
DSE9	43	16.22	-99	17.90	2122.0	80227.80	0.02	0.14	-35.27	-108.28
DSE10	43	17.95	-99	18.98	2176.0	80225.53	0.01	0.19	-35.07	-109.90
DSE11	43	17.08	-99	20.17	2194.0	80223.35	0.00	0.18	-34.24	-109.71

DSE12	43	15.35	-99	20.17	2124.0	80227.46	0.01	0.12	-34.11	-107.22
DSE13	43	16.22	-99	21.95	2179.0	80225.53	0.03	0.15	-32.18	-107.13
DSE14	43	17.95	-99	22.00	2224.0	80220.67	0.02	0.23	-35.41	-111.85
D1	43	23.15	-99	26.10	2002.0	80240.24	0.01	0.09	-44.55	-113.49
D2	43	23.15	-99	23.30	1980.0	80242.90	0.02	0.11	-43.95	-112.11
D3	43	24.88	-99	26.10	1968.0	80246.47	0.01	0.07	-44.12	-111.91
D4	43	24.88	-99	24.32	1915.0	80249.79	0.02	0.07	-45.78	-111.74
D5	43	24.88	-99	27.28	1872.0	80252.97	0.04	0.02	-46.64	-111.15
D6	43	26.62	-99	26.10	1975.0	80250.50	0.04	0.11	-42.05	-110.01
D7	43	27.48	-99	23.73	1853.0	80259.64	0.12	0.09	-45.68	-109.38
D8	43	28.73	-99	23.70	1660.0	80272.35	0.01	0.01	-53.00	-110.24
D9	43	28.35	-99	26.10	1824.0	80264.24	0.03	0.03	-45.11	-107.97
D10	43	29.98	-99	26.08	1830.0	80266.57	0.02	0.07	-44.67	-107.70
D11	43	27.48	-99	28.48	1840.0	80261.97	0.00	0.01	-44.57	-108.02
D12	43	28.23	-99	28.48	1892.0	80262.07	0.08	0.04	-40.71	-105.84
RBE1	43	29.97	-99	31.40	1906.0	80260.76	0.05	0.12	-43.32	-108.89
RBE2	43	28.35	-99	30.87	1876.0	80261.23	0.01	0.05	-43.23	-107.88
RBE3	43	27.47	-99	32.02	1825.0	80262.66	0.02	0.01	-45.27	-108.19
RBE4	43	26.62	-99	30.87	1810.0	80262.01	0.02	0.00	-46.05	-108.47
RBE5	43	24.95	-99	30.85	1842.0	80255.53	0.00	-0.01	-47.01	-110.55
RBE6	43	24.88	-99	33.20	1815.0	80257.28	0.01	-0.02	-47.69	-110.31
RBE7	43	24.88	-99	35.58	1842.0	80255.22	0.01	-0.01	-47.21	-110.75
RBE8	43	26.62	-99	35.58	1792.0	80262.82	0.00	0.00	-46.94	-108.75
RBE9	43	28.35	-99	36.10	1913.0	80258.71	0.12	0.06	-42.27	-108.07
RBE10	43	29.98	-99	36.78	1822.0	80267.47	0.03	0.00	-44.53	-107.34
RBE11	43	27.48	-99	34.38	1779.0	80265.61	0.00	-0.01	-46.66	-108.04
RBE12	43	23.15	-99	35.58	1939.0	80245.60	0.02	0.01	-45.11	-111.95
RBE13	43	23.15	-99	30.85	1895.0	80248.14	0.00	0.00	-46.71	-112.07
D13	43	23.15	-99	28.48	1876.0	80249.48	0.00	0.01	-47.15	-111.85
RBE14	43	23.15	-99	33.20	1874.0	80248.23	0.01	-0.01	-48.59	-113.23
BB-3	43	33.88	-99	18.30	1416.0	80305.93	0.04	0.01	-50.12	-98.93
BB-4	43	34.72	-99	17.35	1762.0	80285.39	0.24	0.20	-39.39	-99.73
BB-5	43	35.15	-99	15.05	1841.0	80281.40	0.02	0.11	-36.60	-99.97
BB-6	43	36.92	-99	15.10	1706.0	80294.82	0.00	-0.01	-38.54	-97.40
RLW-1	43	38.65	-99	15.12	1745.0	80301.87	0.00	0.01	-30.43	-90.61
RLW-2	43	40.37	-99	15.08	1666.0	80315.51	0.01	-0.03	-26.81	-84.30
RLW-3	43	42.10	-99	15.08	1570.0	80327.91	0.00	-0.06	-26.04	-80.27
RLW-4	43	42.97	-99	17.50	1600.0	80327.19	0.00	-0.05	-25.25	-80.50
RLW-5	43	43.85	-99	15.08	1605.0	80334.04	0.01	-0.05	-19.25	-74.67
RLW-6	43	44.70	-99	17.52	1678.0	80328.87	0.00	-0.02	-18.84	-76.75
RLW-7	43	43.90	-99	19.88	1677.0	80322.46	0.01	-0.02	-24.14	-82.00
RLW-8	43	41.25	-99	17.47	1653.0	80318.42	0.02	-0.03	-26.44	-83.48
RLW-9	43	39.48	-99	17.47	1760.0	80302.35	0.00	0.04	-29.79	-90.46
RLW-10	43	37.75	-99	17.47	1729.0	80295.15	0.00	0.01	-37.29	-96.93
RLW-11	43	40.62	-99	21.05	1680.0	80307.07	0.06	0.07	-34.31	-92.13
RLW-12	43	42.13	-99	21.08	1642.0	80316.78	0.03	-0.03	-30.44	-87.09
RLW-13	43	42.13	-99	19.88	1648.0	80319.53	0.01	-0.03	-27.13	-84.00
RLW-14	43	42.98	-99	22.28	1654.0	80316.21	0.01	0.04	-31.17	-88.18
RLW-15	43	44.72	-99	21.08	1704.0	80321.44	0.00	0.02	-23.86	-82.62
INW-1	43	41.27	-99	23.43	1648.0	80305.60	0.00	0.05	-39.76	-96.57
INW-2	43	40.43	-99	25.75	1404.0	80318.08	0.08	-0.07	-48.96	-97.40
H-1	43	36.95	-99	38.58	1775.0	80275.53	0.06	-0.03	-51.38	-112.58
H-2	43	36.07	-99	40.32	1770.0	80274.14	0.02	-0.04	-51.92	-112.99
H-3	43	35.22	-99	39.78	1797.0	80271.14	0.01	-0.02	-51.10	-113.09
H-4	43	35.22	-99	42.17	1824.0	80268.65	0.01	-0.02	-51.05	-113.98
H-5	43	33.47	-99	40.97	1789.0	80268.64	0.07	0.01	-51.72	-113.34

H-6	43	31.73	-99	40.97	1868.0	80264.53	0.01	0.00	-45.78	-110.20
H-7	43	31.73	-99	38.58	1830.0	80266.96	0.00	0.00	-46.92	-110.04
H-8	43	30.57	-99	40.97	1869.0	80265.18	0.07	0.01	-43.29	-107.67
H-9	43	31.73	-99	43.35	1903.0	80262.01	0.00	0.00	-45.01	-110.64
H-10	43	33.47	-99	43.35	1887.0	80261.80	0.01	0.00	-49.34	-114.41
H-11	43	36.08	-99	43.55	1787.0	80271.21	0.01	-0.04	-53.27	-114.94
H-12	43	36.95	-99	42.17	1775.0	80274.17	0.01	-0.03	-52.74	-113.99
HNW-1	43	37.82	-99	44.55	1822.0	80271.89	0.02	-0.01	-51.92	-114.75
HNW-2	43	38.68	-99	39.78	1828.0	80274.32	0.03	0.01	-50.22	-113.23
HNW-3	43	39.12	-99	42.15	1780.0	80277.03	0.03	0.00	-52.68	-114.05
HNW-4	43	40.42	-99	38.58	1762.0	80283.50	0.01	-0.02	-49.86	-110.65
HNW-5	43	40.42	-99	40.98	1787.0	80279.87	0.02	0.00	-51.14	-112.76
HNW-6	43	42.60	-99	41.35	1793.0	80284.21	0.06	0.09	-49.52	-111.22
HNW-7	43	44.05	-99	39.03	1480.0	80308.94	0.02	-0.06	-56.41	-107.52
HNE-1	43	42.78	-99	37.33	1750.0	80289.37	0.18	0.09	-48.68	-108.77
HNE-2	43	40.42	-99	36.23	1838.0	80280.60	0.02	0.07	-45.62	-108.92
HNE-3	43	38.68	-99	37.38	1742.0	80281.72	0.01	-0.04	-50.90	-111.02
HNE-4	43	41.75	-99	33.83	1780.0	80292.76	0.05	0.09	-40.92	-102.18
HNE-5	43	43.07	-99	32.73	1640.0	80301.08	0.01	-0.03	-47.75	-104.35
HSE-1	43	35.20	-99	37.38	1776.0	80274.03	0.02	-0.03	-50.15	-111.43
HSE-2	43	36.95	-99	37.38	1761.0	80277.73	0.01	-0.03	-50.50	-111.27
HSE-3	43	36.95	-99	35.00	1779.0	80278.43	0.01	0.01	-48.11	-109.45
HSE-4	43	35.20	-99	35.00	1817.0	80272.78	0.01	0.02	-47.55	-110.19
HSE-5	43	31.47	-99	36.20	1815.0	80269.68	0.13	-0.01	-45.22	-107.70
HSE-6	43	31.73	-99	36.20	1783.0	80270.32	0.01	-0.02	-47.98	-109.49
HSE-7	43	30.87	-99	34.42	1699.0	80275.71	0.03	-0.01	-49.19	-107.78
HSE-8	43	30.85	-99	31.43	1822.0	80267.60	0.04	0.06	-45.71	-108.45
I-1	43	31.73	-99	29.05	1925.0	80262.37	0.01	0.12	-42.58	-108.84
I-2	43	33.47	-99	29.05	1797.0	80274.42	0.01	0.01	-45.18	-107.15
I-3	43	34.70	-99	29.05	1757.0	80280.43	0.00	-0.01	-44.79	-105.40
I-4	43	36.30	-99	29.47	1810.0	80281.49	0.05	0.09	-41.15	-103.45
I-5	43	33.47	-99	27.43	1750.0	80277.90	0.01	0.01	-46.12	-106.47
I-6	43	32.20	-99	25.47	1900.0	80267.64	0.05	0.11	-40.37	-105.74
I-7	43	30.85	-99	25.47	1968.0	80258.47	0.06	0.19	-41.11	-108.73
I-8	43	34.33	-99	25.47	1720.0	80283.71	0.02	-0.01	-44.43	-103.75
I-9	43	36.05	-99	25.47	1780.0	80283.61	0.04	0.07	-41.48	-102.77
I-10	43	33.47	-99	23.08	1826.0	80277.23	0.03	0.09	-39.65	-102.51
BB-1	43	33.90	-99	21.88	1800.0	80280.25	0.28	0.25	-39.72	-101.28
BB-2	43	32.73	-99	19.85	1760.0	80281.91	0.55	0.34	-40.06	-99.88
DSW-1	43	22.28	-99	26.10	1982.0	80240.08	0.02	0.06	-45.28	-113.55
DSW-2	43	21.42	-99	23.73	2022.0	80237.83	0.04	0.10	-42.47	-112.06
DSW-3	43	19.68	-99	23.73	2115.0	80230.78	0.01	0.15	-38.16	-110.93
DSW-4	43	17.93	-99	23.73	2179.0	80224.15	0.01	0.16	-36.13	-111.10
DSW-5	43	16.22	-99	23.73	2223.0	80220.12	0.01	0.17	-33.45	-109.92
DSW-6	43	15.33	-99	26.10	2185.0	80221.68	0.02	0.13	-34.13	-109.32
DSW-7	43	17.07	-99	26.10	2130.0	80226.24	0.01	0.11	-37.36	-110.68
DSW-8	43	18.82	-99	26.10	2087.0	80231.98	0.03	0.10	-38.29	-110.13
DSW-9	43	20.55	-99	26.10	1984.0	80238.14	0.02	0.06	-44.42	-112.77
DSW-10	43	21.42	-99	28.47	1922.0	80243.10	0.01	0.02	-46.60	-112.86
DSW-11	43	19.68	-99	29.65	1931.0	80241.10	0.02	0.03	-45.14	-111.68
DSW-12	43	17.93	-99	28.47	2062.0	80232.03	0.01	0.07	-39.25	-110.28
DSW-13	43	17.07	-99	29.65	2148.0	80225.53	0.17	0.14	-36.37	-110.13
WSE-1	43	11.42	-99	46.25	1956.0	80244.17	6.95	0.81	-27.28	-86.98
WSE-2	43	22.30	-99	48.62	2007.0	80240.91	0.03	0.00	-42.13	-111.31
WSE-3	43	20.95	-99	48.62	2009.0	80240.23	0.03	0.01	-40.58	-109.83
WSE-4	43	19.70	-99	46.25	2103.0	80234.46	0.02	0.05	-35.63	-108.08

WSE-5	43	18.07	-99	46.25	2137.0	80231.82	0.09	0.07	-32.62	-106.15
WSE-6	43	17.10	-99	46.25	2187.0	80227.96	0.03	0.09	-30.32	-105.61
WSE-7	43	15.35	-99	46.25	2319.0	80217.60	0.04	0.13	-25.64	-105.42
WSE-8	43	15.35	-99	48.62	2250.0	80224.29	0.08	0.11	-25.43	-102.82
WSE-9	43	17.10	-99	48.62	2208.0	80227.68	0.01	0.09	-28.63	-104.66
WSE-10	43	18.83	-99	48.62	2188.0	80229.82	0.05	0.09	-30.97	-106.28
WSE-11	43	15.35	-99	51.00	2250.0	80225.26	0.00	0.09	-24.46	-101.95
WSE-12	43	17.10	-99	51.00	2249.0	80225.42	0.06	0.10	-27.03	-104.42
WSE-13	43	18.83	-99	51.00	2205.0	80229.39	0.01	0.10	-29.80	-105.72
WSE-14	43	19.62	-99	52.20	2058.0	80239.60	0.01	0.03	-34.61	-105.53
WSE-15	43	21.45	-99	52.18	1995.0	80244.16	0.01	0.00	-38.72	-107.52
WSE-16	43	22.30	-99	51.00	2013.0	80241.97	0.01	0.00	-40.50	-109.91
WNE-6	43	24.92	-99	51.00	1958.0	80245.73	0.01	-0.02	-45.86	-113.40
WSW-1	43	22.32	-99	53.37	1963.0	80246.78	0.00	-0.01	-40.42	-108.13
WSW-2	43	22.32	-99	55.73	2089.0	80239.66	0.06	0.03	-35.70	-107.64
WSW-3	43	22.32	-99	58.12	2057.0	80242.58	0.09	0.01	-35.78	-106.62
WSW-4	43	21.43	-99	59.32	2115.0	80237.44	0.01	0.04	-34.13	-107.01
WSW-5	43	18.85	-99	59.32	2239.0	80228.21	0.01	0.08	-27.82	-104.93
WSW-6	43	19.70	-99	57.53	2148.0	80235.23	0.00	0.04	-30.63	-104.66
WSW-7	43	19.70	-99	55.73	2077.0	80238.91	0.00	0.02	-33.63	-105.23
WSW-8	43	20.58	-99	54.55	2035.0	80242.00	0.00	0.01	-35.81	-105.98
WSW-9	43	19.70	-99	53.37	2030.0	80241.72	0.01	0.02	-35.24	-105.21
WSW-10	43	17.95	-99	53.37	2130.0	80233.68	0.05	0.06	-31.24	-104.58
WSW-11	43	16.22	-99	54.55	2263.0	80224.19	0.01	0.09	-25.62	-103.55
WSW-12	43	15.37	-99	56.93	2323.0	80219.32	0.01	0.11	-23.57	-103.54
WSW-13	43	17.10	-99	56.93	2257.0	80224.87	0.02	0.08	-26.83	-104.55
WSW-14	43	17.10	-99	59.32	2261.0	80224.48	0.12	0.08	-26.84	-104.60
WSW-15	43	15.37	-99	59.32	2342.0	80217.94	0.03	0.12	-23.17	-103.76
WSE-1	43	15.37	-100	1.65	2377.0	80216.60	0.03	0.12	-21.21	-103.01
WSE-2	43	16.02	-100	4.03	2428.0	80215.14	0.07	0.14	-18.86	-102.35
WSE-3	43	16.23	-100	6.42	2440.0	80214.73	0.16	0.15	-18.46	-102.26
WSE-4	43	17.10	-100	2.83	2414.0	80215.07	0.01	0.16	-21.87	-104.92
WSE-5	43	18.83	-100	2.83	2322.0	80221.65	0.05	0.12	-26.54	-106.43
WSE-6	43	20.57	-100	2.83	2241.0	80228.01	0.12	0.08	-30.42	-107.49
WSE-7	43	22.32	-100	2.25	2085.0	80239.19	0.16	0.05	-36.54	-108.23
WSE-8	43	22.32	-100	5.20	2083.0	80239.82	0.45	0.07	-36.10	-107.41
WSE-9	43	20.78	-100	5.20	2259.0	80226.75	0.04	0.07	-30.30	-108.08
WSE-10	43	18.83	-100	5.20	2284.0	80224.11	0.21	0.13	-27.66	-106.06
JCSW-1	44	4.75	-99	55.10	1769.0	80369.49	0.03	0.00	0.11	-60.88
JCSW-2	44	4.75	-99	55.52	1763.0	80371.03	0.07	0.00	1.09	-59.65
JCSW-3	44	6.05	-99	53.10	1755.0	80375.67	0.12	0.04	3.02	-57.36
JCNW-1	44	7.77	-99	55.12	1507.0	80401.82	0.04	-0.05	3.26	-48.75
JCNW-2	44	8.42	-99	56.97	1470.0	80409.73	0.10	-0.07	6.71	-43.98
JCNW-3	44	8.08	-99	59.57	1505.0	80402.08	0.02	-0.04	2.86	-49.09
JCNW-4	44	9.05	-99	56.18	1445.0	80411.62	0.09	-0.07	5.30	-44.54
JCNW-5	44	10.62	-99	58.17	1793.0	80390.41	0.36	0.22	14.44	-46.83
JCNW-6	44	11.70	-99	59.48	1780.0	80389.39	0.13	0.06	10.57	-50.64
JCNW-7	44	13.33	-99	58.32	1730.0	80394.98	0.08	0.09	9.00	-50.51
JCNW-8	44	13.12	-99	55.85	1430.0	80416.18	0.04	-0.07	2.31	-47.06
JCNW-9	44	14.97	-99	56.58	1517.0	80408.18	0.07	-0.07	-0.30	-52.64
DG-1	44	15.55	-99	59.00	1482.0	80414.03	0.17	-0.05	1.39	-49.63
FGB-1	44	11.70	-100	1.55	1775.0	80385.42	0.01	0.00	6.13	-55.09
FGB-2	44	11.70	-100	3.98	1855.0	80374.05	0.03	0.03	2.28	-61.64
JCSW4	44	2.13	-99	52.85	1805.0	80360.64	0.01	0.00	-1.40	-63.65
JCSW5	44	2.13	-99	54.95	1928.0	80349.89	0.08	0.10	-0.59	-66.90
JCSW6	44	1.70	-99	59.13	1837.0	80353.41	0.13	0.00	-4.97	-68.21

FGBSE-1	44	3.87	-100	0.32	1854.0	80361.55	0.05	0.04	1.49	-62.36
FGBSE-2	44	2.13	-100	3.95	1971.0	80332.23	0.01	0.06	-14.20	-82.11
FGBSE-3	44	2.13	-100	6.35	1901.0	80329.87	0.16	0.02	-23.14	-88.53
FGBSE-4	44	3.87	-100	5.13	1933.0	80340.79	0.21	0.04	-11.84	-78.26
FGBSE-5	44	5.60	-100	5.15	1804.0	80358.36	0.11	0.00	-9.01	-71.12
FGBSE-6	44	7.33	-100	5.15	1791.0	80366.39	0.00	-0.02	-4.81	-66.60
FGBSE-7	44	6.92	-100	2.83	1775.0	80372.15	0.02	0.00	0.07	-61.14
FGBSE-8	44	7.33	-100	6.98	1800.0	80357.57	0.02	-0.01	-12.78	-74.86
JSE1	44	4.75	-99	49.52	1763.0	80373.30	0.01	0.01	3.36	-57.43
JSE2	44	4.75	-99	51.92	1767.0	80371.03	0.01	0.00	1.47	-59.47
JSE3	44	3.00	-99	51.92	1852.0	80359.75	0.03	0.05	0.82	-62.98
JSE4	44	6.48	-99	49.52	1721.0	80379.47	0.04	0.04	2.97	-56.31
JSE5	44	4.75	-99	47.12	1733.0	80376.99	0.01	0.03	4.23	-55.51
LBSW1	44	5.10	-99	44.73	1587.0	80384.76	0.17	-0.02	-2.26	-56.86
LBSW2	44	6.48	-99	44.73	1513.0	80398.21	0.01	-0.07	2.16	-50.11
LBSW3	44	5.75	-99	41.12	1451.0	80385.22	0.02	-0.03	-15.56	-65.64
LBSW4	44	4.53	-99	38.73	1718.0	80357.76	0.11	0.07	-16.08	-75.16
LBSW5	44	4.00	-99	38.72	1779.0	80354.80	0.01	0.08	-12.50	-73.78
LB1	44	4.62	-99	36.98	1780.0	80358.82	0.01	0.17	-9.32	-70.54
LB2	44	4.82	-99	34.87	1443.0	80387.79	0.06	-0.01	-12.34	-62.08
LB3	44	6.48	-99	35.33	1460.0	80395.83	0.08	-0.05	-5.21	-55.55
LBNE1	44	8.35	-99	34.72	1440.0	80400.04	0.01	-0.06	-5.70	-55.43
LBNE2	44	9.90	-99	35.12	1477.0	80404.03	0.03	-0.05	-0.57	-51.55
LBNE3	44	12.50	-99	36.93	1513.0	80405.37	0.54	0.03	0.24	-51.39
LB4	44	3.05	-99	34.90	1488.0	80376.57	0.11	0.06	-16.66	-67.84
LB5	44	1.28	-99	35.12	1785.0	80348.35	0.01	0.06	-14.29	-75.79
SC-8	43	56.05	-99	29.15	1794.0	80345.86	0.00	0.04	-8.05	-69.89
SC-9	43	56.92	-99	26.75	1807.0	80348.75	0.00	0.10	-5.25	-67.48
SC-10	43	56.92	-99	24.33	1486.0	80366.96	0.01	0.01	-17.22	-68.47
SC-11	43	59.50	-99	29.13	1885.0	80343.24	0.06	0.23	-7.31	-72.04
BB-1	44	0.68	-99	26.80	1728.0	80351.44	0.04	0.14	-15.65	-75.08
BB-2	44	2.13	-99	26.83	1454.0	80369.67	0.09	-0.03	-25.37	-75.48
LB-6	44	1.75	-99	31.15	1440.0	80371.33	0.03	0.04	-24.46	-74.07
LB-7	44	3.22	-99	32.70	1450.0	80376.40	0.01	-0.01	-20.66	-70.69
RBW1	43	23.13	-99	37.95	1913.0	80249.17	0.01	0.00	-43.95	-109.92
RBW2	43	24.88	-99	39.13	1964.0	80248.11	0.01	0.02	-42.85	-110.56
RBW3	43	26.63	-99	37.97	1902.0	80255.80	0.19	0.12	-43.63	-108.92
RBW4	43	24.90	-99	41.52	1998.0	80246.07	0.03	0.03	-41.73	-110.57
RBW5	43	26.63	-99	41.52	2048.0	80247.67	0.00	0.06	-38.03	-108.60
RBW6	43	28.37	-99	41.52	1931.0	80257.18	0.01	0.02	-42.14	-108.71
RBW7	43	28.47	-99	39.15	1910.0	80257.12	0.09	0.05	-44.33	-110.06
RBW8	43	29.40	-99	39.15	1940.0	80258.65	0.01	0.03	-41.38	-108.25
RBW9	43	29.98	-99	41.52	1856.0	80264.98	0.03	0.00	-43.82	-107.81
RBW10	43	29.98	-99	43.32	1921.0	80259.60	0.03	0.03	-43.09	-109.28
RBW11	43	28.38	-99	43.98	2026.0	80250.89	0.01	0.07	-39.52	-109.30
RBW12	43	26.65	-99	43.90	1971.0	80253.55	0.03	0.03	-39.42	-107.34
RBW13	43	23.15	-99	41.52	2041.0	80240.23	0.01	0.04	-40.89	-111.22
RBW14	43	23.15	-99	43.90	2046.0	80239.49	0.03	0.04	-41.16	-111.65
WNE1	43	24.92	-99	47.43	1902.0	80249.68	0.02	-0.02	-47.17	-112.77
WNE2	43	24.92	-99	45.08	1964.0	80246.08	0.02	0.00	-44.94	-112.66
WNE3	43	23.17	-99	45.08	1969.0	80243.87	0.03	0.02	-44.05	-111.90
WNE4	43	23.17	-99	47.43	1960.0	80244.05	0.01	-0.01	-44.71	-112.31
WNE5	43	23.18	-99	51.00	1971.0	80243.35	0.03	-0.01	-44.40	-112.35
WNE6	43	24.92	-99	51.00	1938.0	80245.75	0.04	-0.02	-47.72	-114.54
WNE7	43	26.67	-99	49.82	1882.0	80251.73	0.01	-0.03	-49.64	-114.57
WNE9	43	27.52	-99	46.83	1881.0	80255.32	0.00	-0.01	-47.42	-112.31

WNE10	43	29.27	-99	47.43	1980.0	80255.28	0.04	0.09	-40.79	-108.95
WNE11	43	27.52	-99	51.00	1918.0	80251.58	0.01	-0.03	-47.68	-113.86
WNE12	43	29.27	-99	51.00	1919.0	80253.18	0.00	-0.02	-48.63	-114.83
ISE1	43	30.00	-99	49.32	1893.0	80258.90	0.03	-0.02	-46.45	-111.73
ISE2	43	31.73	-99	48.13	1857.0	80263.48	0.08	-0.02	-47.86	-111.85
ISE3	43	33.47	-99	46.93	1918.0	80259.51	0.04	0.02	-48.72	-114.81
ISE4	43	35.20	-99	45.75	1861.0	80265.98	0.02	-0.01	-50.21	-114.39
ISE5	43	36.95	-99	45.73	1858.0	80268.55	0.00	0.00	-50.56	-114.65
ISE6	43	35.20	-99	48.13	1920.0	80259.24	0.06	0.05	-51.40	-117.51
ISE7	43	36.95	-99	48.13	1916.0	80261.78	0.05	0.06	-51.88	-117.85
ISE8	43	34.33	-99	49.33	1759.0	80268.50	0.03	-0.04	-55.97	-116.66
ISE9	43	32.60	-99	49.33	1818.0	80264.91	0.10	-0.04	-51.41	-114.06
ISW1	43	30.87	-99	54.08	1946.0	80251.66	0.00	-0.01	-50.02	-117.14
ISW2	43	32.60	-99	54.08	1852.0	80259.14	0.00	-0.05	-53.98	-117.91
ISW3	43	34.35	-99	54.10	1919.0	80255.28	0.01	0.00	-54.18	-120.35
ISW4	43	36.07	-99	54.10	1833.0	80262.08	0.02	-0.04	-58.06	-121.30
INW7	43	37.82	-99	55.28	1844.0	80262.92	0.03	-0.03	-58.82	-122.42
INW8	43	38.68	-99	57.22	1919.0	80259.03	0.06	0.07	-56.95	-123.01
ISW5	43	36.08	-99	56.48	1863.0	80259.82	0.02	-0.03	-57.51	-121.78
ISW6	43	34.35	-99	56.48	1911.0	80255.39	0.08	0.00	-54.82	-120.65
ISW7	43	32.60	-99	56.48	1862.0	80258.35	0.02	-0.05	-53.83	-118.08
ISW8	43	30.87	-99	56.48	1839.0	80258.92	0.01	-0.05	-52.82	-116.29
ISW9	43	32.60	-99	58.87	1879.0	80257.28	0.01	-0.05	-53.30	-118.15
ISW10	43	30.50	-99	58.87	1861.0	80256.37	0.01	-0.06	-52.74	-116.98
ISW11	43	34.33	-99	58.87	1825.0	80261.99	0.01	-0.06	-56.28	-119.27
PSE1	43	36.07	-100	2.43	1895.0	80258.75	0.00	-0.03	-55.56	-120.94
PSE2	43	34.35	-100	2.43	1909.0	80259.89	0.01	-0.03	-50.51	-116.37
PSE3	43	34.35	-100	6.02	1899.0	80260.22	0.05	-0.04	-51.12	-116.60
PSE4	43	32.60	-100	4.82	1926.0	80254.42	0.04	-0.04	-51.74	-118.17
PSE5	43	30.87	-100	4.82	1924.0	80251.96	0.18	-0.04	-51.79	-118.00
PSE6	43	30.87	-100	2.45	1916.0	80252.46	0.01	-0.05	-52.04	-118.16
KNE-1	43	10.17	-100	3.02	2296.0	80219.98	0.04	0.04	-17.62	-96.70
KNE-2	43	10.17	-100	6.42	2358.0	80215.89	0.00	0.06	-15.88	-97.12
KNE-3	43	12.78	-100	5.22	2342.0	80218.53	0.01	0.07	-18.68	-99.34
KNE-4	43	14.50	-100	2.77	2394.0	80216.54	0.01	0.11	-18.37	-100.78
KNE-5	43	14.50	-100	5.22	2404.0	80216.39	0.00	0.10	-17.58	-100.35
KNE-6	43	14.52	-100	0.47	2493.0	80208.14	0.01	0.21	-17.49	-103.20
KNE-7	43	12.78	-100	0.47	2329.0	80219.03	0.09	0.08	-19.40	-99.52
KNE-8	43	11.90	-100	2.83	2329.0	80220.68	0.00	0.06	-16.42	-96.66
KNE-9	43	10.15	-100	0.47	2280.0	80221.10	0.00	0.04	-17.98	-96.55
KNE10	43	7.55	-100	0.47	2296.0	80219.90	0.05	0.04	-13.76	-92.83
KNE11	43	8.42	-100	2.85	2293.0	80220.89	0.00	0.03	-14.36	-93.39
KNE12	43	8.42	-100	5.22	2293.0	80220.15	0.01	0.03	-15.10	-94.12
KSE-1	43	6.68	-100	6.40	2216.0	80220.53	0.25	0.04	-19.34	-95.46
KSE-2	43	4.95	-100	6.40	2394.0	80208.60	0.00	0.06	-11.93	-94.40
KSE-3	43	3.22	-100	6.40	2411.0	80209.49	0.00	0.05	-6.84	-89.91
KSE-4	43	4.95	-100	4.03	2306.0	80217.28	0.01	0.03	-11.53	-90.99
KSE-5	43	4.95	-100	2.85	2263.0	80219.03	0.01	0.02	-13.82	-91.81
KSE-6	43	6.68	-100	2.85	2230.0	80226.98	0.02	0.01	-11.58	-88.43
KSE-7	43	3.22	-100	1.67	2339.0	80214.66	0.02	0.04	-8.44	-89.02
KSE-8	43	2.37	-100	4.03	2345.0	80213.57	0.12	0.04	-7.69	-88.37
KSE-9	43	0.62	-100	4.05	2424.0	80207.17	0.07	0.07	-4.03	-87.45
KSE-10	43	1.48	-100	6.40	2430.0	80207.68	0.00	0.06	-4.25	-87.96
KSW-1	43	2.35	-100	8.78	2410.0	80209.74	0.11	0.05	-5.38	-88.30
KSW-2	43	1.48	-100	11.15	2424.0	80210.22	0.07	0.05	-2.27	-85.71
KSW-3	43	3.22	-100	11.15	2391.0	80210.71	0.01	0.04	-7.50	-89.88

KSW-4	43	3.22	-100	4.95	2380.0	80212.82	0.01	0.05	-6.43	-88.41
KSW-5	43	4.10	-100	8.78	2410.0	80210.28	0.01	0.05	-7.47	-90.49
KSW-6	43	4.98	-100	11.15	2429.0	80207.01	0.03	0.06	-10.28	-93.92
KSW-7	43	6.70	-100	11.15	2345.0	80213.14	0.13	0.03	-14.63	-95.32
KSW-9	43	6.70	-100	8.78	2247.0	80219.21	0.09	0.03	-17.78	-95.13
KNW-1	43	7.60	-100	8.78	2296.0	80217.93	0.01	0.02	-15.80	-94.93
KNW-2	43	7.60	-100	11.15	2342.0	80213.76	0.03	0.04	-15.65	-96.32
KNW-3	43	9.30	-100	11.15	2266.0	80219.55	0.04	0.04	-19.56	-97.61
KNW-4	43	9.30	-100	8.78	2329.0	80216.24	0.03	0.04	-16.95	-97.17
KNW-5	43	11.03	-100	9.98	2427.0	80212.41	0.01	0.09	-14.17	-97.74
KNW-6	43	10.33	-100	14.00	2335.0	80214.39	0.01	0.04	-19.79	-100.24
KNW-7	43	12.06	-100	14.00	2401.0	80210.46	0.14	0.09	-20.12	-102.66
KNW-8	43	13.83	-100	14.00	2453.0	80208.04	0.09	0.11	-20.31	-104.67
KNW-9	43	14.52	-100	9.98	2427.0	80213.39	0.06	0.12	-18.44	-101.93
KNW-10	43	12.77	-100	9.98	2542.0	80204.46	0.05	0.17	-13.93	-101.33
KNW-11	43	13.63	-100	7.58	2384.0	80216.60	0.00	0.09	-17.94	-100.03
WR-1	43	56.10	-100	2.75	1824.0	80302.64	0.30	-0.03	-48.52	-111.17
WR-2	43	56.10	-100	0.33	1794.0	80306.03	0.00	-0.04	-47.96	-109.88
WR-3	43	54.50	-100	0.33	1755.0	80301.68	0.01	-0.05	-53.56	-114.14
WR-4	43	54.55	-100	2.75	1757.0	80301.64	0.05	-0.03	-53.49	-114.08
WR-5	43	57.83	-100	2.75	1785.0	80316.92	0.07	-0.02	-40.52	-102.04
WR-6	43	59.55	-100	2.75	1804.0	80330.46	0.10	-0.02	-27.79	-89.93
WR-7	43	58.65	-100	5.15	1842.0	80315.85	0.14	-0.02	-37.47	-100.88
WR-8	43	56.95	-100	5.15	1821.0	80307.17	0.04	-0.03	-45.56	-108.36
WR-9	43	57.83	-100	7.53	1844.0	80307.72	0.03	-0.03	-44.17	-107.77
WR-10	43	59.55	-100	7.53	1840.0	80317.53	0.08	-0.02	-37.33	-100.74
WR-11	43	56.10	-100	7.52	1831.0	80302.89	0.02	-0.04	-47.62	-110.79
WR-12	43	55.20	-100	5.15	1825.0	80300.04	0.22	-0.04	-49.67	-112.44
WR-13	43	54.30	-100	7.52	1825.0	80298.65	0.07	-0.03	-49.71	-112.62
WR-14	43	55.20	-100	9.95	1816.0	80304.23	0.04	-0.02	-46.33	-108.95
WR-15	43	56.95	-100	9.95	1828.0	80305.12	0.12	-0.03	-46.95	-109.91
WR-16	43	58.65	-100	9.95	1876.0	80307.41	0.02	-0.03	-42.71	-107.42
WR-17	43	58.65	-100	12.40	1846.0	80311.73	0.05	-0.02	-41.21	-104.85
WR-18	43	58.65	-100	14.80	1961.0	80304.97	0.03	0.01	-37.16	-104.75
WR-19	43	56.95	-100	14.80	1912.0	80304.46	0.01	-0.03	-39.71	-105.68
WR-20	43	56.10	-100	12.40	1873.0	80304.40	0.01	-0.03	-42.16	-106.78
WR-21	43	56.10	-100	17.15	1880.0	80304.82	0.00	-0.03	-41.08	-105.95
WR-22	43	57.83	-100	17.15	1909.0	80306.72	0.05	-0.01	-39.06	-104.86
WR-23	43	59.55	-100	17.15	2002.0	80303.98	0.03	0.03	-35.65	-104.63
WR-24	43	58.65	-100	19.50	2043.0	80299.90	0.09	0.03	-34.52	-104.85
WR-25	43	56.95	-100	19.45	1945.0	80303.16	0.01	-0.01	-37.91	-104.99
WR-26	43	57.10	-100	22.05	2063.0	80297.07	0.15	0.04	-33.13	-104.08
WR-27	43	55.35	-100	19.15	1921.0	80302.11	0.01	-0.01	-38.80	-105.06
WR-28	43	55.10	-100	22.05	1943.0	80300.71	0.13	0.00	-37.76	-104.64
WR-29	43	54.30	-100	19.55	2022.0	80292.46	0.02	0.02	-37.37	-107.07
WR-30	43	52.60	-100	19.55	2089.0	80284.22	0.01	0.05	-36.75	-108.73
WR-31	43	52.60	-100	22.05	2093.0	80284.97	0.00	0.03	-35.63	-107.77
WR-32	43	52.60	-100	17.15	2129.0	80281.07	0.04	0.09	-36.14	-109.43
WR-33	43	52.60	-100	14.80	2044.0	80285.64	0.04	0.03	-39.56	-109.98
WR-34	43	54.30	-100	17.15	2024.0	80291.28	0.14	0.03	-38.37	-108.00
WR-25	43	54.75	-100	14.80	1913.0	80298.89	0.01	0.00	-41.87	-107.84
WR-36	43	54.75	-100	11.75	1887.0	80299.82	0.03	-0.01	-43.39	-108.45
WR-37	43	52.60	-100	5.15	1847.0	80291.55	0.14	0.00	-52.18	-115.74
WR-38	43	51.70	-100	7.52	1881.0	80289.85	0.37	0.01	-49.32	-113.82
WR-39	43	51.70	-100	9.95	1945.0	80288.53	0.08	0.00	-44.63	-111.63
WR-40	43	53.45	-100	9.95	1887.0	80296.83	0.02	0.00	-44.42	-109.48

WR-41	43	51.70	-100	12.40	2077.0	80280.40	0.02	0.07	-40.35	-111.88
WR-42	43	50.85	-100	14.80	2089.0	80278.28	0.00	0.06	-40.06	-112.03
WR-43	43	49.10	-100	14.40	1942.0	80284.43	0.17	-0.01	-45.09	-111.91
WR-44	43	47.75	-100	14.40	1896.0	80284.40	0.01	-0.04	-47.41	-112.83
WR-45	43	48.25	-100	12.05	1891.0	80284.69	0.08	-0.03	-48.34	-113.51
WR-46	43	49.10	-100	10.80	1867.0	80287.99	0.11	-0.01	-48.58	-112.88
WR-47	43	50.85	-100	10.80	1930.0	80287.53	0.14	0.00	-45.76	-112.18
WR-48	43	48.25	-100	9.60	1836.0	80287.43	0.19	-0.02	-50.78	-113.93
WR-49	43	49.10	-100	7.20	1848.0	80287.89	0.38	0.00	-50.47	-113.83
WR-50	43	50.85	-100	8.40	1858.0	80284.67	0.63	0.02	-55.38	-118.82
WR-51	43	50.85	-100	5.15	1864.0	80287.57	0.59	0.01	-51.92	-115.61
WR-52	43	49.10	-100	4.85	1865.0	80284.07	0.34	-0.01	-52.69	-116.69
WR-53	43	47.35	-100	4.85	1891.0	80278.53	0.08	-0.03	-53.15	-118.32
WR-54	43	47.35	-100	7.20	1868.0	80282.98	0.23	-0.03	-50.86	-115.09
WR-55	43	45.60	-100	7.80	1856.0	80280.66	0.03	-0.05	-51.67	-115.71
WR-56	43	45.60	-100	9.60	1867.0	80280.60	0.05	-0.05	-50.70	-115.09
WR-57	43	46.93	-100	10.80	1850.0	80285.03	0.07	-0.05	-49.87	-113.66
WR-58	43	44.75	-100	11.45	1893.0	80277.83	0.00	-0.03	-49.74	-115.06
WR-59	43	43.80	-100	9.60	1869.0	80276.44	0.01	0.10	-51.96	-116.31
WR-60	43	43.00	-100	11.50	1856.0	80278.60	0.17	0.32	-49.81	-113.34
WR-61	43	42.15	-100	13.00	1797.0	80282.76	0.65	0.05	-49.92	-111.20
WR-62	43	43.27	-100	13.88	1795.0	80284.83	0.18	-0.05	-49.73	-111.51
WR-63	43	39.95	-100	7.95	1899.0	80267.44	0.06	0.34	-52.33	-117.43
WR-64	43	39.10	-100	9.00	1903.0	80268.53	0.00	0.10	-49.59	-115.12
WR-65	43	37.93	-100	9.60	1954.0	80265.64	0.07	0.01	-45.92	-113.23
WR-66	43	45.60	-100	3.65	1817.0	80278.39	0.02	-0.05	-57.61	-120.31
WR-67	43	45.60	-100	1.25	1827.0	80276.15	0.03	-0.05	-58.91	-121.95
WR-68	43	47.35	-100	0.05	1823.0	80280.04	0.02	-0.04	-58.03	-120.93
WR-69	43	47.35	-100	2.45	1837.0	80279.82	0.03	-0.04	-56.93	-120.31
WR-70	43	49.10	-100	1.28	1821.0	80284.40	0.13	-0.03	-56.50	-119.21
M-1	43	24.95	-100	1.65	2034.0	80242.10	0.08	0.00	-42.39	-112.45
M-2	43	23.20	-100	1.65	2037.0	80241.62	0.18	0.03	-39.95	-109.99
M-3	43	26.65	-100	1.65	1956.0	80248.04	0.08	-0.02	-46.34	-113.74
M-4	43	28.45	-100	1.65	1943.0	80249.25	0.00	-0.04	-49.06	-116.12
M-5	43	29.30	-100	0.45	1929.0	80250.49	0.02	-0.04	-50.42	-116.97
M-6	43	29.05	-100	4.03	1932.0	80250.08	0.09	-0.04	-50.17	-116.76
M-7	43	29.30	-100	7.55	1935.0	80251.80	0.02	-0.04	-48.55	-115.30
M-8	43	29.30	-100	9.95	1978.0	80250.53	0.10	-0.03	-45.77	-113.92
M-9	43	29.30	-100	12.33	1978.0	80251.96	0.01	-0.03	-44.34	-112.58
M-10	43	28.70	-100	14.05	2027.0	80248.50	0.23	0.00	-42.29	-111.97
M-11	43	27.55	-100	11.10	2015.0	80246.48	0.01	-0.02	-43.71	-113.21
M-12	43	27.55	-100	8.75	2044.0	80243.90	0.03	0.00	-43.56	-114.02
M-13	43	26.65	-100	6.40	2042.0	80242.28	0.06	-0.01	-44.02	-114.38
M-14	43	24.95	-100	5.23	2024.0	80243.26	0.16	0.01	-42.17	-111.80
M-15	43	24.95	-100	7.55	2126.0	80237.43	0.01	0.03	-38.41	-111.68
M-16	43	24.95	-100	9.95	2229.0	80230.85	0.02	0.11	-35.30	-112.03
M-17	43	24.95	-100	12.33	2172.0	80235.36	0.02	0.04	-36.15	-110.99
M-18	43	26.90	-100	14.05	2093.0	80241.62	0.00	-0.01	-40.26	-112.44
M-19	43	23.20	-100	12.33	2148.0	80235.90	0.12	0.03	-35.23	-109.15
M-20	43	22.95	-100	14.05	2209.0	80231.64	0.01	0.03	-33.38	-109.51
M-21	43	22.33	-100	11.10	2205.0	80232.14	0.00	0.03	-32.32	-108.32
M-22	43	20.55	-100	12.33	2242.0	80228.21	0.03	0.05	-30.10	-107.32
M-23	43	18.85	-100	12.33	2381.0	80217.97	0.01	0.11	-24.71	-106.67
M-24	43	19.05	-100	14.05	2300.0	80223.10	0.00	0.07	-27.49	-106.72
M-25	43	17.33	-100	13.60	2395.0	80216.16	0.01	0.11	-22.91	-105.36
M-27	43	15.35	-100	11.10	2507.0	80209.25	0.00	0.15	-16.31	-102.58

M-28	43	15.35	-100	9.40	2462.0	80213.00	0.05	0.13	-16.79	-101.48
M-29	43	18.85	-100	9.95	2345.0	80221.12	0.03	0.10	-24.94	-105.66
M-30	43	17.10	-100	8.75	2568.0	80205.85	0.09	0.27	-16.61	-104.77
M-31	43	18.85	-100	7.55	2339.0	80220.98	0.00	0.11	-25.65	-106.17
M-32	43	20.55	-100	7.55	2217.0	80229.58	0.03	0.06	-31.08	-107.43
M-33	43	20.55	-100	9.05	2230.0	80229.07	0.01	0.05	-30.36	-107.19
M-34	43	22.33	-100	8.75	2177.0	80233.60	0.02	0.03	-33.50	-108.51
M-35	43	23.20	-100	6.40	2129.0	80237.25	0.00	0.02	-35.67	-109.06
M-36	43	23.20	-100	4.03	2100.0	80238.60	0.20	0.03	-37.05	-109.23
D-12	43	14.80	-99	35.95	2156.0	80224.60	0.07	0.08	-33.13	-107.33
D-11	43	14.80	-99	33.33	2218.0	80219.60	0.01	0.12	-32.31	-108.65
WSE-4	43	1.45	-99	47.47	2074.0	80225.99	0.05	0.05	-19.36	-90.78
WSE-5	43	3.20	-99	48.60	2256.0	80218.57	0.02	0.07	-12.30	-90.00
WSE-6	43	4.77	-99	48.60	2285.0	80217.22	0.06	0.08	-13.29	-91.93
WSE-7	43	6.68	-99	47.42	2321.0	80215.89	0.00	0.08	-14.11	-94.05
WSE-8	43	6.68	-99	52.17	2246.0	80222.71	0.00	0.03	-14.34	-91.75
WSE-9	43	5.80	-99	49.78	2236.0	80222.80	0.00	0.05	-13.87	-90.91
WSE-10	43	4.07	-99	50.98	2238.0	80218.22	0.06	0.06	-15.66	-92.70
WSE-11	43	1.47	-99	49.80	2188.0	80221.89	0.01	0.03	-12.77	-88.18
WSE-12	43	1.47	-99	52.17	2241.0	80217.74	0.01	0.03	-11.94	-89.17
WSW-1	43	2.33	-99	54.55	2234.0	80220.14	0.01	0.02	-11.49	-88.49
WSW-2	43	4.52	-99	53.37	2138.0	80218.01	0.23	0.02	-25.94	-99.42
WSW-3	43	6.68	-99	53.37	2234.0	80222.78	0.01	0.03	-15.40	-92.39
WSW-4	43	6.68	-99	55.75	2262.0	80220.90	0.07	0.04	-14.65	-92.53
WSW-5	43	4.95	-99	55.75	2242.0	80223.08	0.00	0.03	-11.74	-89.02
WSW-6	43	6.68	-99	58.10	2250.0	80222.75	0.02	0.03	-13.92	-91.45
WSW-7	43	4.95	-99	58.10	2182.0	80226.85	0.00	0.01	-13.62	-88.84
WSW-8	43	3.22	-99	56.92	2210.0	80222.67	0.00	0.01	-12.56	-88.75
WSW-9	43	3.22	-99	59.30	2306.0	80216.14	0.00	0.04	-10.06	-89.53
WSW-10	43	1.47	-99	59.30	2302.0	80214.96	0.02	0.04	-8.99	-88.29
WSW-11	43	1.47	-99	56.92	2323.0	80213.21	0.03	0.05	-8.76	-88.77
WSW-12	43	0.60	-99	54.55	2233.0	80218.98	0.03	0.04	-10.14	-87.07
C-1	43	15.35	-99	43.88	2305.0	80216.96	0.09	0.13	-27.59	-106.84
C-2	43	17.10	-99	43.88	2246.0	80223.58	0.01	0.12	-29.16	-106.46
C-3	43	18.83	-99	43.88	2164.0	80229.89	0.10	0.09	-33.16	-107.59
C-4	43	20.55	-99	43.88	2072.0	80236.73	0.02	0.05	-37.56	-108.94
C-5	43	21.42	-99	41.52	2041.0	80239.21	0.00	0.04	-39.30	-109.65
C-6	43	19.68	-99	41.52	2076.0	80236.46	0.00	0.06	-36.14	-107.67
C-7	43	17.95	-99	41.52	2201.0	80226.50	0.03	0.13	-31.75	-107.48
C-8	43	16.22	-99	41.52	2308.0	80217.62	0.01	0.16	-27.96	-107.36
C-9	43	16.22	-99	39.15	2293.0	80218.53	0.13	0.21	-28.46	-107.18
C-10	43	17.95	-99	39.15	2078.0	80234.17	0.01	0.07	-35.64	-107.22
C-11	43	19.68	-99	39.15	2048.0	80237.10	0.00	0.05	-38.14	-108.71
C-12	43	21.42	-99	39.15	1980.0	80243.32	0.02	0.02	-40.93	-109.17
CSE-1	43	21.42	-99	36.77	1958.0	80243.43	0.06	0.02	-42.89	-110.34
CSE-2	43	21.42	-99	34.40	1900.0	80245.57	0.00	0.00	-46.20	-111.73
CSE-3	43	21.42	-99	32.02	1939.0	80242.21	0.00	0.01	-45.89	-112.76
CSE-4	43	19.68	-99	30.85	1946.0	80240.32	0.00	0.03	-44.51	-111.59
CSE-5	43	19.68	-99	33.20	2005.0	80236.80	0.02	0.04	-42.48	-111.56
CSE-6	43	19.68	-99	35.57	2003.0	80238.23	0.06	0.04	-41.24	-110.21
CSE-7	43	17.95	-99	35.57	1997.0	80238.51	0.02	0.06	-38.92	-107.71
CSE-8	43	16.22	-99	35.57	2073.0	80231.25	0.02	0.07	-36.43	-107.82
CSE-9	43	16.22	-99	33.20	2102.0	80228.32	0.04	0.08	-36.63	-108.99
CSE-10	43	16.22	-99	30.85	2117.0	80227.01	0.04	0.09	-36.53	-109.40
CSE-11	43	17.93	-99	30.85	1977.0	80237.76	0.00	0.05	-41.52	-109.65
C-1	43	6.67	-99	24.92	2228.0	80208.85	0.10	0.12	-29.88	-106.48

C-2	43	4.93	-99	24.92	2194.0	80209.49	0.08	0.09	-29.82	-105.30
C-3	43	4.93	-99	22.52	2124.0	80214.22	0.05	0.08	-31.67	-104.78
C-4	43	6.67	-99	22.52	2142.0	80214.30	0.03	0.09	-32.51	-106.25
C-5	43	3.18	-99	22.52	2222.0	80206.96	0.01	0.11	-27.08	-103.57
C-6	43	3.18	-99	24.92	2279.0	80202.61	0.05	0.15	-26.07	-104.45
C-7	43	1.45	-99	23.70	2285.0	80202.00	0.02	0.16	-23.51	-102.12
C-8	43	0.58	-99	24.92	2168.0	80209.65	0.02	0.08	-25.56	-100.21
C-9	43	1.45	-99	27.27	2170.0	80208.89	0.03	0.08	-27.44	-102.15
C-10	43	3.18	-99	27.27	2247.0	80204.57	0.01	0.11	-27.12	-104.47
C-11	43	4.93	-99	27.27	2270.0	80204.60	0.02	0.12	-27.56	-105.69
C-12	43	6.67	-99	27.27	2236.0	80208.07	0.05	0.11	-29.91	-106.84
C-13	43	6.67	-99	29.65	2220.0	80209.90	0.03	0.09	-29.58	-106.01
C-14	43	4.93	-99	29.65	2267.0	80204.10	0.03	0.11	-28.34	-106.36
C-15	43	2.33	-99	29.65	2237.0	80204.85	0.03	0.10	-26.50	-103.50
C-16	43	0.58	-99	29.65	2172.0	80208.91	0.01	0.07	-25.92	-100.73
P-1	43	0.58	-99	32.03	2127.0	80213.85	0.02	0.06	-25.21	-98.48
P-2	43	2.32	-99	32.03	2237.0	80206.37	0.03	0.10	-24.97	-101.97
P-3	43	4.05	-99	32.03	2305.0	80202.58	0.01	0.13	-24.97	-104.30
P-4	43	5.78	-99	32.03	2299.0	80204.44	0.00	0.12	-26.27	-105.42
P-5	43	6.67	-99	34.40	2317.0	80203.85	0.01	0.12	-26.51	-106.26
P-6	43	6.67	-99	36.75	2336.0	80205.37	0.00	0.12	-23.20	-103.62
P-7	43	4.93	-99	35.58	2284.0	80206.46	0.04	0.10	-24.39	-102.99
P-8	43	3.18	-99	33.22	2205.0	80209.37	0.03	0.08	-26.27	-102.19
P-9	43	1.45	-99	33.22	2070.0	80218.14	0.06	0.09	-27.59	-98.82
P-10	43	3.18	-99	35.57	2266.0	80205.37	0.01	0.10	-24.53	-102.55
P-11	43	1.45	-99	33.55	2137.0	80214.78	0.03	0.06	-24.65	-98.25
P-12	43	0.58	-99	37.17	2210.0	80211.39	0.04	0.11	-19.87	-95.92
DSW-1	43	2.33	-99	38.28	2120.0	80218.22	0.10	0.08	-24.13	-97.06
DSW-2	43	0.48	-99	38.75	2184.0	80214.82	0.14	0.10	-18.73	-93.80
DSW-3	43	3.20	-99	40.30	2302.0	80207.82	0.05	0.11	-18.73	-97.93
DSW-4	43	4.92	-99	40.30	2371.0	80205.89	0.02	0.15	-16.76	-98.33
DSW-5	43	6.67	-99	40.30	2337.0	80209.53	0.01	0.11	-18.95	-99.40
DSW-6	43	5.78	-99	37.95	2345.0	80205.94	0.01	0.13	-20.45	-101.15
DSW-7	43	4.05	-99	37.95	2280.0	80205.10	0.03	0.09	-24.80	-103.29
DSW-8	43	6.67	-99	42.67	2407.0	80208.54	0.01	0.16	-13.36	-96.17
DSW-9	43	4.92	-99	42.67	2267.0	80214.96	0.07	0.08	-17.47	-95.48
DSW-10	43	3.20	-99	43.25	2267.0	80213.78	0.03	0.09	-16.06	-94.10
DSW-11	43	2.28	-99	42.17	2114.0	80221.37	0.07	0.05	-21.47	-94.25
DSW-12	43	0.70	-99	42.02	2021.0	80226.65	0.01	0.04	-22.56	-92.20
DSW-13	43	2.33	-99	44.45	2269.0	80213.21	0.02	0.09	-15.13	-93.25
WSE-1	43	2.33	-99	46.77	2202.0	80220.47	0.02	0.06	-14.17	-90.02
WSE-2	43	4.42	-99	45.05	2427.0	80206.46	0.04	0.19	-10.17	-93.61
WSE-3	43	6.68	-99	45.05	2375.0	80212.11	0.01	0.12	-12.81	-94.56
MI1	43	1.43	-100	22.40	2621.0	80196.23	0.04	0.08	2.34	-87.88
MI2	43	0.55	-100	21.33	2539.0	80201.65	0.08	0.05	1.37	-86.02
MI3	43	1.43	-100	21.33	2601.0	80197.49	0.00	0.08	1.71	-87.85
MI4	43	2.75	-100	22.40	2633.0	80195.28	0.04	0.10	0.53	-90.08
HSW	43	2.75	-100	23.60	2631.0	80196.07	0.03	0.09	1.13	-89.43
HSW2	43	2.75	-100	24.77	2609.0	80198.43	0.00	0.08	1.42	-88.42
HSW3	43	0.58	-100	24.78	2632.0	80195.91	0.01	0.08	4.33	-86.30
HSW4	43	2.75	-100	27.13	2658.0	80195.12	0.06	0.10	2.72	-88.73
HSW5	43	1.88	-100	27.13	2668.0	80193.76	0.05	0.09	3.61	-88.20
HSW6	43	2.75	-100	29.50	2679.0	80191.98	0.00	0.09	1.55	-90.69
HSW7	43	3.63	-100	27.13	2669.0	80194.57	0.05	0.10	1.88	-89.96
HSW8	43	4.48	-100	24.77	2600.0	80197.71	0.00	0.08	-2.75	-92.28
HSW9	43	6.23	-100	24.78	2538.0	80201.15	0.10	0.08	-7.77	-95.07

MI5	43	6.23	-100	22.40	2520.0	80201.36	0.01	0.07	-9.25	-96.04
MI6	43	6.23	-100	20.10	2450.0	80205.94	0.08	0.05	-11.25	-95.58
MI7	43	6.25	-100	17.83	2455.0	80205.14	0.02	0.05	-11.61	-96.17
MI8	43	6.23	-100	15.45	2470.0	80203.85	0.01	0.06	-11.46	-96.54
MI9	43	7.10	-100	16.65	2470.0	80204.10	0.01	0.06	-12.52	-97.60
MI10	43	9.45	-100	16.38	2372.0	80210.35	0.01	0.03	-19.02	-100.76
MI11	43	11.25	-100	15.20	2370.0	80211.10	0.01	0.05	-21.17	-102.82
MI12	43	11.25	-100	17.55	2350.0	80211.79	0.01	0.04	-22.36	-103.33
MI13	43	12.10	-100	18.75	2375.0	80210.40	0.00	0.05	-22.68	-104.51
MI14	43	12.98	-100	19.93	2410.0	80208.47	0.00	0.06	-22.64	-105.66
MI15	43	13.00	-100	22.28	2405.0	80212.65	0.01	0.05	-18.96	-101.81
MI16	43	14.72	-100	19.93	2473.0	80202.80	0.02	0.10	-25.01	-110.14
MI17	43	16.45	-100	19.93	2613.0	80192.33	0.02	0.24	-24.92	-114.72
MI18	43	19.08	-100	19.93	2331.0	80214.94	0.03	0.06	-32.78	-113.06
MI19	43	19.08	-100	22.28	2394.0	80207.93	0.00	0.09	-33.87	-116.31
MI20	43	19.08	-100	17.55	2306.0	80219.11	0.00	0.05	-30.97	-110.42
MI21	43	17.33	-100	17.55	2368.0	80213.01	0.01	0.08	-28.60	-110.15
MI22	43	19.05	-100	15.15	2328.0	80219.69	0.04	0.06	-28.27	-108.43
MI24	43	22.52	-100	17.55	2196.0	80230.03	0.00	0.01	-35.57	-111.28
MI25	43	21.83	-100	19.95	2274.0	80221.07	0.10	0.05	-36.15	-114.41
OK1	43	21.62	-100	23.33	2283.0	80217.85	0.01	0.05	-38.21	-116.86
OK2	43	21.68	-100	26.58	2402.0	80211.23	0.00	0.09	-33.73	-116.45
OK3	43	21.63	-100	27.98	2431.0	80211.25	0.18	0.11	-30.91	-114.42
OK4	43	19.08	-100	28.28	2598.0	80196.22	0.01	0.15	-26.40	-115.79
OK5	43	18.47	-100	28.27	2557.0	80198.98	0.00	0.12	-26.58	-114.59
OK6	43	19.08	-100	28.47	2582.0	80197.33	0.00	0.14	-26.80	-115.65
OK7	43	20.82	-100	25.35	2456.0	80205.98	0.14	0.12	-32.61	-117.01
OK8	43	19.07	-100	23.50	2437.0	80205.43	0.01	0.10	-32.31	-116.21
OK9	43	16.47	-100	28.27	2473.0	80207.05	0.00	0.07	-23.39	-108.57
HNW1	43	13.90	-100	28.25	2476.0	80209.33	0.01	0.06	-16.96	-102.24
HNW2	43	12.12	-100	28.25	2478.0	80209.68	0.00	0.06	-13.75	-99.11
HNW3	43	12.10	-100	25.88	2448.0	80212.69	0.00	0.06	-13.53	-97.85
HNW4	43	12.97	-100	24.70	2438.0	80213.41	0.02	0.05	-15.06	-99.03
HNW5	43	13.85	-100	25.88	2446.0	80213.60	0.10	0.06	-15.44	-99.60
HNW6	43	9.02	-100	24.68	2573.0	80199.60	0.16	0.11	-10.23	-98.64
HNW7	43	7.77	-100	24.77	2623.0	80194.24	0.01	0.12	-9.01	-99.28
DML1	43	12.95	-101	28.45	2965.0	80187.71	0.01	0.07	8.82	-93.26
DML2	43	12.95	-101	30.80	3016.0	80184.46	0.01	0.09	10.36	-93.45
DML3	43	12.95	-101	33.20	3077.0	80180.76	0.22	0.13	12.40	-93.26
DML4	43	12.05	-101	36.75	3087.0	80179.18	0.01	0.10	13.11	-93.13
DML5	43	13.40	-101	36.75	3130.0	80177.72	0.07	0.16	13.66	-93.93
DML6	43	14.70	-101	30.80	2943.0	80191.39	0.01	0.07	7.80	-93.53
DML7	43	16.40	-101	30.80	2934.0	80193.29	0.03	0.08	6.29	-94.69
DML8	43	18.15	-101	30.83	3000.0	80189.58	0.00	0.12	6.15	-97.09
DML9	43	18.15	-101	33.20	2966.0	80192.92	0.00	0.09	6.29	-95.81
DML10	43	18.15	-101	35.60	2925.0	80197.71	0.03	0.07	7.23	-93.45
DML11	43	16.40	-101	35.60	2985.0	80191.50	0.02	0.09	9.30	-93.44
DML12	43	14.70	-101	35.60	3108.0	80182.90	0.54	0.19	14.82	-91.52
DML12	43	15.50	-101	33.20	2970.0	80192.58	0.10	0.08	10.32	-91.83
DML14	43	15.50	-101	29.65	2933.0	80194.54	0.01	0.08	8.80	-92.17
DML15	43	15.50	-101	27.30	2940.0	80192.96	0.09	0.09	7.88	-93.24
DML16	43	15.50	-101	24.85	2933.0	80193.85	0.03	0.09	8.11	-92.83
DML17	43	15.50	-101	22.50	2976.0	80189.32	0.04	0.17	7.62	-94.70
DML18	43	17.25	-101	23.70	2955.0	80193.17	0.04	0.13	6.87	-94.78
DML19	43	19.00	-101	22.50	2894.0	80197.47	0.01	0.14	2.80	-96.77
DML20	43	20.72	-101	22.50	2838.0	80203.07	0.04	0.11	0.54	-97.10

DML21	43	22.47	-101	23.70	2710.0	80214.53	0.01	0.08	-2.67	-95.97
DML22	43	21.72	-101	19.85	2952.0	80194.40	0.78	0.22	1.08	-99.63
DML23	43	21.72	-101	17.75	2949.0	80194.29	0.24	0.21	0.69	-100.47
DML24	43	17.25	-101	26.10	2991.0	80190.99	0.00	0.13	8.07	-94.85
DML25	43	17.25	-101	28.45	2998.0	80190.04	0.01	0.12	7.78	-95.38
DML26	43	19.85	-101	30.92	3074.0	80186.44	0.02	0.20	7.41	-98.28
DML27	43	11.20	-101	29.65	2989.0	80182.99	0.00	0.07	8.99	-93.92
DML28	43	11.44	-101	32.00	3036.0	80180.05	0.05	0.08	10.11	-94.36
DML29	43	11.20	-101	34.40	3058.0	80179.16	0.04	0.09	11.65	-93.58
DML30	43	9.45	-101	34.40	3081.0	80175.23	0.00	0.09	12.51	-93.54
DML31	43	9.45	-101	36.75	3192.0	80167.28	0.29	0.17	15.00	-94.50
DML32	43	7.70	-101	36.75	3166.0	80165.14	0.15	0.12	13.05	-95.75
DML33	43	6.25	-101	36.75	3077.0	80169.51	0.01	0.07	11.23	-94.69
DML34	43	6.25	-101	33.85	3038.0	80170.48	0.04	0.07	8.54	-96.02
DML35	43	7.70	-101	33.20	3021.0	80174.28	0.04	0.07	8.56	-95.42
DML36	43	9.45	-101	32.00	3002.0	80179.01	0.00	0.06	8.87	-94.50
DML37	43	9.45	-101	29.65	3010.0	80179.46	0.03	0.07	10.07	-93.54
DML38	43	7.70	-101	29.65	3012.0	80177.85	0.00	0.06	11.28	-92.43
DML39	43	7.70	-101	26.10	3048.0	80175.28	0.04	0.09	12.09	-92.79
DML40	43	9.45	-101	27.30	2995.0	80180.68	0.01	0.07	9.88	-93.23
DML41	43	11.20	-101	26.10	2989.0	80183.26	0.02	0.08	9.26	-93.62
DML42	43	9.45	-101	24.85	2963.0	80183.22	0.00	0.07	9.41	-92.61
DML43	43	7.70	-101	22.60	3032.0	80177.07	0.02	0.10	12.38	-91.96
DML44	43	8.57	-101	21.30	2988.0	80181.83	0.01	0.09	11.69	-91.16
DML45	43	10.32	-101	21.30	2961.0	80184.98	0.05	0.08	9.67	-92.22
DML46	43	12.05	-101	22.50	2993.0	80184.46	0.00	0.10	9.56	-93.46
DML47	43	13.80	-101	22.50	2964.0	80188.21	0.03	0.12	7.95	-94.03
DML48	43	12.95	-101	20.15	3028.0	80182.32	0.01	0.15	9.35	-94.81
DML49	43	12.95	-101	17.75	3071.0	80179.10	0.02	0.18	10.17	-95.43
DML50	43	12.05	-101	16.55	3054.0	80180.11	0.01	0.17	10.94	-94.10
DML51	43	10.32	-101	16.55	2993.0	80182.01	0.00	0.11	9.71	-93.30
DML52	43	8.57	-101	15.35	2949.0	80183.48	0.00	0.09	9.68	-91.84
DML53	43	12.95	-101	23.70	2985.0	80186.16	0.00	0.10	9.15	-93.60
DML54	43	12.95	-101	26.10	2971.0	80187.22	0.01	0.08	8.89	-93.38
SL1	43	4.50	-101	32.05	3068.0	80167.46	0.02	0.09	10.97	-94.62
SL2	43	4.50	-101	34.45	3033.0	80168.82	0.09	0.09	9.04	-95.28
SL3	43	4.50	-101	29.65	3081.0	80170.15	0.01	0.09	14.88	-91.16
SL4	43	2.60	-101	29.30	3212.0	80160.79	0.01	0.14	20.70	-89.80
SL5	43	1.00	-101	29.45	3230.0	80159.26	0.00	0.14	23.27	-87.86
SL6	43	6.25	-101	29.65	3021.0	80176.26	0.04	0.07	12.72	-91.26
SL7	43	6.25	-101	27.40	3046.0	80175.35	0.01	0.08	14.16	-90.69
SL8	43	4.50	-101	26.20	3116.0	80170.43	0.00	0.11	18.45	-88.78
SL9	43	4.50	-101	22.60	3094.0	80172.79	0.00	0.11	18.74	-87.74
SL10	43	6.25	-101	21.45	3041.0	80178.57	0.01	0.10	16.91	-87.75
SL11	43	6.25	-101	23.80	3058.0	80175.82	0.00	0.10	15.76	-89.50
MS1	43	29.57	-100	16.17	2012.0	80249.00	0.04	-0.03	-44.51	-113.89
MS2	43	27.80	-100	17.53	2050.0	80245.46	0.01	-0.03	-41.82	-112.53
MS3	43	26.97	-100	19.98	2109.0	80237.82	0.00	-0.01	-42.66	-115.39
MS4	43	26.07	-100	17.53	2036.0	80243.18	0.08	-0.01	-42.81	-112.95
MS5	43	26.05	-100	15.25	2066.0	80242.73	0.03	-0.01	-40.41	-111.63
MS6	43	27.80	-100	15.22	2040.0	80244.71	0.07	-0.02	-43.51	-113.81
MS8	43	23.40	-100	19.95	2133.0	80231.23	0.04	0.01	-41.62	-115.12
MS9	43	25.15	-100	18.83	2089.0	80239.96	0.00	-0.01	-39.66	-111.70
MS10	43	24.30	-100	17.60	2122.0	80236.00	0.01	0.00	-39.23	-112.40
MS11	43	29.60	-100	19.87	2082.0	80246.36	0.04	0.00	-40.62	-112.37
MS12	43	28.72	-100	22.30	2096.0	80243.14	0.02	-0.01	-41.20	-113.46

MS13	43	29.60	-100	24.55	2090.0	80244.49	0.01	-0.01	-41.74	-113.81
MS14	43	28.75	-100	25.90	2162.0	80236.85	0.01	0.02	-41.33	-115.84
MS15	43	26.95	-100	25.97	2212.0	80230.04	0.06	0.07	-40.72	-116.86
MS16	43	29.58	-100	27.00	2128.0	80240.01	0.25	0.02	-42.61	-115.72
MS17	43	28.75	-100	28.25	2232.0	80229.82	0.03	0.03	-41.77	-118.67
MS18	43	26.00	-100	28.30	2361.0	80215.75	0.03	0.08	-39.57	-120.86
MS19	43	26.00	-100	30.65	2440.0	80209.50	0.01	0.11	-38.40	-122.39
MS20	43	24.25	-100	28.30	2464.0	80207.00	0.02	0.12	-36.01	-120.80
MS21	43	24.25	-100	33.05	2474.0	80208.18	0.03	0.10	-33.88	-119.04
MS22	43	24.25	-100	33.05	2395.0	80216.91	0.15	0.10	-32.58	-114.90
MS23	43	24.25	-100	35.55	2516.0	80209.57	0.01	0.11	-28.55	-115.15
MS24	43	26.00	-100	36.85	2477.0	80214.08	0.04	0.10	-30.34	-115.58
MS25	43	27.45	-100	36.70	2492.0	80210.61	0.01	0.12	-34.58	-120.35
MNW1	43	28.72	-100	37.93	2502.0	80210.96	0.00	0.14	-35.20	-121.31
MNW2	43	27.72	-100	39.13	2405.0	80221.46	0.01	0.08	-32.32	-115.14
MNW3	43	26.25	-100	39.57	2371.0	80222.85	0.10	0.05	-31.91	-113.50
MS26	43	27.75	-100	34.35	2378.0	80216.87	0.03	0.09	-39.49	-121.35
MS27	43	26.00	-100	33.82	2329.0	80220.26	0.26	0.10	-38.07	-118.01
MS28	43	27.75	-100	31.87	2300.0	80222.39	0.11	0.06	-41.31	-120.43
MS29	43	27.75	-100	29.47	2282.0	80224.57	0.01	0.05	-40.82	-119.43
MS30	43	29.38	-100	29.40	2200.0	80233.10	0.00	0.02	-42.45	-118.29
MNW4	43	25.12	-100	43.90	2445.0	80211.42	0.02	0.08	-34.68	-118.87
MNW5	43	23.67	-100	42.58	2447.0	80208.69	0.08	0.06	-35.04	-119.25
MNW6	43	26.85	-100	44.42	2309.0	80224.57	0.02	0.02	-36.92	-116.49
SLNE1	43	27.18	-100	46.58	2330.0	80223.60	0.08	0.06	-36.42	-116.60
MNW7	43	28.70	-100	44.38	2220.0	80233.92	0.04	-0.01	-38.73	-115.24
LBL1	43	35.70	-100	35.50	2208.0	80240.47	0.24	0.04	-43.85	-119.70
LBL2	43	37.35	-100	34.15	2162.0	80245.64	0.06	0.01	-45.49	-119.97
LBL3	43	37.35	-100	31.90	2079.0	80251.17	0.02	-0.02	-47.76	-119.46
LBL4	43	35.70	-100	30.55	2116.0	80247.21	0.09	-0.01	-45.76	-118.65
LBL5	43	33.85	-100	30.55	2150.0	80241.53	0.02	0.01	-45.46	-119.56
LBL6	43	32.15	-100	31.75	2193.0	80236.58	0.06	0.06	-43.80	-119.30
LBL7	43	32.15	-100	29.40	2000.0	80237.72	1.61	0.10	-60.81	-128.07
LBL8	43	34.70	-100	33.00	2139.0	80245.93	0.04	0.03	-43.37	-117.06
LBL9	43	33.50	-100	34.15	2296.0	80232.97	0.10	0.09	-39.76	-118.73
LBL10	43	32.15	-100	35.50	2360.0	80224.40	0.14	0.12	-40.28	-121.38
LBL11	43	30.25	-100	35.50	2481.0	80212.40	0.01	0.15	-38.04	-123.41
LBL12	43	30.05	-100	33.00	2291.0	80225.93	0.03	0.06	-42.07	-120.97
LBL13	43	30.05	-100	29.40	2166.0	80235.11	0.06	0.01	-44.65	-119.26
LBL14	43	30.40	-100	27.00	2122.0	80242.21	0.33	0.01	-42.21	-115.04
LBL15	43	32.15	-100	27.00	2142.0	80243.85	0.08	0.01	-41.33	-115.10
LBL16	43	32.15	-100	24.60	2176.0	80243.67	0.02	0.02	-38.31	-113.30
LBL17	43	33.95	-100	24.60	2173.0	80247.82	0.03	0.03	-37.15	-112.02
LBL18	43	35.70	-100	24.60	2163.0	80251.72	0.01	0.04	-36.83	-111.36
LBL19	43	37.35	-100	23.40	2201.0	80252.55	0.17	0.12	-34.91	-110.51
LBL20	43	37.35	-100	21.00	2078.0	80261.90	0.01	0.01	-37.13	-108.77
LBL21	43	37.35	-100	19.20	2034.0	80265.23	0.04	0.01	-37.93	-108.03
LBL22	43	35.70	-100	22.20	2083.0	80257.28	0.01	0.00	-38.79	-110.61
LBL23	43	33.95	-100	21.00	2068.0	80255.64	0.03	0.00	-39.21	-110.49
LBL24	43	32.15	-100	22.20	2142.0	80247.08	0.07	0.02	-38.10	-111.87
LBL25	43	31.50	-100	19.75	2012.0	80256.22	0.00	-0.03	-40.20	-109.62
LBL26	43	30.40	-100	22.20	2049.0	80250.61	0.07	-0.02	-40.68	-111.29
LBL27	43	32.15	-100	16.20	1982.0	80258.36	0.04	-0.04	-41.86	-110.21
LBL28	43	30.40	-100	16.20	2032.0	80252.10	0.04	-0.02	-40.78	-110.84
LBL29	43	30.85	-100	12.05	1959.0	80254.64	0.11	-0.04	-45.79	-113.28
LBL30	43	30.85	-100	9.60	1945.0	80254.76	0.10	-0.04	-46.98	-114.00

LBL31	43	32.60	-100	12.05	1955.0	80258.32	0.00	-0.04	-45.12	-112.58
LBL32	43	34.65	-100	9.60	1924.0	80262.86	0.01	-0.05	-46.58	-112.98
LBL33	43	36.05	-100	10.80	1980.0	80263.53	0.00	-0.01	-42.75	-111.05
LBL34	43	36.05	-100	13.15	2006.0	80262.75	0.01	0.00	-41.09	-110.26
LBL35	43	37.35	-100	10.80	1948.0	80267.89	0.01	-0.02	-43.36	-110.55
LBL36	43	34.48	-100	12.05	1992.0	80259.41	0.00	-0.02	-43.38	-112.10
K1	43	50.13	-101	31.30	2478.0	80266.21	0.24	0.05	-14.47	-99.60
K2	43	52.32	-101	31.35	2451.0	80273.85	0.10	0.01	-12.67	-97.05
K3	43	51.02	-101	32.48	2456.0	80270.46	0.10	0.01	-13.63	-98.18
K4	43	51.02	-101	34.90	2443.0	80273.03	0.08	-0.01	-12.28	-96.42
K5	43	51.02	-101	37.28	2437.0	80275.79	0.02	-0.03	-10.08	-94.10
K6	43	49.28	-101	34.90	2396.0	80272.61	0.00	-0.04	-14.50	-97.13
K7	43	47.95	-101	34.90	2496.0	80264.16	0.08	0.08	-11.54	-97.42
K8	43	48.87	-101	32.40	2426.0	80267.75	0.04	-0.01	-15.92	-99.52
K9	43	46.70	-101	36.33	2320.0	80276.57	0.01	-0.06	-13.79	-93.83
K10	43	45.25	-101	35.78	2184.0	80283.51	0.01	-0.08	-17.45	-92.83
K11	43	47.53	-101	31.93	2369.0	80269.28	0.09	-0.03	-17.73	-99.34
K12	43	45.80	-101	31.63	2177.0	80278.83	0.08	-0.06	-23.62	-98.67
O1	43	45.80	-100	46.00	2208.0	80256.05	0.05	0.15	-43.49	-119.42
O2	43	47.60	-100	46.00	2246.0	80257.28	0.09	0.12	-41.40	-118.63
O3	43	49.30	-100	45.78	2058.0	80272.85	0.04	-0.01	-46.06	-117.00
O4	43	51.05	-100	46.00	2193.0	80266.71	0.00	0.02	-42.15	-117.74
O5	43	52.75	-100	46.00	2314.0	80262.58	0.00	0.10	-37.46	-117.14
O6	43	52.75	-100	48.40	2278.0	80265.18	0.01	0.07	-38.25	-116.71
O7	43	51.90	-100	50.75	2307.0	80261.82	0.01	0.08	-37.60	-117.05
O8	43	50.20	-100	50.75	2254.0	80262.18	0.04	0.07	-39.66	-117.27
O9	43	48.35	-100	50.75	2211.0	80262.07	0.03	0.11	-41.03	-117.12
O10	43	46.55	-100	50.00	2036.0	80270.60	0.28	0.00	-46.24	-116.17
O11	43	49.02	-100	53.00	2104.0	80271.00	0.11	0.03	-43.17	-115.58
O12	43	52.75	-100	52.20	2346.0	80261.24	0.02	0.11	-35.80	-116.55
O13	43	53.50	-100	54.29	2372.0	80262.03	0.15	0.16	-33.69	-115.16
O14	43	52.55	-100	58.00	2349.0	80261.90	0.09	0.16	-34.55	-115.29
O15	43	51.05	-100	58.08	2122.0	80274.39	0.15	0.01	-41.14	-114.16
O16	43	52.90	-100	55.53	2176.0	80271.33	0.51	0.03	-41.92	-116.41
O17	43	50.20	-100	55.53	1957.0	80282.94	0.17	0.00	-46.83	-114.15
O18	43	54.50	-100	53.00	2220.0	80272.68	0.01	0.02	-38.84	-115.35
O19	43	54.50	-100	56.65	2232.0	80273.68	0.07	0.02	-36.71	-113.58
O20	43	56.25	-100	56.65	2212.0	80278.50	0.00	0.01	-36.41	-112.67
O21	43	58.00	-100	56.60	2137.0	80288.11	0.03	-0.02	-36.49	-110.17
O22	43	58.00	-100	59.10	2199.0	80283.26	0.01	0.01	-35.51	-111.31
O23	43	59.70	-100	58.00	2217.0	80286.21	0.01	0.04	-33.43	-109.82
O24	43	56.25	-100	54.47	2120.0	80284.71	0.09	0.00	-38.85	-111.86
O25	43	56.25	-100	51.92	2194.0	80279.87	0.00	0.02	-36.73	-112.36
O26	43	58.65	-100	51.92	2129.0	80291.22	0.01	0.00	-35.11	-108.51
O27	43	59.70	-100	54.42	2107.0	80295.00	0.02	0.00	-34.98	-107.62
O28	43	59.70	-100	49.50	2004.0	80302.67	0.00	-0.01	-37.00	-106.12
O29	43	58.00	-100	44.50	2146.0	80288.07	0.05	0.02	-35.68	-109.61
O30	43	56.25	-100	47.10	2276.0	80274.68	0.06	0.09	-34.21	-112.53
O31	43	58.00	-100	46.00	2196.0	80288.51	0.00	0.04	-30.54	-106.22
O32	43	59.70	-100	46.00	2238.0	80287.24	0.05	0.11	-30.43	-107.43
O33	43	55.33	-100	46.00	2267.0	80272.64	0.02	0.07	-35.71	-113.78
O34	43	56.25	-100	49.50	2211.0	80278.89	0.00	0.03	-36.11	-112.32
O35	43	54.50	-100	50.75	2282.0	80268.96	0.01	0.06	-36.73	-115.34
K1	43	51.90	-101	28.92	2457.0	80270.69	0.07	0.03	-14.63	-99.23
K2	43	51.05	-101	26.55	2345.0	80274.25	0.05	-0.03	-20.32	-101.14
K3	43	51.05	-101	24.20	2377.0	80270.43	0.01	0.00	-21.13	-103.07

K4	43	49.30	-101	22.67	2352.0	80268.69	0.12	0.01	-22.58	-103.54
K5	43	46.98	-101	21.67	2068.0	80283.86	0.01	-0.03	-30.62	-101.95
K6	43	50.50	-101	21.85	2425.0	80264.91	0.02	0.05	-21.31	-104.83
K7	43	50.20	-101	19.33	2349.0	80268.82	0.10	0.00	-24.09	-104.97
K8	43	50.25	-101	17.00	2332.0	80268.83	0.01	0.00	-25.76	-106.14
K9	43	47.48	-101	15.55	2195.0	80275.42	0.88	-0.02	-27.87	-102.69
K10	43	45.95	-101	15.55	2244.0	80268.12	0.04	-0.02	-28.26	-105.61
K11	43	46.00	-101	19.05	2294.0	80264.91	0.21	0.03	-26.84	-105.69
K12	43	51.95	-101	17.00	2335.0	80270.23	0.06	0.00	-26.63	-107.08
K13	43	53.65	-101	17.00	2343.0	80270.83	0.04	0.01	-27.84	-108.57
K14	43	55.40	-101	17.00	2223.0	80281.15	0.28	-0.02	-31.44	-107.83
K15	43	57.10	-101	17.00	2323.0	80277.90	0.03	0.01	-27.86	-107.90
K16	43	58.85	-101	17.00	2280.0	80286.19	0.02	0.00	-26.25	-104.83
K17	43	57.10	-101	19.37	2323.0	80279.19	0.03	0.00	-26.57	-106.62
K18	43	55.40	-101	20.60	2354.0	80275.93	0.01	0.01	-24.35	-105.48
K19	43	53.65	-101	19.37	2355.0	80271.74	0.02	0.01	-25.81	-106.97
K20	43	51.95	-101	19.37	2425.0	80265.58	0.02	0.04	-22.82	-106.36
M1	43	55.33	-100	39.95	2369.0	80269.00	0.03	0.17	-29.76	-111.23
M2	43	54.65	-100	37.50	2345.0	80270.03	0.12	0.15	-29.96	-110.54
M3	43	57.10	-100	39.95	2250.0	80281.14	0.02	0.10	-31.48	-108.94
M4	43	58.83	-100	39.95	2076.0	80297.19	0.02	0.02	-34.40	-105.94
M5	43	59.70	-100	37.50	2089.0	80299.35	0.01	0.02	-32.32	-104.33
M6	43	59.70	-100	42.30	1955.0	80306.42	0.10	0.01	-37.85	-105.17
M7	43	58.00	-100	42.30	2173.0	80287.64	0.02	0.05	-33.57	-108.43
M8	43	56.25	-100	42.30	2224.0	80280.49	0.05	0.07	-33.29	-109.85
M9	43	54.60	-100	42.30	2251.0	80272.99	0.08	0.07	-35.77	-113.23
M10	43	53.50	-100	41.00	2321.0	80267.14	0.01	0.12	-33.38	-113.27
M11	43	54.50	-100	44.75	2222.0	80273.39	0.13	0.06	-37.94	-114.37
M12	43	53.37	-100	43.50	2275.0	80267.68	0.03	0.07	-36.97	-115.30
M13	43	52.75	-100	39.95	2268.0	80268.48	0.01	0.08	-35.89	-114.00
M14	43	52.75	-100	37.50	2286.0	80269.35	0.01	0.11	-33.33	-112.02
M15	43	51.90	-100	42.30	2227.0	80267.89	0.02	0.05	-39.05	-115.77
M16	43	51.05	-100	39.95	2146.0	80272.30	0.07	0.02	-40.98	-114.89
M17	43	50.20	-100	42.30	2207.0	80263.64	0.02	0.07	-42.62	-118.63
M18	43	48.35	-100	41.55	2157.0	80262.75	0.03	0.07	-45.42	-119.70
M20	43	45.80	-100	42.30	2073.0	80261.82	0.41	0.04	-50.41	-121.45
M21	43	45.15	-100	38.70	1750.0	80282.50	0.05	-0.03	-59.12	-119.47
W1	43	44.95	-100	40.95	1882.0	80272.44	0.03	-0.07	-56.47	-121.42
W2	43	43.25	-100	40.85	1765.0	80277.33	0.08	-0.04	-60.02	-120.86
W3	43	44.48	-100	44.72	1827.0	80275.47	0.29	0.05	-57.90	-120.58
W4	43	43.23	-100	42.92	1751.0	80277.58	0.08	0.02	-61.05	-121.35
W5	43	43.27	-100	38.92	1800.0	80276.93	0.19	-0.05	-57.16	-119.10
W6	43	41.72	-100	37.72	1810.0	80273.96	0.26	0.01	-56.85	-119.01
W7	43	40.07	-100	39.22	1851.0	80267.41	0.05	-0.02	-57.06	-120.87
W8	43	38.25	-100	40.78	1878.0	80259.82	0.03	-0.01	-59.37	-124.12
WRSW1	43	36.53	-100	41.47	1893.0	80256.28	0.23	0.04	-58.91	-123.93
WRSW2	43	35.23	-100	38.98	2260.0	80232.39	0.10	0.08	-46.33	-124.07
WRSW3	43	36.10	-100	43.62	1890.0	80257.17	0.25	0.04	-57.65	-122.55
WRSW4	43	36.72	-100	44.97	2094.0	80244.85	0.02	-0.03	-51.72	-123.94
W9	43	38.25	-100	44.57	2218.0	80239.73	0.01	0.04	-47.49	-123.92
W10	43	40.00	-100	42.78	2175.0	80242.22	0.01	0.06	-51.68	-126.61
W11	43	41.72	-100	42.60	2003.0	80260.62	0.01	-0.04	-52.04	-121.15
WRSW5	43	33.90	-100	44.97	2095.0	80245.08	0.02	-0.04	-47.15	-119.42
WRSW6	43	33.90	-100	42.58	2157.0	80238.41	0.05	-0.02	-47.99	-122.34
WRSW7	43	33.48	-100	40.38	2077.0	80242.37	0.35	0.07	-50.92	-122.13
WRSW8	43	32.20	-100	38.15	2416.0	80217.71	0.02	0.14	-41.78	-124.91

WRSW9	43	31.67	-100	37.77	2447.0	80213.82	0.07	0.15	-41.96	-126.09
WRSW10	43	31.67	-100	40.15	2279.0	80227.40	0.02	0.05	-44.17	-122.68
WRSW11	43	32.17	-100	42.58	2192.0	80236.87	0.11	0.00	-43.64	-119.11
WRSW12	43	30.78	-100	44.80	2013.0	80250.33	0.43	0.06	-44.91	-113.84
M22	43	39.10	-100	46.80	2180.0	80243.22	0.03	0.02	-48.85	-123.97
M23	43	41.10	-100	47.35	1960.0	80261.80	0.06	-0.05	-53.97	-121.56
M24	43	42.58	-100	48.60	2157.0	80251.64	0.03	0.02	-47.84	-122.17
M25	43	42.58	-100	51.00	2223.0	80248.47	0.02	0.02	-44.80	-121.41
M26	43	43.50	-100	53.35	2236.0	80250.44	0.04	0.03	-43.00	-120.02
M27	43	41.75	-100	53.35	2227.0	80247.42	0.14	0.00	-44.23	-120.87
M28	43	41.75	-100	55.80	2258.0	80246.19	0.03	0.00	-42.54	-120.37
M29	43	41.65	-100	58.85	2362.0	80240.40	0.18	0.05	-38.40	-119.60
M30	43	40.85	-100	52.20	2190.0	80248.57	0.01	-0.01	-45.20	-120.71
M31	43	39.10	-100	52.15	2245.0	80241.71	0.09	0.02	-44.25	-121.55
M32	43	37.25	-100	46.30	2244.0	80238.90	0.09	0.07	-44.37	-121.58
M33	43	32.15	-100	46.30	2162.0	80244.35	0.15	-0.01	-38.95	-113.36
M34	43	30.40	-100	46.30	2276.0	80234.98	0.09	0.03	-34.96	-113.31
M35	43	34.25	-100	47.35	2098.0	80249.03	0.09	-0.04	-43.45	-115.74
M36	43	36.20	-100	48.88	2294.0	80235.54	0.44	0.11	-41.45	-119.99
M37	43	37.35	-100	51.00	2095.0	80249.55	0.07	-0.05	-47.88	-120.10
M38	43	34.80	-100	49.75	2238.0	80237.11	0.51	0.04	-43.03	-119.65
M39	43	34.80	-100	52.20	2311.0	80232.14	0.19	0.06	-41.14	-120.56
M40	43	34.70	-100	57.60	2292.0	80236.72	0.00	-0.02	-38.20	-117.24
M41	43	36.40	-100	58.85	2195.0	80243.25	0.01	-0.03	-43.35	-119.05
M42	43	33.15	-100	47.25	2299.0	80231.79	1.01	0.18	-40.13	-118.20
M43	43	34.80	-100	54.55	2261.0	80238.55	0.08	-0.02	-39.43	-117.33
PR1	43	44.25	-101	31.75	2281.0	80272.21	0.14	-0.05	-18.13	-96.68
PR2	43	44.55	-101	29.05	2105.0	80282.21	0.11	-0.03	-25.13	-97.63
PR3	43	43.40	-101	34.90	2346.0	80269.18	0.10	-0.04	-13.77	-94.59
PR4	43	42.50	-101	32.50	2362.0	80265.65	0.03	-0.03	-14.44	-95.86
PR5	43	41.60	-101	30.00	2483.0	80255.57	0.02	0.06	-11.78	-97.29
PR6	43	40.75	-101	32.50	2539.0	80251.83	0.02	0.08	-8.98	-96.39
PR7	43	39.00	-101	30.15	2349.0	80261.28	0.01	-0.04	-14.75	-95.77
PR8	43	37.25	-101	30.25	2420.0	80254.82	0.04	0.03	-11.90	-95.26
PR9	43	35.55	-101	30.95	2756.0	80229.92	0.03	0.19	-2.65	-97.41
PR10	43	34.70	-101	32.50	2703.0	80232.83	0.00	0.08	-3.45	-96.52
PR11	43	34.70	-101	36.05	2680.0	80235.07	0.01	0.05	-3.37	-95.67
PR12	43	32.95	-101	37.25	2761.0	80225.57	0.06	0.08	-2.62	-97.62
PR13	43	31.20	-101	37.15	2893.0	80215.07	0.32	0.18	1.93	-97.26
PR14	43	30.35	-101	34.90	2700.0	80226.97	0.04	0.08	-3.03	-95.97
PR15	43	30.35	-101	30.00	2595.0	80232.64	0.00	0.02	-7.24	-96.66
PR16	43	31.20	-101	32.50	2670.0	80229.28	0.03	0.04	-4.83	-96.78
PR17	43	32.95	-101	32.50	2785.0	80223.57	0.01	0.12	-2.36	-98.20
PR18	43	32.00	-101	30.05	2706.0	80227.30	0.02	0.08	-4.63	-97.78
PR19	43	31.20	-101	26.50	2585.0	80232.37	0.00	0.02	-9.73	-98.80
PR20	43	31.20	-101	24.03	2549.0	80232.28	0.02	0.02	-13.20	-101.02
PR21	43	32.05	-101	21.65	2655.0	80223.91	0.02	0.07	-12.89	-104.30
PR22	43	32.05	-101	18.85	2677.0	80222.10	0.02	0.09	-12.63	-104.78
PR23	43	31.20	-101	16.15	2595.0	80227.32	0.01	0.05	-13.84	-103.22
PR24	43	33.60	-101	18.80	2778.0	80214.94	0.02	0.22	-12.63	-108.12
PR25	43	34.85	-101	21.55	2790.0	80219.55	0.01	0.25	-8.77	-104.66
PR26	43	36.20	-101	20.60	2679.0	80228.29	0.06	0.20	-12.50	-104.57
PR27	43	36.55	-101	23.05	2787.0	80222.94	0.04	0.38	-8.22	-103.85
PR28	43	33.80	-101	22.80	2586.0	80232.28	0.01	0.05	-13.64	-102.71
PR29	43	33.80	-101	25.25	2475.0	80242.74	0.11	0.01	-13.61	-98.81
PR30	43	34.20	-101	27.70	2548.0	80239.96	0.06	0.02	-10.13	-97.88

PR31	43	34.70	-101	30.00	2612.0	80237.32	0.01	0.05	-7.51	-97.48
MC1	43	55.33	-100	35.25	2352.0	80272.35	0.13	0.18	-28.01	-108.79
MC2	43	57.10	-100	35.25	2202.0	80286.28	0.02	0.07	-30.85	-106.69
MC3	43	58.80	-100	35.25	2172.0	80292.05	0.02	0.06	-30.46	-105.28
MC4	43	58.80	-100	31.50	2278.0	80286.85	0.01	0.14	-25.70	-104.09
MC5	43	58.80	-100	29.22	2165.0	80295.32	0.01	0.06	-27.85	-102.43
MC6	43	58.80	-100	26.80	2108.0	80299.66	0.00	0.04	-28.87	-101.52
MC7	43	58.80	-100	24.50	2090.0	80300.07	0.00	0.04	-30.15	-102.19
MC8	43	57.10	-100	23.30	2070.0	80297.25	0.09	0.03	-32.29	-103.55
MC9	43	57.10	-100	25.60	2107.0	80294.54	0.00	0.04	-31.52	-104.14
MC10	43	57.10	-100	28.00	2141.0	80292.53	0.05	0.05	-30.34	-104.06
MC11	43	57.10	-100	30.33	2177.0	80289.57	0.03	0.07	-29.91	-104.88
MC12	43	58.00	-100	32.75	2304.0	80282.07	0.04	0.15	-26.83	-106.07
MC13	43	56.25	-100	32.75	2273.0	80280.10	0.01	0.11	-29.08	-107.32
MC14	43	54.80	-100	32.75	2249.0	80279.03	0.01	0.09	-30.22	-107.66
MC15	43	55.10	-100	29.22	2159.0	80287.07	0.02	0.05	-31.09	-105.47
MC16	43	55.10	-100	26.80	2053.0	80294.71	0.06	0.02	-33.42	-104.13
MC17	43	54.98	-100	24.50	2003.0	80297.53	0.00	0.00	-35.12	-104.19
MC18	43	53.60	-100	24.50	2134.0	80286.35	0.06	0.06	-31.90	-105.36
MC19	43	51.90	-100	24.50	2173.0	80279.82	0.07	0.11	-32.20	-106.95
MC20	43	51.00	-100	23.30	1978.0	80290.49	0.01	0.00	-38.51	-106.71
MC21	43	49.30	-100	23.30	1982.0	80286.55	0.16	-0.01	-39.51	-107.71
MC22	43	50.20	-100	25.60	2004.0	80286.94	0.00	-0.01	-38.41	-107.53
MC23	43	51.00	-100	28.00	2163.0	80278.51	0.02	0.07	-33.09	-107.59
MC24	43	51.90	-100	29.22	2244.0	80274.85	0.09	0.13	-30.50	-107.65
MC25	43	52.75	-100	26.80	2173.0	80281.12	0.01	0.07	-32.18	-107.03
MC26	43	53.60	-100	29.22	2193.0	80281.40	0.00	0.07	-31.30	-106.85
MC27	43	53.60	-100	31.50	2278.0	80275.33	0.09	0.14	-29.38	-107.69
MC28	43	53.60	-100	32.25	2179.0	80279.89	0.18	0.07	-34.13	-109.01
MC29	43	51.90	-100	36.40	2251.0	80270.10	0.12	0.10	-34.59	-111.98
MC30	43	51.00	-100	33.93	2096.0	80280.44	0.00	0.01	-37.46	-109.73
MC31	43	51.90	-100	31.50	2076.0	80285.83	0.02	0.03	-35.31	-106.85
MC32	43	50.20	-100	29.92	2132.0	80279.21	0.05	0.05	-34.10	-107.52
MC33	43	48.35	-100	28.00	1992.0	80284.78	0.14	-0.02	-38.91	-107.49
MC34	43	48.35	-100	25.60	1976.0	80285.55	0.03	-0.03	-39.64	-107.79
MC35	43	46.65	-100	26.50	1974.0	80280.46	0.03	-0.02	-42.36	-110.43
MC36	43	45.50	-100	26.50	1915.0	80282.28	0.06	-0.04	-44.35	-110.38
MC37	43	44.05	-100	24.50	1725.0	80291.69	0.03	-0.06	-50.62	-110.16
MC38	43	44.20	-100	27.25	1765.0	80287.23	0.21	-0.07	-51.55	-112.29
MC39	43	48.35	-100	29.92	1933.0	80282.78	0.20	-0.03	-46.46	-112.95
MC40	43	49.30	-100	32.75	1897.0	80284.39	0.39	0.03	-49.66	-114.67
MC41	43	47.60	-100	32.75	1966.0	80274.53	0.15	-0.02	-50.47	-118.15
MC42	43	46.05	-100	32.75	2010.0	80268.16	0.24	0.02	-50.37	-119.43
MC43	43	44.90	-100	30.55	1863.0	80278.04	0.03	-0.06	-52.58	-116.87
MC44	43	46.15	-100	35.25	1742.0	80288.14	0.04	-0.01	-55.74	-115.80
MC45	43	45.80	-100	36.92	1741.0	80286.60	0.19	0.00	-56.85	-116.71
MC46	43	43.42	-100	35.50	1946.0	80269.39	0.01	-0.06	-51.19	-118.36
MC47	43	41.60	-100	36.60	2075.0	80256.73	0.23	0.02	-48.98	-120.29
MC48	43	40.45	-100	35.50	2148.0	80250.28	0.08	0.05	-46.84	-120.77
MC49	43	40.45	-100	33.00	2153.0	80252.78	0.10	0.05	-43.87	-117.96
MC50	43	42.50	-100	33.00	2039.0	80264.41	0.04	0.00	-46.04	-116.32
MC51	43	40.45	-100	30.55	2106.0	80258.75	0.02	0.02	-42.32	-114.90
MC52	43	39.10	-100	31.75	2081.0	80256.69	0.02	-0.02	-44.69	-116.45
MC53	43	39.10	-100	34.15	2119.0	80251.57	0.01	0.00	-46.24	-119.30
MN1	43	9.47	-101	54.62	3306.0	80157.23	0.00	0.11	15.63	-98.13
MN2	43	9.47	-101	57.00	3344.0	80153.14	0.04	0.12	15.12	-99.90

MN3	43	7.80	-101	55.80	3265.0	80157.00	0.00	0.10	14.06	-98.30
MN4	43	6.55	-101	57.20	3311.0	80152.01	0.04	0.12	15.28	-98.60
MN5	43	7.80	-101	53.42	3260.0	80158.26	0.01	0.11	14.85	-97.32
MN6	43	7.15	-101	51.87	3240.0	80159.46	0.05	0.11	15.15	-96.29
MN7	43	7.15	-101	48.35	3191.0	80164.46	0.00	0.09	15.54	-94.29
MN8	43	6.15	-101	45.95	3222.0	80161.74	0.07	0.12	17.24	-93.55
MN9	43	7.80	-101	46.25	3203.0	80164.90	0.00	0.10	16.13	-94.10
MN10	43	8.60	-101	47.50	3252.0	80162.86	0.06	0.12	17.50	-94.34
MN11	43	9.47	-101	46.25	3280.0	80162.23	0.01	0.14	18.19	-94.64
MN12	43	8.60	-101	43.88	3215.0	80165.80	0.01	0.11	16.96	-93.67
MN13	43	7.15	-101	43.75	3203.0	80164.53	0.00	0.10	16.74	-93.49
MN14	43	5.40	-101	43.13	3182.0	80163.71	0.01	0.10	16.58	-92.92
MN15	43	3.67	-101	42.15	3244.0	80159.11	0.01	0.12	20.41	-91.20
MN16	43	1.90	-101	42.15	3287.0	80156.28	0.01	0.13	24.29	-88.79
MN17	43	0.15	-101	42.45	3293.0	80158.41	0.03	0.11	29.62	-83.67
MN18	43	7.15	-101	40.35	3182.0	80164.60	0.03	0.11	14.84	-94.63
MN19	43	7.15	-101	37.95	3165.0	80165.05	0.16	0.12	13.69	-95.06
MN20	43	6.25	-101	39.15	3151.0	80165.37	0.08	0.10	14.05	-94.32
MN21	43	10.00	-101	37.95	3083.0	80178.35	0.00	0.09	14.99	-91.13
MN22	43	8.65	-101	39.15	3192.0	80166.69	0.00	0.13	15.61	-94.22
MN23	43	10.30	-101	40.48	3222.0	80167.74	0.02	0.15	17.00	-93.82
MN24	43	9.37	-101	41.52	3234.0	80165.19	0.06	0.14	16.98	-94.22
MA1	43	22.80	-101	43.22	2765.0	80215.37	0.01	0.05	2.85	-92.38
MA2	43	25.97	-101	45.10	2786.0	80216.19	0.01	0.05	0.87	-95.08
MA3	43	27.70	-101	43.85	2924.0	80207.35	0.03	0.12	2.40	-98.20
MA4	43	29.45	-101	43.85	2911.0	80209.07	0.06	0.15	0.26	-99.84
MA5	43	24.20	-101	45.10	2727.0	80217.64	0.02	0.04	-0.56	-94.48
MA6	43	24.20	-101	43.25	2797.0	80213.25	0.00	0.05	1.63	-94.71
MA7	43	25.10	-101	47.50	2770.0	80215.85	0.03	0.02	0.33	-95.07
MA8	43	25.10	-101	49.92	2806.0	80213.47	0.02	0.03	1.34	-95.31
MA9	43	23.35	-101	51.10	2876.0	80208.01	0.02	0.06	5.09	-93.93
MA10	43	25.10	-101	52.25	2839.0	80211.62	0.03	0.05	2.59	-95.16
MA11	43	26.85	-101	52.25	2812.0	80213.72	0.00	0.03	-0.48	-97.35
MA12	43	28.60	-101	52.50	2837.0	80212.82	0.08	0.04	-1.67	-99.31
MA13	43	24.30	-101	54.10	3072.0	80195.25	0.14	0.17	9.33	-96.20
MA14	43	24.20	-101	55.75	3022.0	80198.89	0.15	0.12	8.42	-95.43
MA15	43	22.50	-101	55.55	3139.0	80189.87	0.02	0.18	12.96	-94.98
MA16	43	25.97	-101	56.15	3065.0	80196.00	0.06	0.15	6.91	-98.48
MA17	43	27.72	-101	56.03	2944.0	80205.87	0.06	0.07	2.77	-98.54
MA18	43	27.72	-101	58.42	2946.0	80193.41	0.03	0.07	-9.51	-110.91
MA19	43	29.55	-101	55.48	2805.0	80217.71	0.00	0.03	-1.22	-97.85
MR1	43	12.12	-101	43.87	3314.0	80164.32	0.04	0.22	19.49	-94.40
MR2	43	13.65	-101	42.17	3225.0	80169.30	0.07	0.22	13.80	-97.00
MR3	43	15.50	-101	41.75	2972.0	80191.60	0.06	0.11	9.53	-92.70
MR4	43	17.60	-101	42.22	3203.0	80176.83	0.45	0.30	13.31	-96.27
MR5	43	19.95	-101	42.27	2958.0	80198.89	0.10	0.09	8.80	-92.93
MR6	43	21.65	-101	42.12	2816.0	80211.07	0.03	0.05	5.07	-91.89
MR7	43	11.90	-101	38.95	3192.0	80172.43	0.14	0.17	16.46	-93.19
MR8	43	12.10	-101	41.50	3218.0	80171.07	0.02	0.16	17.24	-93.43
MR9	43	12.12	-101	46.25	3341.0	80160.83	0.10	0.20	18.54	-96.24
MR10	43	12.12	-101	48.68	3355.0	80159.48	0.06	0.19	18.50	-96.80
MR11	43	13.85	-101	48.67	3345.0	80163.25	0.06	0.21	18.73	-96.21
MR12	43	15.13	-101	48.40	3339.0	80164.80	0.08	0.26	17.79	-96.88
MR13	43	10.30	-101	47.47	3292.0	80162.57	0.00	0.14	18.41	-94.84
MR14	43	9.48	-101	49.90	3244.0	80162.92	0.09	0.12	15.48	-96.05
MR15	43	10.35	-101	52.25	3332.0	80158.14	0.03	0.15	17.66	-96.92

MR16	43	12.12	-101	51.05	3392.0	80157.00	0.00	0.20	19.50	-97.12
MR17	43	12.12	-101	53.40	3389.0	80156.50	0.00	0.18	18.72	-97.82
MR18	43	11.23	-101	54.62	3349.0	80157.05	0.03	0.15	16.85	-98.32
MR19	43	12.97	-101	55.80	3405.0	80154.72	0.00	0.18	17.16	-99.93
MR20	43	13.00	-101	54.92	3451.0	80151.35	0.08	0.23	18.07	-100.47
MR21	43	11.22	-101	59.40	3444.0	80146.96	0.09	0.18	15.70	-102.64
MR22	43	15.60	-101	58.22	3474.0	80154.32	0.23	0.27	19.29	-99.85
MR23	43	14.70	-101	57.00	3357.0	80160.39	0.06	0.17	15.72	-99.68
MR24	43	14.70	-101	54.62	3400.0	80157.64	0.00	0.21	17.01	-99.88
MR25	43	15.85	-101	54.62	3382.0	80161.96	0.07	0.22	17.90	-98.29
MR26	43	16.76	-101	52.88	3261.0	80173.53	0.04	0.16	16.73	-95.40
MR27	43	16.60	-101	50.52	3246.0	80174.19	0.09	0.16	16.22	-95.34
MR28	43	16.38	-101	48.60	3089.0	80184.91	0.14	0.19	12.51	-93.58
MR29	43	18.20	-101	54.65	3363.0	80167.05	0.19	0.27	17.67	-97.70
MR30	43	18.20	-101	52.25	3311.0	80170.67	0.02	0.24	16.40	-97.38
MR31	43	20.00	-101	51.65	3182.0	80182.96	0.05	0.22	13.86	-95.49
MR32	43	21.90	-101	51.10	3007.0	80197.35	0.09	0.11	8.93	-94.47
MR33	43	21.20	-101	57.02	3471.0	80164.03	0.29	0.54	20.29	-98.42
MR34	43	19.00	-101	57.67	3438.0	80165.46	0.56	0.36	21.93	-95.56
MR35	43	17.55	-101	56.60	3399.0	80165.14	0.19	0.25	20.12	-96.50
MR36	43	17.35	-101	58.90	3439.0	80161.08	0.08	0.25	20.12	-97.98
MR37	43	9.47	-101	59.40	3340.0	80152.01	0.06	0.11	13.61	-101.26
MR38	43	7.75	-101	58.92	3310.0	80152.18	0.01	0.10	13.55	-100.35
PNE1	43	29.45	-101	31.23	2661.0	80227.18	0.01	0.05	-5.14	-96.79
PNE2	43	28.60	-101	33.68	2790.0	80218.07	0.02	0.10	-0.84	-96.86
PNE3	43	28.60	-101	36.05	2851.0	80213.40	0.07	0.11	0.23	-97.83
BNW1	43	27.68	-101	29.67	2663.0	80224.05	0.06	0.06	-5.41	-97.07
BNW2	43	25.95	-101	29.57	2740.0	80217.28	0.04	0.09	-2.34	-96.63
PNE4	43	25.95	-101	31.63	2945.0	80204.19	0.04	0.23	3.85	-97.36
PNE5	43	25.87	-101	34.58	3063.0	80196.16	0.07	0.25	7.03	-98.18
PNE6	43	25.07	-101	36.73	2951.0	80203.66	0.05	0.13	5.20	-96.29
PNE7	43	26.23	-101	36.73	2843.0	80212.39	0.21	0.13	2.03	-95.59
BNW3	43	24.22	-101	29.88	2776.0	80213.48	0.03	0.09	-0.15	-95.69
PNE8	43	22.45	-101	30.80	2835.0	80205.78	0.04	0.10	0.36	-97.19
PNE9	43	22.45	-101	33.17	2979.0	80197.32	0.14	0.17	5.44	-96.89
PNE10	43	24.22	-101	33.58	2979.0	80199.32	0.02	0.18	4.78	-97.66
BNW4	43	24.22	-101	27.27	2677.0	80219.41	0.01	0.06	-3.52	-95.72
BNW5	43	23.37	-101	26.05	2733.0	80214.71	0.11	0.08	-1.68	-95.68
BNW6	43	23.35	-101	23.70	2709.0	80215.91	0.00	0.06	-2.71	-96.01
BNE1	43	23.35	-101	21.32	2713.0	80215.71	0.23	0.08	-2.53	-95.72
BNE2	43	25.08	-101	21.32	2679.0	80218.71	0.03	0.07	-5.33	-97.56
BNE3	43	26.85	-101	21.32	2666.0	80219.19	0.04	0.06	-8.74	-100.52
BNE4	43	27.70	-101	18.92	2702.0	80214.67	0.00	0.07	-11.16	-104.21
BNE5	43	27.68	-101	16.55	2835.0	80206.01	0.60	0.27	-7.28	-104.10
BNE6	43	28.80	-101	16.73	2680.0	80218.46	0.10	0.09	-11.09	-103.26
BNW7	43	28.58	-101	22.63	2555.0	80228.00	0.10	0.04	-12.97	-100.90
BNE7	43	29.45	-101	21.05	2683.0	80218.32	0.00	0.07	-11.93	-104.32
BNW8	43	26.83	-101	23.68	2591.0	80225.66	0.09	0.03	-9.29	-98.48
BNW9	43	27.68	-101	26.08	2573.0	80228.48	0.02	0.02	-9.44	-98.09
BNW10	43	26.53	-101	26.33	2627.0	80223.87	0.00	0.03	-7.24	-97.76
BNW11	43	29.03	-101	25.67	2560.0	80230.43	0.04	0.01	-10.75	-98.94
W1	43	34.67	-101	38.45	2709.0	80232.11	0.00	0.07	-3.56	-96.85
W2	43	34.67	-101	41.12	2715.0	80233.18	0.02	0.07	-1.92	-95.40
W3	43	32.93	-101	30.68	2726.0	80228.83	0.33	0.10	-2.62	-96.13
W4	43	31.20	-101	39.68	2821.0	80220.05	0.02	0.09	0.14	-96.96
W5	43	30.32	-101	42.07	2728.0	80224.14	0.03	0.04	-3.19	-97.13

W6	43	31.20	-101	44.45	2775.0	80219.53	0.01	0.04	-4.70	-100.28
W7	43	32.92	-101	44.45	2707.0	80228.69	0.01	0.02	-4.53	-97.79
W8	43	32.92	-101	42.07	2785.0	80224.85	0.01	0.08	-1.03	-96.92
ISE1	43	32.92	-101	46.85	2720.0	80225.17	0.03	0.06	-6.83	-100.47
ISE2	43	32.25	-101	49.23	2730.0	80223.39	0.12	0.08	-6.66	-100.54
ISE3	43	30.33	-101	49.23	2654.0	80228.26	0.10	0.00	-6.04	-97.41
ISE4	43	31.62	-101	50.42	2826.0	80215.85	0.04	0.10	-4.22	-101.46
ISE5	43	32.88	-101	51.62	2782.0	80222.57	0.02	0.06	-3.54	-99.33
PC1	43	32.93	-101	53.98	2833.0	80219.39	0.13	0.08	-2.00	-99.41
PC2	43	31.25	-101	52.80	2863.0	80212.49	0.11	0.08	-3.55	-102.01
PC3	43	30.88	-101	55.42	2860.0	80214.89	0.14	0.05	-0.87	-99.23
PC4	43	32.80	-101	56.33	3093.0	80203.53	0.37	0.34	6.78	-99.06
PC5	43	32.67	-101	58.38	2900.0	80217.51	0.07	0.09	2.81	-96.95
PC6	43	34.90	-101	57.00	2831.0	80229.57	0.24	0.07	5.03	-92.22
PC7	43	36.45	-101	57.53	2841.0	80234.14	0.06	0.11	8.20	-89.53
PC8	43	34.67	-101	54.03	2796.0	80229.46	0.03	0.07	1.97	-94.28
PC9	43	36.40	-101	54.03	2848.0	80231.41	0.11	0.21	6.21	-91.61
I1	43	38.10	-101	54.00	2650.0	80249.16	0.03	0.02	2.78	-88.50
I2	43	39.92	-101	55.30	2596.0	80255.01	0.10	0.03	0.81	-88.54
I3	43	40.75	-101	52.85	2424.0	80269.07	0.02	-0.05	-2.55	-86.14
SB1	43	40.60	-101	50.45	2272.0	80277.44	0.08	-0.02	-8.24	-86.52
SB2	43	40.25	-101	48.05	2375.0	80268.00	0.10	-0.06	-7.47	-89.31
SB3	43	39.45	-101	45.60	2279.0	80273.36	0.74	0.00	-9.93	-87.77
I4	43	41.55	-101	55.95	2228.0	80278.19	0.21	0.03	-13.06	-89.64
I5	43	41.60	-101	57.95	2354.0	80268.68	0.06	-0.08	-10.80	-91.98
I6	43	43.12	-101	56.45	2262.0	80276.82	0.27	-0.05	-13.60	-91.37
I7	43	43.60	-101	58.75	2225.0	80278.30	1.48	0.04	-16.32	-91.52
I8	43	44.87	-101	56.85	2292.0	80276.24	1.11	0.10	-14.00	-91.81
I9	43	43.20	-101	54.55	2191.0	80276.35	1.22	0.08	-20.87	-95.11
SB4	43	42.28	-101	47.65	2060.0	80283.51	1.45	0.17	-24.64	-94.06
SB5	43	44.05	-101	49.20	2109.0	80281.15	1.67	0.16	-25.06	-95.95
SB6	43	44.05	-101	46.75	2375.0	80280.21	0.02	-0.08	-0.99	-82.93
M1	43	16.45	-100	39.12	2634.0	80193.39	0.07	0.12	-21.89	-112.48
M2	43	17.30	-100	41.43	2619.0	80194.47	0.01	0.10	-23.50	-113.66
M3	43	18.18	-100	43.82	2717.0	80188.64	0.03	0.16	-21.44	-114.89
M4	43	16.48	-100	44.98	2795.0	80184.29	0.07	0.20	-15.90	-111.94
M5	43	19.05	-100	41.43	2600.0	80195.60	0.02	0.10	-26.79	-116.28
M6	43	20.78	-100	42.63	2605.0	80195.61	0.00	0.12	-28.91	-118.58
M7	43	22.00	-100	42.63	2544.0	80200.72	0.02	0.09	-31.38	-118.95
M8	43	18.35	-100	39.13	2581.0	80195.89	0.00	0.09	-27.23	-116.10
M9	43	19.93	-100	39.13	2655.0	80190.32	0.05	0.14	-28.22	-119.54
M10	43	21.67	-100	39.13	2677.0	80190.71	0.28	0.21	-28.38	-120.16
MSE1	43	18.22	-100	36.77	2565.0	80196.14	0.00	0.09	-28.29	-116.61
MSE2	43	18.20	-100	34.37	2544.0	80198.03	0.12	0.10	-28.34	-115.81
MSE3	43	19.95	-100	34.37	2640.0	80191.65	0.04	0.15	-28.33	-119.13
MSE4	43	21.68	-100	35.55	2605.0	80197.98	0.05	0.15	-27.90	-117.48
MSE5	43	18.20	-100	31.85	2543.0	80198.46	0.01	0.10	-28.01	-115.55
MSE6	43	16.45	-100	33.02	2497.0	80201.91	0.02	0.07	-26.25	-112.23
MSE7	43	16.45	-100	35.53	2550.0	80198.64	0.01	0.09	-24.54	-112.33
MSE8	43	16.45	-100	37.32	2644.0	80192.25	0.04	0.13	-22.09	-113.04
MSE9	43	15.58	-100	34.33	2536.0	80200.37	0.03	0.09	-22.81	-110.11
MSE10	43	15.58	-100	30.65	2473.0	80207.18	0.00	0.06	-21.92	-107.11
ONE1	43	14.72	-100	30.63	2492.0	80207.10	0.00	0.07	-18.92	-104.75
ONE2	43	14.15	-100	34.30	2571.0	80199.51	0.00	0.09	-18.23	-106.76
ONE3	43	12.12	-100	37.02	2771.0	80186.39	0.01	0.17	-9.49	-104.80
ONE4	43	10.37	-100	36.60	2772.0	80187.64	0.01	0.15	-5.51	-100.88

ONE5	43	9.50	-100	36.60	2772.0	80186.97	0.01	0.15	-4.87	-100.24
ONE6	43	7.75	-100	36.60	2790.0	80185.15	0.00	0.14	-2.37	-98.37
ONE7	43	9.08	-100	34.20	2760.0	80187.86	0.11	0.16	-4.48	-99.32
ONW1	43	12.07	-100	38.43	2734.0	80189.37	0.04	0.13	-9.91	-103.96
ONW2	43	13.83	-100	39.07	2776.0	80185.57	0.03	0.17	-12.41	-107.88
ONW3	43	11.65	-100	39.62	2722.0	80191.10	0.08	0.13	-8.68	-102.28
ONW4	43	12.07	-100	41.37	2800.0	80185.87	0.00	0.15	-7.21	-103.55
ONW5	43	11.22	-100	42.53	2808.0	80186.35	0.00	0.14	-4.70	-101.32
ONW6	43	11.22	-100	44.90	2857.0	80184.01	0.04	0.16	-2.43	-100.68
ONW7	43	12.95	-100	44.90	2849.0	80183.72	0.10	0.18	-6.08	-103.97
ONW8	43	14.75	-100	44.92	2802.0	80184.85	0.02	0.17	-12.07	-108.44
ONW9	43	9.47	-100	44.88	2881.0	80183.33	0.02	0.17	1.78	-97.30
ONW10	43	9.47	-100	42.53	2835.0	80185.24	0.04	0.15	-0.63	-98.14
ONW11	43	9.47	-100	40.20	2775.0	80188.55	0.01	0.13	-2.97	-98.46
ONW12	43	9.47	-100	37.77	2790.0	80186.51	0.00	0.15	-3.59	-99.59
ONW13	43	7.73	-100	41.32	2860.0	80183.40	0.10	0.17	2.49	-95.79
ONW14	43	7.73	-100	44.87	2857.0	80184.89	0.07	0.14	3.70	-94.54
OSW1	43	6.23	-100	44.85	2882.0	80183.35	0.01	0.15	6.77	-92.38
OSW2	43	6.23	-100	42.48	2849.0	80183.89	0.05	0.14	4.21	-93.78
OSW3	43	6.23	-100	40.10	2854.0	80181.98	0.12	0.16	2.77	-95.30
OSW4	43	6.23	-100	37.77	2815.0	80183.71	0.01	0.14	0.83	-96.02
OSW5	43	4.48	-100	41.28	2881.0	80180.97	0.12	0.17	6.93	-92.05
OSW6	43	4.48	-100	43.67	2898.0	80181.85	0.00	0.15	9.41	-90.30
OSW7	43	2.75	-100	43.67	2829.0	80187.35	0.02	0.11	11.02	-86.33
OSW8	43	1.02	-100	44.85	2897.0	80184.08	0.00	0.13	16.75	-82.94
OSW9	43	2.75	-100	41.28	2801.0	80188.12	0.01	0.11	9.16	-87.24
OSW10	43	1.02	-100	41.28	2847.0	80186.89	0.07	0.13	14.86	-83.04
OSW11	43	2.75	-100	38.95	2832.0	80184.57	0.03	0.14	8.53	-88.89
OSE1	43	2.75	-100	35.60	2725.0	80190.26	0.03	0.09	4.16	-89.63
OSE2	43	4.48	-100	35.75	2751.0	80187.71	0.02	0.12	1.45	-93.22
OSE3	43	6.23	-100	36.27	2828.0	80183.21	0.03	0.17	1.55	-95.70
OSE4	43	2.75	-100	33.65	2681.0	80192.73	0.00	0.08	2.49	-89.83
OSE5	43	4.48	-100	33.02	2658.0	80194.43	0.00	0.08	-0.58	-92.10
OSE6	43	2.75	-100	31.87	2713.0	80190.62	0.01	0.10	3.39	-90.00
OSE7	43	4.07	-100	30.68	2702.0	80191.28	0.00	0.10	1.03	-91.99
OSE8	43	1.02	-100	31.87	2694.0	80191.73	0.01	0.08	5.32	-87.44
OSE9	43	1.02	-100	35.03	2751.0	80190.43	0.01	0.10	9.37	-85.32
OSE10	43	0.13	-100	36.58	2785.0	80189.33	0.01	0.11	12.81	-83.04
K1	43	50.13	-101	31.30	2473.0	80266.21	0.21	0.04	-14.94	-99.93
KW1	43	50.13	-101	42.02	2509.0	80274.03	0.03	0.00	-3.73	-90.19
KW2	43	50.10	-101	44.47	2504.0	80276.47	0.00	-0.02	-1.72	-88.05
KW3	43	51.00	-101	43.25	2463.0	80279.46	0.02	-0.04	-3.94	-88.86
KW4	43	48.45	-101	44.90	2360.0	80281.74	0.12	-0.05	-7.50	-88.79
KW5	43	41.92	-101	42.07	2291.0	80284.58	0.22	-0.10	-1.31	-80.17
KW6	43	44.93	-101	43.30	2265.0	80285.04	0.03	-0.11	-7.83	-86.00
KW7	43	43.20	-101	43.30	2299.0	80281.66	0.00	-0.11	-5.40	-84.78
KW8	43	42.00	-101	43.30	2242.0	80284.03	0.02	-0.10	-6.58	-83.97
KW9	43	41.92	-101	39.65	2309.0	80279.79	0.09	-0.08	-4.40	-84.00
KW10	43	41.92	-101	37.88	2266.0	80281.18	0.08	-0.06	-7.06	-85.16
KW11	43	45.55	-101	39.65	2295.0	80280.40	0.01	-0.09	-10.58	-89.79
KW12	43	44.10	-101	39.68	2337.0	80283.07	0.43	-0.04	-1.78	-81.96
KW13	43	42.65	-101	40.90	2327.0	80277.19	0.09	-0.07	-6.41	-86.62
KW14	43	50.05	-101	39.62	2477.0	80272.93	0.01	-0.02	-7.72	-93.12
KW15	43	51.90	-101	39.65	2447.0	80278.80	0.00	-0.03	-7.46	-91.84
KW16	43	53.65	-101	39.65	2408.0	80284.48	0.01	-0.03	-8.08	-91.12
KW17	43	55.40	-101	39.65	2448.0	80283.14	0.02	-0.02	-8.30	-92.69

KW18	43	56.25	-101	40.85	2514.0	80278.91	0.01	0.02	-7.61	-94.23
KW19	43	57.10	-101	39.65	2514.0	80278.83	0.02	0.04	-8.97	-95.57
KW20	43	58.00	-101	43.25	2493.0	80282.48	0.00	0.02	-8.65	-94.56
KW21	43	58.85	-101	39.40	2430.0	80286.39	0.05	0.01	-11.94	-95.65
KW22	43	58.00	-101	38.50	2453.0	80283.36	0.06	0.01	-11.53	-96.02
KW23	43	56.25	-101	38.50	2453.0	80282.53	0.01	-0.01	-9.72	-94.28
KW24	43	56.25	-101	36.10	2434.0	80283.39	0.03	0.00	-10.65	-94.52
KW25	43	56.25	-101	33.73	2322.0	80289.76	0.01	-0.04	-14.81	-94.89
KW26	43	58.00	-101	33.68	2297.0	80292.97	0.00	-0.04	-16.59	-95.82
KW27	43	59.70	-101	35.20	2320.0	80294.10	0.03	-0.03	-15.86	-95.84
KW28	43	54.50	-101	34.92	2346.0	80287.17	0.02	-0.04	-12.50	-93.40
KW29	43	52.80	-101	34.92	2344.0	80283.97	0.10	-0.04	-13.33	-94.08
KW30	43	52.80	-101	37.38	2488.0	80275.32	0.02	0.02	-8.44	-94.16
KW31	43	52.80	-101	32.52	2422.0	80277.30	0.02	-0.01	-12.67	-96.15
KW32	43	54.50	-101	31.35	2347.0	80284.97	0.03	-0.03	-14.61	-95.52
KW33	43	55.40	-101	28.90	2420.0	80280.03	0.02	0.01	-14.04	-97.44
KW34	43	57.10	-101	28.90	2361.0	80286.54	0.07	-0.01	-15.64	-96.98
KW35	43	58.85	-101	28.90	2335.0	80290.47	0.06	-0.01	-16.80	-97.25
KW36	43	53.65	-101	28.92	2434.0	80275.68	0.05	0.01	-14.44	-98.29
KW37	43	52.80	-101	27.25	2402.0	80276.01	0.03	-0.01	-15.84	-98.62
KW38	43	52.80	-101	25.32	2330.0	80279.53	0.02	-0.03	-19.09	-99.42
KW39	43	54.50	-101	25.32	2359.0	80280.57	0.04	0.00	-17.88	-99.17
KW40	43	56.25	-101	25.33	2277.0	80288.85	0.04	-0.02	-19.95	-98.43
KW41	43	58.00	-101	25.30	2276.0	80292.85	0.01	-0.02	-18.68	-97.16
KW42	43	52.80	-101	24.15	2296.0	80280.62	0.00	-0.04	-21.19	-100.39
KW43	43	51.90	-101	28.92	2457.0	80270.67	0.07	0.03	-14.65	-99.25
SNW1	43	52.77	-101	14.58	2281.0	80273.46	0.01	-0.02	-29.72	-108.37
SSW1	43	51.02	-101	14.58	2272.0	80272.19	0.03	-0.02	-29.20	-107.52
SSW2	43	51.90	-101	12.18	2243.0	80273.26	0.10	-0.02	-32.18	-109.43
SNW2	43	53.63	-101	11.00	2295.0	80271.57	0.02	0.02	-31.59	-110.67
SNW2	43	55.37	-101	11.00	2194.0	80281.28	0.01	-0.03	-34.00	-109.67
SNW4	43	55.00	-101	12.35	2110.0	80285.17	0.08	-0.02	-37.45	-110.15
SNW5	43	53.65	-101	8.62	2281.0	80271.98	0.01	0.02	-32.52	-111.14
SNW6	43	55.37	-101	8.62	2310.0	80273.30	0.01	0.04	-31.07	-110.66
SNW7	43	57.70	-101	11.03	2040.0	80291.21	0.11	-0.02	-42.06	-112.32
SNW8	43	57.12	-101	8.62	2225.0	80282.60	0.01	0.00	-32.40	-109.11
SNW9	43	58.85	-101	8.82	2140.0	80289.86	0.10	-0.03	-35.74	-109.46
SNW10	43	59.47	-101	10.58	2100.0	80296.68	0.10	-0.04	-33.61	-105.97
ST1	43	57.97	-101	6.13	2270.0	80281.32	0.03	0.05	-30.73	-108.91
ST2	43	56.23	-101	6.23	2248.0	80278.71	0.08	0.03	-32.79	-110.18
ST3	43	54.50	-101	6.23	2274.0	80273.18	0.25	0.05	-33.26	-111.37
ST4	43	58.83	-101	5.03	2216.0	80285.78	0.05	0.02	-32.64	-108.98
ST5	43	57.97	-101	3.83	2212.0	80283.86	0.17	0.03	-33.64	-109.71
ST6	43	56.23	-101	3.83	2376.0	80269.28	0.17	0.10	-30.18	-111.82
ST7	43	57.97	-101	0.27	2230.0	80281.74	0.08	0.02	-34.07	-110.86
ST8	43	56.23	-101	0.25	2206.0	80280.39	0.03	0.02	-35.05	-111.07
ST9	43	54.43	-101	0.25	2220.0	80275.10	0.18	0.03	-36.31	-112.65
ST10	43	53.88	-101	2.65	2400.0	80262.41	0.01	0.16	-31.25	-113.82
ST11	43	53.70	-101	5.32	2410.0	80261.98	0.01	0.15	-30.47	-113.39
SSW3	43	51.33	-101	8.62	2330.0	80264.03	0.12	0.16	-32.37	-112.42
SSW4	43	51.98	-101	10.37	2348.0	80267.42	0.11	0.07	-28.27	-109.04
SSW5	43	50.55	-101	13.38	2317.0	80267.33	0.01	0.02	-29.12	-108.97
SSE1	43	52.08	-101	3.78	2005.0	80285.36	0.18	0.05	-42.73	-111.64
SSE2	43	51.00	-101	2.33	1945.0	80285.57	0.05	0.01	-46.53	-113.55
SSE3	43	50.27	-101	3.72	2128.0	80273.67	0.11	0.00	-40.12	-113.39
SSE4	43	48.57	-101	3.58	2262.0	80261.83	0.11	0.03	-36.80	-114.65

SSE5	43	47.68	-101	4.52	2305.0	80257.30	0.07	0.06	-35.95	-115.29
SSE6	43	47.68	-101	2.40	2287.0	80258.43	0.06	0.03	-36.51	-115.27
SSE7	43	46.83	-101	1.20	2249.0	80259.03	0.02	0.01	-38.20	-115.72
SSE8	43	48.57	-101	1.20	2237.0	80263.44	0.05	0.03	-37.54	-114.59
SSE9	43	49.87	-101	1.88	2129.0	80272.93	0.03	-0.01	-40.17	-113.56
SSE10	43	45.10	-101	1.20	2323.0	80251.05	0.02	0.03	-36.62	-116.66
CNE1	43	43.35	-101	1.20	2383.0	80242.92	0.00	0.05	-36.47	-118.57
CNE2	43	42.52	-101	2.40	2396.0	80241.33	0.01	0.04	-35.59	-118.14
CNE3	43	41.62	-101	1.20	2428.0	80237.21	0.04	0.08	-35.34	-118.92
CNE4	43	39.88	-101	1.20	2354.0	80240.86	0.11	0.02	-36.03	-117.05
CNE5	43	38.13	-101	1.20	2254.0	80245.18	0.07	-0.02	-38.48	-116.14
CNE6	43	39.00	-101	6.58	2383.0	80241.73	0.01	0.01	-31.11	-113.24
CNE7	43	40.75	-101	7.25	2481.0	80238.71	0.16	0.11	-27.55	-112.80
CNE8	43	42.48	-101	7.20	2334.0	80249.16	0.01	0.00	-33.53	-113.98
CNE9	43	42.52	-101	4.78	2324.0	80247.78	0.01	0.00	-35.91	-116.02
KAD1	43	43.35	-101	8.30	2358.0	80248.89	0.13	0.02	-32.85	-113.99
SSW6	43	45.52	-101	8.90	2376.0	80251.21	0.12	0.08	-32.11	-113.82
SSW7	43	45.95	-101	10.32	2354.0	80254.71	0.05	0.06	-31.33	-112.37
SSW8	43	47.42	-101	13.18	2021.0	80283.10	0.11	-0.02	-36.46	-106.07
SSW9	43	46.68	-101	13.45	2050.0	80281.30	0.16	-0.03	-34.42	-104.98
SSW10	43	45.17	-101	13.60	2050.0	80276.72	0.17	0.03	-36.72	-107.22
KAD2	43	38.85	-101	11.97	2300.0	80247.71	0.00	-0.03	-32.71	-112.03
KAD3	43	41.05	-101	11.90	2203.0	80258.80	0.15	-0.03	-34.05	-109.89
KAD4	43	42.75	-101	11.65	2283.0	80256.26	0.01	-0.03	-31.63	-110.36
SSW11	43	47.88	-101	14.92	2040.0	80284.08	0.07	-0.01	-34.39	-104.68
CNE1	43	59.73	-101	46.70	2298.0	80302.78	0.04	-0.06	-9.29	-88.54
CNE2	43	59.20	-101	49.18	2344.0	80296.23	0.02	-0.05	-10.72	-91.56
CNE3	43	58.10	-101	51.58	2398.0	80295.66	0.00	-0.06	-4.55	-87.28
CNE4	43	57.75	-101	48.60	2477.0	80287.07	0.01	0.00	-5.19	-90.56
CNE5	43	58.00	-101	46.78	2319.0	80297.10	0.01	-0.06	-10.39	-90.39
CNE6	43	56.22	-101	51.58	2480.0	80288.96	0.02	-0.05	-0.71	-86.23
CNE7	43	54.92	-101	51.58	2459.0	80289.08	0.01	-0.06	-0.60	-85.42
CNE8	43	55.33	-101	49.18	2380.0	80293.57	0.15	-0.04	-4.16	-86.10
CNE9	43	53.70	-101	48.00	2464.0	80285.78	0.04	-0.04	-1.59	-86.53
CNE10	43	53.70	-101	45.65	2378.0	80290.78	0.03	-0.06	-4.68	-86.69
CSE1	43	51.88	-101	45.65	2447.0	80283.85	0.01	-0.05	-2.38	-86.77
CSE2	43	51.88	-101	47.98	2461.0	80283.57	0.07	-0.04	-1.34	-86.15
CNE11	43	53.70	-101	51.58	2403.0	80291.16	0.03	-0.06	-1.95	-84.82
C1	43	52.73	-101	53.97	2531.0	80281.71	0.06	-0.04	2.10	-85.12
C2	43	54.67	-101	53.97	2439.0	80291.42	0.01	-0.06	0.23	-83.89
C3	43	54.10	-101	56.15	2428.0	80290.18	0.15	-0.04	-1.18	-84.77
C4	43	56.22	-101	53.97	2510.0	80288.14	0.00	-0.04	1.29	-85.27
C5	43	57.80	-101	53.97	2405.0	80295.86	0.02	-0.04	-3.24	-86.17
C6	43	59.68	-101	53.22	2436.0	80294.53	0.02	-0.03	-4.49	-88.48
C7	43	58.13	-101	56.37	2446.0	80295.10	0.04	-0.03	-0.64	-84.95
C8	43	59.68	-101	56.37	2538.0	80290.01	0.13	-0.01	0.58	-86.78
C9	43	58.37	-101	58.77	2483.0	80294.87	0.01	-0.04	2.24	-83.38
C10	43	57.08	-101	58.77	2539.0	80290.16	0.13	-0.03	4.74	-82.67
C11	43	55.33	-101	58.77	2592.0	80284.32	0.00	-0.03	6.52	-82.85
C12	43	52.73	-101	57.57	2572.0	80281.15	0.01	-0.04	5.39	-83.29
CSW1	43	51.00	-101	58.77	2582.0	80278.35	0.00	-0.04	6.14	-82.90
CSW2	43	51.00	-101	56.37	2574.0	80277.39	0.02	-0.04	4.43	-84.31
CSW4	43	47.53	-101	56.37	2558.0	80271.57	0.08	-0.04	2.33	-85.80
CSW5	43	45.63	-101	56.23	2661.0	80261.57	0.06	0.09	4.88	-86.68
CSW6	43	45.52	-101	58.75	2420.0	80277.12	0.57	0.00	-2.06	-84.92
CSW7	43	47.53	-101	54.28	2611.0	80266.21	0.02	0.01	1.95	-88.01

CSW8	43	49.27	-101	53.95	2501.0	80275.92	0.00	-0.05	-1.30	-87.56
CSW9	43	51.00	-101	53.95	2513.0	80280.26	0.00	-0.05	1.56	-85.11
CSW10	43	50.13	-101	52.77	2482.0	80279.72	0.00	-0.06	-0.58	-86.20
CSE3	43	50.13	-101	50.38	2496.0	80277.89	0.00	-0.05	-1.10	-87.18
CSE4	43	50.13	-101	47.98	2529.0	80275.82	0.13	-0.02	-0.06	-87.13
CSE5	43	50.12	-101	45.63	2520.0	80277.89	0.02	-0.01	1.18	-85.68
SFSW1	43	1.02	-100	54.28	2892.0	80188.12	0.10	0.11	20.32	-79.12
SFSW2	43	1.88	-100	52.77	2835.0	80190.07	0.04	0.09	15.62	-81.94
SFSW3	43	2.75	-100	54.28	2893.0	80186.29	0.00	0.10	15.98	-83.60
SFSW4	43	4.48	-100	54.28	2886.0	80186.07	0.07	0.12	12.50	-86.75
SFSW5	43	3.62	-100	55.47	2941.0	80183.04	0.03	0.13	15.93	-85.24
SFSW6	43	6.23	-100	54.28	2948.0	80181.99	0.07	0.15	11.62	-89.74
SFSW7	43	6.23	-100	59.03	2883.0	80191.39	0.04	0.12	14.90	-84.28
SFSW8	43	6.23	-100	56.67	2992.0	80181.57	0.00	0.17	15.33	-87.59
SF1	43	7.70	-100	56.55	3003.0	80179.98	0.00	0.19	12.56	-90.71
SF2	43	7.72	-100	54.22	2992.0	80179.35	0.00	0.19	10.87	-92.03
R1	43	7.73	-100	51.15	2983.0	80178.75	0.00	0.20	9.41	-93.17
R2	43	7.73	-100	49.58	2958.0	80180.35	0.11	0.19	8.66	-92.96
R3	43	7.73	-100	47.27	2919.0	80181.90	0.01	0.17	6.54	-93.86
ONW14	43	7.73	-100	44.87	2857.0	80184.94	0.07	0.14	3.75	-94.49
SF3	43	9.40	-100	57.68	3010.0	80178.46	0.02	0.28	9.14	-94.26
SF4	43	11.13	-100	58.22	2605.0	80206.65	0.21	0.19	-3.35	-92.73
SF5	43	10.65	-100	59.78	2576.0	80211.37	0.14	0.23	-0.63	-89.05
SF6	43	12.85	-100	57.67	2540.0	80214.10	0.08	0.21	-4.60	-91.86
SF7	43	14.48	-100	57.00	2465.0	80217.49	0.19	0.26	-10.71	-95.23
SC1	43	15.40	-100	56.52	2448.0	80217.94	0.22	0.19	-13.24	-97.22
SC2	43	15.75	-100	55.00	2420.0	80218.82	0.27	0.17	-15.52	-98.51
SC3	43	16.57	-100	57.38	2673.0	80203.57	0.03	0.10	-8.22	-100.22
SC4	43	17.72	-100	58.97	2731.0	80199.33	0.01	0.13	-8.74	-102.72
SC5	43	18.38	-100	59.85	2704.0	80205.47	0.02	0.11	-6.13	-99.19
SC6	43	18.07	-100	56.40	2604.0	80206.03	0.01	0.07	-14.51	-104.18
SC7	43	18.68	-100	54.03	2550.0	80207.04	0.07	0.09	-19.49	-107.23
SC8	43	19.53	-100	53.02	2316.0	80222.66	0.14	0.11	-27.15	-106.75
SC9	43	20.88	-100	52.87	2290.0	80224.23	0.03	0.06	-30.06	-108.92
SCSE1	43	21.75	-100	51.80	2295.0	80222.08	0.02	0.04	-33.05	-112.11
SCSE2	43	21.20	-100	49.70	2521.0	80205.53	0.02	0.09	-27.52	-114.31
SCSE3	43	22.42	-100	49.70	2470.0	80209.60	0.12	0.09	-30.09	-115.02
SCSE4	43	19.23	-100	50.90	2645.0	80199.03	0.04	0.17	-19.40	-110.35
SCSE5	43	18.62	-100	48.17	2769.0	80187.57	0.04	0.22	-18.28	-113.45
SCSE6	43	18.17	-100	45.42	2720.0	80189.61	0.11	0.16	-20.17	-113.64
SCSE7	43	17.08	-100	47.35	2769.0	80187.33	0.04	0.17	-16.20	-111.42
SCSE8	43	16.23	-100	48.73	2655.0	80198.18	0.07	0.13	-14.79	-106.10
SCSE9	43	15.17	-100	50.27	2736.0	80193.16	0.08	0.13	-10.60	-104.68
SCSE10	43	16.13	-100	51.38	2700.0	80195.80	0.12	0.13	-12.79	-105.59
R4	43	13.88	-100	51.97	2845.0	80186.35	0.22	0.27	-5.22	-102.77
R5	43	13.37	-100	49.70	2832.0	80187.25	0.06	0.18	-4.78	-102.13
R6	43	12.10	-100	47.30	2881.0	80183.43	0.00	0.19	-2.08	-101.16
R7	43	12.08	-100	45.17	2870.0	80182.79	0.10	0.19	-3.72	-102.33
SF8	43	12.07	-100	53.87	2842.0	80189.15	0.02	0.15	0.02	-97.74
SF9	43	10.37	-100	54.65	2990.0	80179.90	0.22	0.26	7.24	-95.30
SF10	43	9.45	-100	54.43	2992.0	80180.08	0.01	0.23	9.00	-93.85
SFSE1	43	6.32	-100	48.38	2920.0	80182.53	0.01	0.15	9.39	-91.07
SFSE2	43	6.23	-100	46.05	2947.0	80179.28	0.07	0.19	8.81	-92.47
SFSE3	43	4.48	-100	47.20	2863.0	80186.19	0.05	0.12	10.46	-88.03
SFSE4	43	2.75	-100	47.20	2903.0	80183.71	0.00	0.13	14.34	-85.56
SFSE5	43	1.88	-100	48.38	2922.0	80182.51	0.02	0.13	16.24	-84.30

SFSE6	43	1.88	-100	46.05	2898.0	80184.03	0.00	0.13	15.50	-84.23
SFSE7	43	2.75	-100	49.58	2934.0	80182.03	0.03	0.14	15.58	-85.35
SFSE8	43	4.50	-100	49.58	2875.0	80185.23	0.02	0.12	10.60	-88.33
SFSE9	43	3.63	-100	51.93	2895.0	80184.91	0.00	0.11	13.46	-86.18
SFSE10	43	1.88	-100	51.93	2850.0	80188.68	0.05	0.09	15.64	-82.43
SFSE11	43	0.15	-100	48.38	2901.0	80184.98	0.00	0.12	19.34	-80.50
P1	43	16.35	-101	1.17	2781.0	80197.89	0.07	0.13	-3.42	-99.05
P2	43	18.52	-101	1.13	2685.0	80203.71	0.00	0.09	-9.89	-102.34
P3	43	19.82	-101	1.13	2653.0	80206.14	0.01	0.08	-12.43	-103.77
P4	43	21.58	-101	0.75	2680.0	80203.72	0.15	0.14	-14.96	-107.03
P5	43	20.70	-101	3.53	2626.0	80210.44	0.03	0.07	-11.99	-102.40
P6	43	21.58	-101	3.53	2632.0	80210.29	0.01	0.06	-12.90	-103.54
P7	43	21.58	-101	5.88	2694.0	80208.53	0.04	0.11	-8.83	-101.53
P8	43	19.10	-101	3.53	2726.0	80203.10	0.09	0.11	-7.52	-101.26
P9	43	16.35	-101	5.88	2808.0	80200.10	0.01	0.13	1.33	-95.29
P10	43	17.48	-101	4.72	2775.0	80200.60	0.02	0.12	-2.97	-98.46
P11	43	19.83	-101	5.88	2702.0	80207.32	0.00	0.10	-6.65	-99.67
EMB1	43	20.72	-101	8.27	2748.0	80206.35	0.06	0.12	-4.64	-99.16
EMB2	43	20.72	-101	10.63	2873.0	80198.78	0.02	0.18	-0.46	-99.26
EMB3	43	22.47	-101	11.83	2756.0	80209.98	0.13	0.11	-2.89	-97.63
EMB4	43	22.47	-101	14.22	2773.0	80210.25	0.01	0.11	-1.02	-96.47
EMB5	43	20.72	-101	13.02	2854.0	80202.10	0.09	0.15	1.08	-97.03
EMB6	43	19.00	-101	13.75	2935.0	80195.18	0.01	0.19	4.36	-96.57
ISFW1	43	12.82	-101	13.65	3133.0	80177.21	0.05	0.23	14.31	-93.34
ISFW2	43	11.15	-101	13.65	3048.0	80181.72	0.11	0.17	13.34	-91.39
ISFW3	43	9.42	-101	13.65	2961.0	80184.35	0.01	0.11	10.40	-91.51
ISFW4	43	7.67	-101	13.65	2930.0	80184.64	0.01	0.09	10.41	-90.45
ISFW5	43	9.42	-101	11.83	2955.0	80186.28	0.02	0.12	11.76	-89.91
ISFW6	43	8.53	-101	9.82	2942.0	80186.32	0.05	0.11	11.92	-89.29
ISFW7	43	13.87	-101	11.92	3285.0	80166.51	0.32	0.46	16.32	-96.05
EMB7	43	15.48	-101	11.58	3115.0	80181.00	0.08	0.28	12.40	-94.55
EMB8	43	16.52	-101	9.45	2920.0	80194.60	0.02	0.18	6.10	-94.31
ISFW8	43	13.13	-101	10.20	3198.0	80173.55	0.07	0.35	16.29	-93.45
ISFW9	43	13.95	-101	8.28	3042.0	80185.66	0.09	0.23	12.50	-91.98
ISFE1	43	14.85	-101	6.30	2905.0	80194.91	0.01	0.16	7.52	-92.41
ISFE2	43	8.05	-101	1.28	2685.0	80206.35	0.41	0.15	8.51	-83.47
ISFE3	43	9.63	-101	0.63	2577.0	80211.92	0.12	0.27	1.55	-86.88
SC1	43	7.08	-101	1.43	2648.0	80209.43	0.10	0.21	9.57	-81.38
SC2	43	7.37	-101	3.73	2675.0	80207.07	0.03	0.13	9.31	-82.72
SC3	43	5.78	-101	1.37	2869.0	80191.55	0.02	0.10	14.43	-84.31
SC4	43	3.62	-101	1.37	2841.0	80195.28	0.07	0.08	18.77	-78.97
SCNW1	43	26.72	-100	52.67	2457.0	80214.91	0.08	0.06	-32.47	-117.03
SCNW2	43	25.27	-100	52.60	2477.0	80212.97	0.02	0.08	-30.35	-115.63
SCNE2	43	25.10	-100	51.58	2453.0	80212.42	0.14	0.09	-32.90	-117.23
SCNE3	43	23.37	-100	49.70	2385.0	80215.86	0.18	0.06	-33.25	-115.23
SCNW3	43	25.10	-100	54.45	2612.0	80204.93	0.04	0.21	-25.44	-115.22
SCNW4	43	25.10	-100	56.83	2538.0	80210.90	0.06	0.07	-26.43	-113.78
SCNW5	43	25.10	-100	59.12	2550.0	80211.40	0.12	0.06	-24.80	-112.51
SCNW6	43	23.37	-100	59.67	2520.0	80214.22	0.01	0.04	-22.19	-109.01
P1	43	23.35	-101	2.28	2592.0	80212.71	0.01	0.06	-16.91	-106.17
P2	43	23.35	-101	4.68	2611.0	80214.79	0.00	0.06	-13.04	-102.97
P3	43	25.08	-101	4.68	2546.0	80220.22	0.01	0.04	-16.33	-104.03
P4	43	25.95	-101	4.68	2595.0	80216.85	0.00	0.06	-16.40	-105.78
P5	43	25.95	-101	7.07	2576.0	80221.21	0.00	0.04	-13.83	-102.57
P6	43	25.95	-101	2.28	2553.0	80216.35	0.03	0.05	-20.85	-108.77
P7	43	25.97	-101	0.40	2570.0	80211.74	0.00	0.07	-23.89	-112.40

P8	43	27.68	-101	1.62	2591.0	80214.16	0.00	0.09	-22.07	-111.29
P9	43	29.25	-101	0.93	2600.0	80213.26	0.12	0.14	-24.49	-113.84
P10	43	27.68	-101	4.68	2639.0	80215.64	0.01	0.10	-16.08	-106.92
P11	43	27.68	-101	7.07	2563.0	80223.32	0.02	0.05	-15.54	-103.81
P12	43	29.45	-101	5.98	2700.0	80213.91	0.05	0.18	-14.74	-107.56
P13	43	23.35	-101	7.07	2624.0	80216.47	0.01	0.06	-10.14	-100.51
N1	43	23.35	-101	9.45	2707.0	80212.26	0.04	0.10	-6.54	-99.70
N2	43	23.35	-101	11.83	2685.0	80215.53	0.01	0.07	-5.34	-97.80
N3	43	23.35	-101	14.20	2774.0	80210.55	0.04	0.12	-1.96	-97.39
N4	43	24.23	-101	11.83	2684.0	80215.47	0.01	0.08	-6.82	-99.23
N5	43	25.97	-101	11.83	2565.0	80224.55	0.01	0.05	-11.55	-99.90
N6	43	25.97	-101	14.12	2580.0	80221.65	0.07	0.06	-13.04	-101.84
N7	43	25.97	-101	9.43	2617.0	80220.14	0.08	0.07	-11.07	-101.12
N8	43	24.67	-101	9.45	2632.0	80218.53	0.08	0.06	-9.31	-99.89
N9	43	27.70	-101	7.45	2526.0	80227.57	0.02	0.05	-14.80	-101.80
N10	43	29.45	-101	8.33	2624.0	80220.62	0.01	0.09	-15.17	-105.51
N11	43	29.45	-101	10.75	2521.0	80230.26	0.02	0.03	-15.22	-102.07
N12	43	29.45	-101	12.25	2476.0	80232.58	0.01	0.02	-17.13	-102.45
N13	43	27.68	-101	11.83	2522.0	80228.05	0.01	0.03	-14.67	-101.56
N14	43	27.70	-101	13.67	2569.0	80223.58	0.01	0.04	-14.75	-103.25
KA1	43	31.20	-101	12.30	2488.0	80234.30	0.01	0.03	-16.92	-102.64
KA2	43	32.95	-101	12.25	2436.0	80239.39	0.02	0.01	-19.35	-103.30
KA3	43	34.25	-101	9.55	2474.0	80234.07	0.01	0.03	-23.06	-108.30
KA4	43	34.60	-101	7.75	2671.0	80218.46	0.56	0.27	-20.67	-111.90
CBSE1	43	35.10	-101	5.65	2442.0	80233.73	0.01	0.03	-27.69	-111.83
CBSE2	43	37.32	-101	5.98	2490.0	80231.66	0.25	0.10	-28.59	-114.07
CBSE3	43	34.67	-101	3.58	2384.0	80235.78	0.00	0.01	-30.44	-112.62
CBSE4	43	34.68	-101	1.18	2364.0	80235.14	0.01	0.01	-32.98	-114.45
CBSE5	43	36.40	-101	1.18	2314.0	80239.96	0.01	-0.01	-35.45	-115.23
CBSE6	43	32.92	-101	1.18	2308.0	80237.82	0.00	-0.01	-32.91	-112.49
CBSE7	43	37.20	-101	1.18	2436.0	80227.11	0.73	0.15	-38.03	-121.13
KA5	43	34.70	-101	12.00	2378.0	80243.03	0.01	0.00	-23.80	-105.77
KA6	43	35.90	-101	11.35	2359.0	80243.75	0.03	-0.01	-26.67	-107.98
KA7	43	36.95	-101	11.40	2358.0	80244.23	0.03	-0.01	-27.87	-109.14
WC1	43	15.30	-102	50.23	2906.0	80192.53	0.10	-0.12	4.55	-95.60
WCSW1	43	16.03	-102	52.60	2955.0	80189.96	0.09	-0.14	5.49	-96.37
WCSW2	43	16.32	-102	55.25	2990.0	80185.08	0.01	-0.10	3.47	-99.64
WCSW3	43	17.00	-102	57.67	3080.0	80177.94	0.39	-0.08	3.76	-102.04
WCSW4	43	17.20	-102	59.83	3183.0	80174.18	0.04	-0.10	9.38	-100.32
WC2	43	17.37	-102	47.90	2895.0	80196.19	0.39	-0.11	4.06	-95.41
WC3	43	19.18	-102	47.30	2830.0	80202.47	0.55	-0.07	1.51	-95.53
WC4	43	19.67	-102	45.53	2850.0	80202.57	0.01	-0.13	2.75	-95.58
RSW1	43	20.83	-102	43.13	2824.0	80205.23	0.03	-0.14	1.22	-96.20
WC5	43	20.85	-102	48.17	2907.0	80200.35	0.36	-0.11	4.11	-95.80
WCNE1	43	22.58	-102	50.22	3024.0	80194.23	0.02	-0.11	6.39	-97.89
WCNE2	43	24.33	-102	51.05	3079.0	80192.26	0.13	-0.07	6.95	-99.06
WCNE3	43	26.62	-102	51.83	3070.0	80194.66	0.01	-0.07	5.06	-100.77
WCNW1	43	26.17	-102	54.98	3155.0	80187.71	0.01	-0.05	6.78	-101.95
WCNE4	43	28.15	-102	52.37	3150.0	80191.61	0.06	-0.04	7.22	-101.27
WCNE5	43	29.53	-102	52.33	3125.0	80195.24	0.20	-0.03	6.43	-101.06
WCNE6	43	28.97	-102	50.00	3281.0	80183.76	0.13	0.17	10.45	-102.26
WCNW2	43	28.67	-102	54.77	3112.0	80193.57	0.28	-0.03	4.83	-102.13
WCNW3	43	28.67	-102	57.22	3205.0	80189.32	0.08	0.00	9.32	-101.00
WCNW4	43	28.67	-102	59.75	3230.0	80186.26	0.03	0.00	8.61	-102.62
WC6	43	18.23	-102	45.62	2885.0	80198.53	0.05	-0.13	4.17	-95.32
R1	43	24.23	-102	31.42	2779.0	80222.14	0.01	-0.08	8.78	-87.06

WK1	43	22.50	-102	29.95	2855.0	80213.96	0.01	-0.06	10.35	-88.08
WK2	43	20.80	-102	28.85	2916.0	80208.50	0.19	-0.04	13.18	-87.14
WK3	43	19.15	-102	28.05	2912.0	80204.23	0.28	0.01	11.02	-89.03
WK4	43	16.85	-102	28.25	2995.0	80195.50	0.00	-0.02	13.56	-89.65
WK5	43	20.80	-102	25.97	3271.0	80181.53	0.17	0.23	19.59	-92.68
WK6	43	20.80	-102	22.95	2875.0	80204.21	0.53	0.18	5.04	-93.32
SC1	43	23.37	-102	23.88	2895.0	80214.33	0.50	0.01	13.17	-86.07
SC2	43	29.12	-102	29.58	2770.0	80232.60	0.02	-0.10	11.03	-84.51
R2	43	27.70	-102	31.23	2688.0	80235.62	0.31	-0.05	8.48	-83.90
R3	43	25.95	-102	31.42	2753.0	80228.18	0.07	-0.06	9.79	-85.08
SC3	43	25.10	-102	24.97	2840.0	80221.00	0.01	-0.01	12.06	-85.80
SC4	43	26.83	-102	26.28	2795.0	80227.21	0.00	-0.06	11.44	-84.94
SC5	43	28.23	-102	27.83	2735.0	80232.11	0.16	-0.08	8.59	-85.59
WK7	43	19.10	-102	22.10	3033.0	80194.42	0.07	0.11	12.66	-91.65
WK8	43	17.35	-102	22.00	3090.0	80184.28	0.42	0.09	10.52	-95.43
WK9	43	15.55	-102	20.80	3142.0	80176.89	0.11	0.10	10.72	-97.30
WK10	43	23.40	-102	22.00	2930.0	80211.12	0.27	0.01	13.21	-87.47
WK11	43	23.52	-102	19.55	3094.0	80198.19	0.10	0.05	15.51	-90.93
WK12	43	23.45	-102	17.15	3228.0	80188.32	0.04	0.12	18.34	-92.69
WK13	43	22.55	-102	15.25	3122.0	80194.28	0.08	0.07	15.70	-91.71
WK14	43	22.55	-102	13.15	3035.0	80201.19	0.04	0.09	14.43	-90.01
WK15	43	20.80	-102	12.10	3141.0	80190.64	0.38	0.15	16.48	-91.20
WK16	43	19.10	-102	11.30	3156.0	80185.46	0.12	0.21	15.27	-93.12
WK17	43	17.35	-102	11.15	3431.0	80159.82	0.05	0.21	18.11	-99.79
WK18	43	15.60	-102	11.30	3579.0	80142.22	0.01	0.31	17.06	-105.86
WK19	43	24.25	-102	12.60	2974.0	80210.41	0.02	0.04	15.35	-87.06
WK20	43	25.50	-102	10.45	2957.0	80213.85	0.01	0.02	15.31	-86.54
WK21	43	24.25	-102	9.60	2983.0	80210.42	0.01	0.05	16.21	-86.51
WK22	43	26.45	-102	12.52	2915.0	80218.44	0.02	0.02	14.52	-85.88
WK23	43	28.20	-102	12.52	2849.0	80225.41	0.08	0.00	12.65	-85.44
WK24	43	29.50	-102	13.00	2792.0	80229.86	0.00	-0.01	9.79	-86.44
WK25	43	26.00	-102	8.97	2951.0	80213.78	0.06	0.04	13.92	-87.65
WK26	43	26.00	-102	6.55	3074.0	80201.41	0.03	0.10	13.12	-92.66
WK27	43	27.75	-102	5.94	3255.0	80186.42	0.11	0.34	12.51	-99.16
WK28	43	26.40	-102	4.15	3092.0	80196.96	0.01	0.11	9.76	-96.64
WK29	43	26.85	-102	1.80	3194.0	80186.64	0.00	0.21	8.35	-101.47
WK30	43	28.65	-102	0.65	3018.0	80202.10	0.03	0.11	4.55	-99.29
WK31	43	24.25	-102	6.45	3031.0	80204.85	0.03	0.08	15.15	-89.17
WK32	43	22.35	-102	5.85	3124.0	80196.03	0.03	0.13	17.93	-89.53
WK33	43	22.55	-102	8.00	3104.0	80198.11	0.20	0.11	17.83	-88.79
WK34	43	20.80	-102	3.70	3178.0	80189.03	0.23	0.22	18.34	-90.68
WK35	43	19.00	-102	2.60	3157.0	80187.76	0.16	0.25	17.81	-90.53
WK36	43	17.85	-102	1.30	3432.0	80163.30	0.04	0.24	20.93	-96.98
PR1	43	7.75	-102	3.00	3373.0	80145.90	0.01	0.11	13.19	-102.86
PR2	43	7.75	-102	0.55	3319.0	80150.75	0.00	0.09	12.96	-101.26
PR3	43	5.43	-102	1.29	3288.0	80152.18	0.17	0.13	14.97	-97.98
PR4	43	6.30	-102	3.65	3346.0	80147.14	0.13	0.10	14.08	-100.94
PR5	43	8.38	-102	1.46	3365.0	80147.83	0.03	0.11	13.42	-102.34
PR6	43	7.77	-102	5.35	3416.0	80141.82	0.01	0.11	13.12	-104.40
PR7	43	6.30	-102	6.10	3380.0	80144.28	0.02	0.10	14.41	-101.88
PR8	43	9.50	-102	5.37	3455.0	80141.53	0.09	0.15	13.90	-104.85
PR9	43	11.25	-102	4.20	3415.0	80148.72	0.01	0.14	14.69	-102.77
PR10	43	11.25	-102	1.77	3388.0	80151.11	0.00	0.14	14.54	-102.00
PR11	43	13.00	-102	3.00	3483.0	80148.98	0.11	0.21	18.71	-100.92
PR12	43	13.00	-102	0.60	3476.0	80148.87	0.01	0.21	17.94	-101.55
PR13	43	14.75	-102	1.80	3430.0	80157.28	0.01	0.18	19.39	-98.55

PR14	43	13.00	-102	5.40	3446.0	80151.74	0.03	0.17	17.99	-100.49
PR15	43	14.75	-102	5.40	3502.0	80152.71	0.18	0.23	21.59	-98.60
PR16	43	11.25	-102	6.55	3502.0	80141.55	0.13	0.19	15.70	-104.58
PR17	43	11.25	-102	8.90	3576.0	80134.51	0.04	0.23	15.62	-107.25
PR18	43	9.50	-102	7.70	3492.0	80138.46	0.06	0.17	14.30	-105.72
PR19	43	7.75	-102	8.40	3425.0	80140.86	0.02	0.11	13.04	-104.79
PR20	43	6.30	-102	8.42	3381.0	80143.60	0.01	0.09	13.83	-102.52
PR21	43	4.55	-102	8.44	3502.0	80135.54	0.14	0.15	19.77	-100.54
PR22	43	2.80	-102	8.45	3487.0	80140.39	0.35	0.15	25.85	-93.74
PR23	43	2.80	-102	10.85	3489.0	80137.94	0.16	0.13	23.58	-96.28
PR24	43	2.80	-102	13.15	3446.0	80137.05	0.49	0.14	18.65	-99.40
PR25	43	1.05	-102	12.55	3498.0	80138.75	0.31	0.14	27.87	-92.14
PR26	43	3.68	-102	12.00	3519.0	80132.21	0.02	0.13	19.35	-101.68
PR27	43	3.68	-102	14.30	3520.0	80130.64	0.01	0.12	17.87	-103.21
PR28	43	5.40	-102	13.15	3520.0	80131.76	0.00	0.14	16.41	-104.67
PR29	43	5.40	-102	10.85	3478.0	80136.03	0.11	0.12	16.73	-102.82
PR30	43	7.75	-102	10.82	3432.0	80139.79	0.00	0.11	12.63	-105.46
PR31	43	9.50	-102	10.12	3420.0	80135.76	0.28	0.16	4.84	-112.51
PR32	43	13.00	-102	10.13	3554.0	80138.68	0.06	0.22	15.08	-107.02
PR33	43	14.75	-102	11.30	3531.0	80144.75	0.10	0.23	16.36	-104.91
PR34	43	7.75	-102	13.65	3438.0	80139.69	0.02	0.10	13.09	-105.19
PR35	43	9.50	-102	13.65	3350.0	80149.19	0.07	0.10	11.69	-103.53
PR36	43	11.25	-102	13.65	3343.0	80151.12	0.11	0.15	10.32	-104.56
WK1	43	12.22	-102	16.02	3325.0	80153.78	0.16	0.10	9.83	-104.43
WK2	43	14.07	-102	17.90	3215.0	80165.96	0.03	0.11	8.89	-101.72
WK3	43	14.18	-102	19.63	3220.0	80167.61	0.02	0.07	10.84	-99.99
WK4	43	12.10	-102	19.92	3445.0	80150.71	0.09	0.13	18.22	-100.20
WK5	43	10.75	-102	19.62	3510.0	80144.42	0.03	0.19	20.07	-100.58
WK6	43	8.98	-102	20.78	3250.0	80160.35	0.18	0.08	14.23	-97.46
WK7	43	8.45	-102	21.95	3243.0	80160.35	0.04	0.05	14.37	-97.25
M1	43	9.63	-102	22.92	3140.0	80169.85	0.16	0.11	12.41	-95.49
M2	43	10.55	-102	25.38	3130.0	80174.66	0.23	0.09	14.89	-92.61
M3	43	12.97	-102	26.90	3020.0	80182.30	1.29	0.25	8.55	-93.96
M4	43	13.90	-102	28.18	3050.0	80186.62	0.06	0.07	14.29	-90.66
M5	43	12.65	-102	29.17	3077.0	80182.39	0.65	0.13	14.48	-90.75
WK8	43	7.90	-102	20.23	3395.0	80147.32	0.01	0.08	16.45	-100.38
D1	43	7.13	-102	17.87	3338.0	80148.04	0.19	0.06	12.97	-101.75
WK9	43	7.77	-102	16.07	3446.0	80141.69	0.08	0.10	15.81	-102.68
D2	43	6.25	-102	20.23	3413.0	80143.12	0.01	0.06	16.43	-101.05
D3	43	4.43	-102	20.23	3320.0	80143.48	0.21	0.08	10.78	-103.28
D4	43	2.78	-102	20.23	3493.0	80129.64	0.06	0.11	15.69	-104.43
MSW1	43	2.78	-102	22.60	3414.0	80133.29	0.06	0.08	11.91	-105.52
MSW2	43	4.53	-102	22.60	3493.0	80131.46	0.02	0.11	14.88	-105.28
MSW3	43	6.43	-102	22.68	3505.0	80135.53	0.44	0.16	17.22	-102.89
MSW4	43	3.67	-102	23.78	3409.0	80135.23	0.01	0.06	12.05	-105.29
MSW5	43	2.78	-102	24.98	3412.0	80132.07	0.03	0.06	10.51	-106.91
MSW6	43	1.05	-102	26.13	3416.0	80128.24	0.01	0.08	9.66	-107.90
MSW7	43	2.78	-102	27.32	3422.0	80131.39	0.02	0.05	10.77	-107.02
MSW8	43	1.92	-102	29.12	3352.0	80133.69	0.03	0.03	7.78	-107.61
D5	43	2.97	-102	18.17	3398.0	80137.14	0.04	0.10	13.97	-102.92
D6	43	2.82	-102	15.50	3401.0	80136.48	0.56	0.15	13.82	-102.60
D7	43	4.10	-102	15.50	3510.0	80130.71	0.10	0.12	16.37	-104.28
D8	43	3.67	-102	16.68	3446.0	80136.15	0.05	0.09	16.44	-102.09
E3NE1	43	11.28	-103	49.08	3688.0	80145.40	0.16	-0.04	36.99	-89.87
E3NE2	43	9.43	-103	49.08	3846.0	80130.17	0.03	-0.01	39.40	-92.99
E3NE3	43	7.82	-103	47.95	3806.0	80125.26	0.00	-0.04	33.15	-97.92

E3NE4	43	11.28	-103	46.78	3570.0	80150.35	0.04	-0.05	30.85	-92.10
E3NE5	43	13.02	-103	45.58	3543.0	80159.32	0.13	-0.07	34.66	-87.29
E3NE6	43	14.77	-103	46.75	3675.0	80155.35	0.16	-0.03	40.46	-85.94
E3NE7	43	14.77	-103	49.20	3773.0	80147.10	0.01	0.00	41.43	-88.46
E3NE8	43	13.02	-103	49.73	3816.0	80141.21	0.01	-0.01	42.21	-89.16
E3NE9	43	11.90	-103	52.12	3766.0	80140.89	0.47	-0.05	38.88	-90.36
E3NW1	43	11.30	-103	54.55	3766.0	80138.25	0.04	-0.07	37.14	-92.55
E3NW2	43	12.03	-103	56.88	3698.0	80142.46	0.47	-0.04	33.86	-93.04
E3NW3	43	10.47	-103	57.73	3757.0	80135.61	0.05	-0.06	34.90	-94.46
E3NW4	43	8.68	-103	58.03	3862.0	80125.51	0.02	-0.02	37.37	-95.58
E3NW5	43	9.20	-103	55.58	3862.0	80127.03	0.09	-0.01	38.11	-94.77
E3NW6	43	9.98	-103	53.35	3783.0	80133.49	0.02	-0.03	35.97	-94.29
E3NE10	43	10.43	-103	51.47	3748.0	80139.08	0.00	-0.06	37.59	-91.51
E3SE1	43	6.07	-103	48.00	3822.0	80118.08	0.02	-0.05	30.11	-101.50
E3SE2	43	4.33	-103	48.00	3757.0	80117.00	0.09	-0.07	25.53	-103.79
E3SE3	43	4.33	-103	45.64	3678.0	80123.78	0.49	-0.06	24.89	-101.32
E3SE4	43	3.47	-103	50.27	3891.0	80107.47	0.23	0.00	29.89	-103.82
E3SE5	43	2.00	-103	48.00	3816.0	80108.47	0.01	-0.06	26.06	-105.37
E3SE6	43	1.73	-103	50.25	3760.0	80112.67	0.04	-0.07	25.40	-104.08
E3SE7	43	0.43	-103	51.42	3711.0	80112.44	0.01	-0.06	22.52	-105.30
E3SE8	43	1.50	-103	45.45	3825.0	80111.25	0.05	0.02	30.43	-101.18
E4SW1	43	1.30	-103	42.70	3753.0	80117.41	0.72	0.03	30.13	-98.33
E4SW2	43	1.28	-103	40.83	3593.0	80127.51	0.00	-0.10	25.22	-98.60
E4SW3	43	2.58	-103	39.62	3527.0	80133.18	0.07	-0.10	22.73	-98.76
E4SW4	43	4.33	-103	39.58	3511.0	80139.01	0.17	-0.09	24.42	-96.41
E4SW5	43	6.08	-103	39.58	3501.0	80144.46	0.24	-0.09	26.30	-94.12
E4SW6	43	6.95	-103	40.78	3488.0	80146.96	0.33	-0.07	26.27	-93.59
E4SW7	43	6.72	-103	43.35	3615.0	80135.35	0.01	-0.09	26.94	-97.62
E4SW8	43	1.28	-103	38.48	3563.0	80127.40	0.04	-0.09	22.29	-100.46
E4SE1	43	1.28	-103	36.12	3645.0	80122.12	0.04	-0.07	24.72	-100.82
E4SE2	43	0.85	-103	33.77	3799.0	80115.80	0.00	-0.01	33.52	-97.28
E4SE3	43	0.85	-103	31.40	3885.0	80112.69	0.35	0.07	38.49	-94.83
O3SW1	43	0.85	-103	29.03	3730.0	80119.94	0.13	-0.02	31.17	-97.14
O3SW2	43	0.85	-103	26.70	3661.0	80117.92	0.02	-0.04	22.67	-103.41
O3SW3	43	0.05	-103	24.25	3617.0	80113.21	0.03	-0.04	15.02	-109.53
O3SW4	43	1.70	-103	24.35	3638.0	80113.69	0.03	-0.05	15.00	-110.29
O3SW5	43	3.43	-103	23.32	3629.0	80118.94	0.02	-0.05	16.80	-108.19
O3NW1	43	13.00	-103	23.52	3458.0	80147.80	0.06	-0.06	15.18	-103.91
O3NW2	43	13.87	-103	25.55	3322.0	80158.30	0.23	-0.05	11.59	-102.66
O3NW3	43	12.97	-103	26.73	3380.0	80154.80	0.01	-0.04	14.89	-101.55
O3NW4	43	14.57	-103	27.15	3435.0	80154.89	0.08	-0.04	17.74	-100.52
O3NE1	43	9.52	-103	17.25	3419.0	80140.30	0.01	-0.08	9.25	-108.57
O3NE2	43	9.52	-103	19.63	3497.0	80137.18	0.03	-0.06	13.46	-106.99
O3NE3	43	9.52	-103	21.98	3570.0	80137.73	0.00	-0.04	20.88	-102.10
O3NE4	43	11.25	-103	21.98	3510.0	80141.03	0.01	-0.06	15.93	-104.99
O3NE5	43	11.25	-103	19.63	3455.0	80143.71	0.00	-0.07	13.44	-105.61
O3NE6	43	11.25	-103	17.25	3425.0	80142.89	0.02	-0.08	9.80	-108.22
O3NE7	43	13.00	-103	16.23	3330.0	80150.96	0.13	-0.07	6.31	-108.33
O3NE8	43	14.73	-103	16.07	3346.0	80150.28	0.11	-0.08	4.53	-110.69
O3NE9	43	14.67	-103	18.07	3268.0	80156.82	0.67	-0.02	3.82	-108.09
O3NE10	43	13.00	-103	18.43	3356.0	80150.49	0.06	-0.08	8.28	-107.33
O3NE11	43	13.00	-103	20.78	3435.0	80147.96	0.02	-0.07	13.18	-105.17
O3NE12	43	14.73	-103	20.78	3392.0	80151.71	0.03	-0.07	10.28	-106.58
O3NE13	43	7.77	-103	18.45	3556.0	80129.62	0.03	-0.04	14.08	-108.38
O3NE14	43	7.77	-103	20.78	3615.0	80126.99	0.01	-0.03	17.00	-107.50
O3SE1	43	6.03	-103	20.78	3553.0	80130.60	0.06	-0.06	17.40	-104.95

O3SE2	43	4.30	-103	20.78	3606.0	80124.85	0.00	-0.05	19.24	-104.98
O3SE3	43	2.55	-103	20.78	3576.0	80121.10	0.02	-0.06	15.30	-107.88
O3SE4	43	0.83	-103	20.78	3586.0	80116.62	0.01	-0.06	14.35	-109.19
O3SE5	43	3.43	-103	18.60	3543.0	80129.26	0.08	-0.06	19.03	-102.95
O3SE6	43	3.43	-103	16.07	3504.0	80132.32	0.23	-0.05	18.43	-102.06
O3SE7	43	5.17	-103	18.43	3481.0	80132.89	0.23	-0.05	14.22	-105.48
O3SE8	43	6.92	-103	18.43	3553.0	80130.07	0.01	-0.04	15.53	-106.85
O3SE9	43	6.92	-103	16.07	3497.0	80131.90	0.05	-0.06	12.10	-108.34
SSW1	43	18.22	-103	14.87	3323.0	80159.79	0.19	-0.05	6.62	-107.69
SSW2	43	19.95	-103	13.37	3222.0	80166.82	0.01	-0.07	1.55	-109.50
SSW3	43	21.70	-103	13.37	3199.0	80172.65	0.00	-0.07	2.58	-107.68
SSW4	43	21.70	-103	11.02	3232.0	80169.39	0.03	-0.07	2.43	-108.94
SSE5	43	17.12	-103	13.67	3300.0	80155.35	0.32	-0.05	1.67	-111.72
SSW6	43	18.20	-103	12.50	3294.0	80156.39	0.05	-0.06	0.52	-112.94
SSW7	43	17.80	-103	10.13	3530.0	80138.79	0.20	0.16	5.71	-115.49
SSE1	43	16.98	-103	7.25	3442.0	80147.15	0.07	0.05	7.03	-111.39
SSE2	43	17.27	-103	5.38	3340.0	80157.35	0.02	-0.03	7.21	-107.84
SSE3	43	18.83	-103	3.87	3235.0	80166.79	0.04	-0.08	4.43	-107.04
SSE4	43	16.83	-103	2.93	3310.0	80160.87	0.08	-0.03	8.57	-105.39
SSE5	43	17.27	-103	0.62	3222.0	80169.53	0.04	-0.08	8.30	-102.73
SSW8	43	16.48	-103	12.52	3353.0	80148.82	0.06	-0.06	1.09	-114.39
O4NW1	43	14.73	-103	12.23	3503.0	80137.14	0.03	0.03	6.15	-114.43
O4NW2	43	13.00	-103	12.52	3421.0	80142.49	0.01	-0.06	6.39	-111.48
O4NW3	43	11.27	-103	12.52	3382.0	80143.21	0.00	-0.08	6.05	-110.51
O4NW4	43	11.27	-103	10.13	3329.0	80146.61	0.23	-0.08	4.47	-110.04
O4NW5	43	11.27	-103	7.77	3205.0	80156.32	0.01	-0.09	2.52	-107.96
O4NW6	43	13.02	-103	7.77	3172.0	80159.75	0.02	-0.08	0.21	-109.12
O4NE1	43	12.90	-103	5.55	3130.0	80165.21	0.18	-0.09	1.91	-105.83
O4NE2	43	11.20	-103	5.35	3343.0	80148.46	0.87	0.02	7.74	-106.51
O4NE3	43	14.45	-103	3.35	3340.0	80152.60	0.87	0.05	6.70	-107.41
O4NE4	43	14.45	-103	0.58	3094.0	80168.64	0.24	-0.10	-0.38	-106.83
O4NE5	43	9.73	-103	4.25	3179.0	80156.39	0.04	-0.10	2.46	-107.11
O4NE7	43	8.23	-103	3.08	3153.0	80152.61	0.08	-0.09	-1.50	-110.13
O4SE1	43	6.65	-103	3.02	3396.0	80131.35	0.53	-0.01	2.46	-113.98
O4SE2	43	5.17	-103	3.03	3320.0	80130.75	0.19	-0.07	-3.06	-117.29
O4SE3	43	3.25	-103	2.45	3360.0	80121.22	0.00	-0.07	-5.94	-121.73
O4SE4	43	1.75	-103	2.10	3483.0	80109.54	0.16	0.01	-3.80	-123.58
O4SE5	43	0.82	-103	1.37	3484.0	80108.54	0.17	0.02	-3.31	-123.10
O4NW7	43	9.53	-103	12.52	3382.0	80139.00	0.01	-0.08	4.46	-112.09
O4NW8	43	11.06	-103	14.86	3342.0	80146.73	0.16	-0.08	6.12	-108.90
O4NW9	43	9.53	-103	14.88	3399.0	80139.43	0.00	-0.09	6.49	-110.67
O4NW10	43	7.78	-103	13.70	3408.0	80134.23	0.00	-0.08	4.77	-112.69
O4SW1	43	6.05	-103	13.70	3481.0	80132.43	0.01	-0.05	12.43	-107.49
O4SW2	43	6.05	-103	11.32	3570.0	80123.05	0.04	0.01	11.42	-111.47
O4SW3	43	4.30	-103	13.70	3527.0	80130.87	0.13	-0.04	17.83	-103.54
O4SW4	43	2.57	-103	9.00	3609.0	80113.49	0.00	0.02	10.76	-113.49
O4SW5	43	2.57	-103	11.35	3648.0	80116.21	0.11	0.03	17.15	-108.32
O4SW6	43	2.57	-103	13.67	3665.0	80118.64	0.09	0.02	21.17	-104.91
O4SW7	43	0.83	-103	13.67	3658.0	80113.72	0.03	0.01	18.22	-107.70
PR1	43	1.75	-102	30.17	3324.0	80134.97	0.14	0.04	6.68	-107.63
PR2	43	1.65	-102	32.63	3251.0	80141.82	0.70	0.05	6.82	-104.41
PR3	43	2.78	-102	31.70	3276.0	80141.10	0.42	0.06	6.75	-105.61
PR4	43	2.98	-102	34.03	3220.0	80144.16	0.06	0.04	4.25	-106.57
PR5	43	4.63	-102	34.87	3169.0	80152.72	0.06	0.07	5.53	-103.51
PR6	43	6.17	-102	37.00	3104.0	80162.62	0.42	0.09	7.00	-99.42
PRSW1	43	7.12	-102	38.83	3122.0	80164.28	0.26	0.02	8.92	-98.35

PR7	43	5.73	-102	33.87	3440.0	80137.85	0.08	0.08	14.48	-103.83
PR8	43	0.48	-102	33.25	3296.0	80151.89	0.07	0.01	22.88	-90.57
PR9	43	1.62	-102	35.60	3248.0	80143.68	0.97	0.06	8.44	-102.41
PR10	43	1.82	-102	37.25	3488.0	80136.25	0.23	0.08	23.27	-96.53
SBNE1	43	9.55	-102	48.95	2986.0	80182.80	0.01	-0.12	11.00	-91.99
SBNE2	43	7.80	-102	48.65	2996.0	80175.80	0.00	-0.09	7.57	-95.74
SB1	43	5.67	-102	48.60	3020.0	80166.41	0.02	-0.07	3.65	-100.45
SBNE3	43	7.82	-102	51.43	3080.0	80169.08	0.07	-0.09	8.72	-97.41
SBNW1	43	7.82	-102	54.20	3042.0	80167.64	0.42	-0.05	3.71	-100.73
SBNW2	43	7.55	-102	56.25	3165.0	80155.72	0.04	-0.11	3.76	-105.34
SBSW1	43	6.25	-102	56.25	3140.0	80153.39	0.09	-0.07	1.03	-107.12
SBSW2	43	4.93	-102	55.65	3290.0	80142.53	0.43	-0.04	6.26	-106.67
SBSW3	43	4.40	-102	53.87	3307.0	80143.22	0.22	-0.04	9.35	-104.38
SBNW3	43	8.70	-102	57.20	3170.0	80159.14	0.01	-0.11	5.92	-103.38
SBNW4	43	9.57	-102	59.03	3071.0	80167.53	0.02	-0.12	3.69	-102.21
SBNW5	43	10.43	-102	57.37	3113.0	80169.43	0.04	-0.11	8.25	-99.07
SBNW6	43	11.32	-102	58.55	3033.0	80175.39	0.01	-0.13	5.35	-99.27
SBNW7	43	11.30	-102	56.17	3022.0	80177.61	0.02	-0.13	6.56	-97.67
SBNW8	43	13.03	-102	55.00	2975.0	80184.07	0.02	-0.14	6.00	-96.62
SBNW9	43	11.48	-102	53.80	3020.0	80180.57	0.03	-0.13	9.06	-95.09
SBNE4	43	11.30	-102	51.32	3008.0	80183.05	0.00	-0.13	10.69	-93.08
SBNE5	43	11.30	-102	49.05	2951.0	80187.78	0.03	-0.13	10.06	-91.72
SBNE6	43	12.85	-102	48.12	2936.0	80191.00	0.20	-0.12	9.53	-91.55
SBNE7	43	14.20	-102	49.05	2898.0	80192.98	0.28	-0.10	5.91	-93.77
SBNE8	43	11.28	-102	46.12	3004.0	80185.24	0.00	-0.11	12.53	-91.08
SBNE9	43	9.18	-102	46.52	3100.0	80181.82	0.05	-0.06	21.29	-85.51
O1	43	11.25	-102	44.28	3000.0	80185.90	0.03	-0.07	12.86	-90.54
O2	43	12.30	-102	45.55	2971.0	80188.28	0.03	-0.09	10.93	-91.49
O2	43	14.65	-102	43.32	3015.0	80186.94	0.01	-0.06	10.19	-93.74
O3	43	10.47	-102	42.43	3010.0	80183.12	0.10	0.02	12.19	-91.39
O4	43	10.77	-102	39.63	3400.0	80155.50	0.05	0.15	20.78	-96.11
O5	43	10.40	-102	37.62	3460.0	80145.78	0.82	0.13	17.26	-100.95
PRNE1	43	10.52	-102	36.63	3575.0	80143.94	0.03	0.29	26.05	-96.73
PRNE2	43	12.12	-102	35.62	3350.0	80163.01	0.10	0.09	21.56	-93.63
PRNE3	43	13.80	-102	34.95	3075.0	80184.08	0.50	0.06	14.25	-91.13
O6	43	8.67	-102	40.90	3020.0	80175.87	1.18	0.12	8.59	-94.16
O7	43	8.52	-102	39.48	3055.0	80168.92	0.73	0.19	5.16	-99.17

Appendix B:
Gravity base station descriptions

GRAVITY BASE STATION

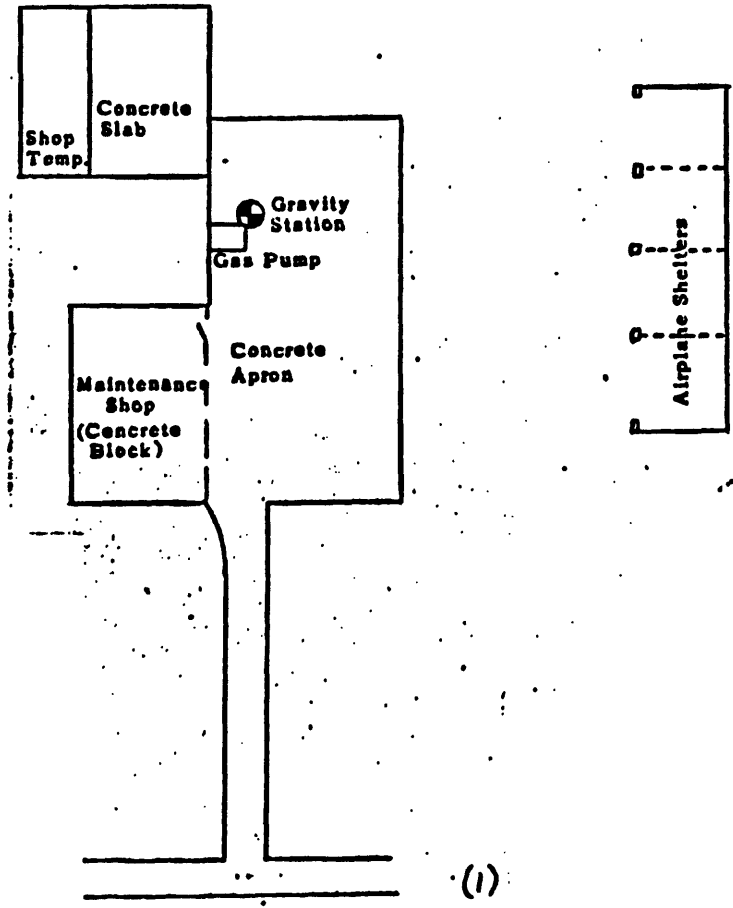
LATITUDE $^{\circ}$ 43 23.40' N (1)		STATION DESIGNATION WINNER	
LONGITUDE 99 50.55' W (1)			
ELEVATION 621.19 METERS (1)		COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1648-1		B(71) = 980239.31 g = 980 253.00 mgals	
IGC 15438L			
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is one mile north of Winner, South Dakota, at the Airport.

Observations were made on the northeast corner of a gas pump (hand) on the concrete ramp. The pump is approximately 10 feet north of the northeast corner of the maintenance shop.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

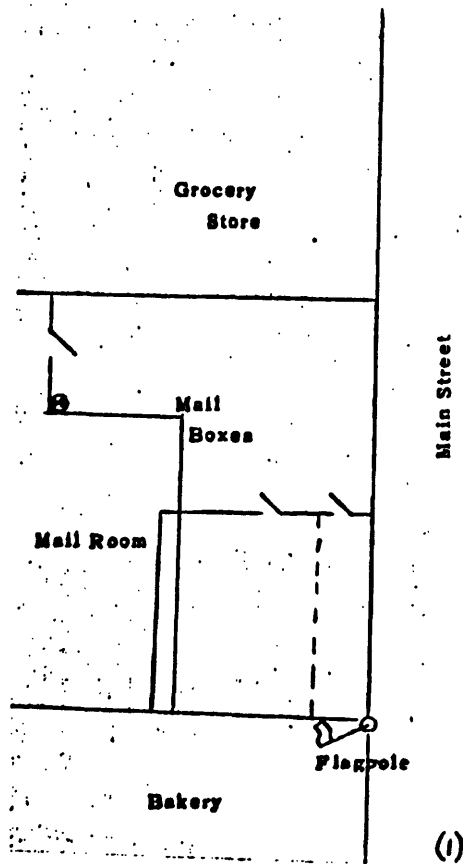
LATITUDE		43° 34.05' N (1)		STATION DESIGNATION		WHITE RIVER	
LONGITUDE		100° 44.70' W (1)		COUNTRY/STATE		USA/South Dakota	
ELEVATION		630.00 METERS (1)		ADOPTED GRAVITY VALUE		g(71) = 980244.95	
REFERENCE CODE NUMBERS		ACIC 1647-1		g = 980 258.64		mgals	
		IGC 15530B		ESTIMATED ACCURACY		DATE	
				± 0.1 mgals		MONTH/YEAR	
						Jan/1968	

DESCRIPTION AND/OR SKETCH

The station is in White River, South Dakota, on the Main Street, at the Post Office (1961).

Observations were made in the mail box room, 1 meter south of the service door and 5 meters northwest of the main entrance.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

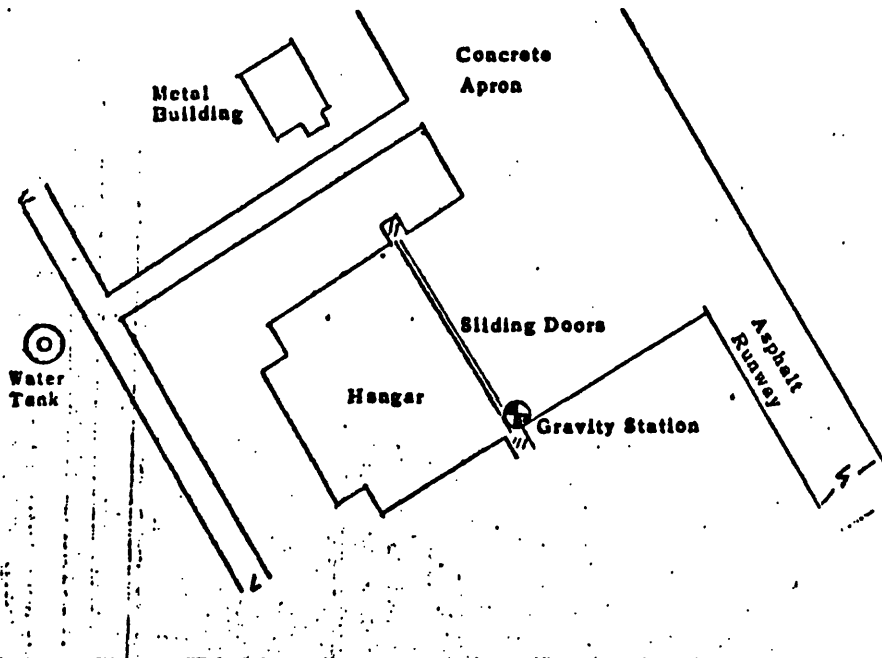
LATITUDE 43° 46.12' N (1)		STATION DESIGNATION MITCHELL	
LONGITUDE 98° 02.39' W (1)			
ELEVATION 393.19 METERS (1)		COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1638-1		$g(71) = 980367.33$	
IGC 15438J		$g = 980\ 381.02$ mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is 3 miles north of Mitchell, South Dakota, at the Municipal Airport.

Observations were made on the field side of the wooden frame hangar, at the northeast corner of the south door casing, on the concrete floor.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

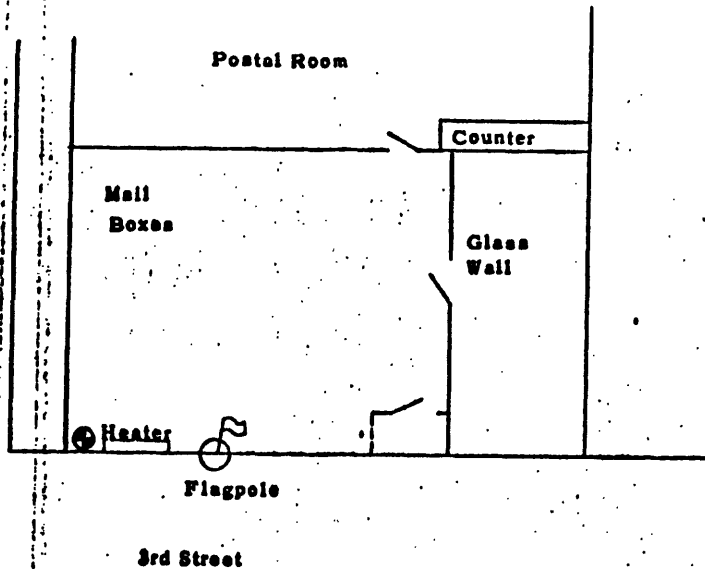
LATITUDE 43° 10.50' N (1)		STATION DESIGNATION MARTIN	
LONGITUDE 100° 44.10' W (1)			
ELEVATION 1014.99 METERS (1)		COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIG 1635-1		g(71) = 980160.61	
IGC 15530C		g = 980 174.30 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located at the Martin, South Dakota, Post Office at 3rd and State Streets.

Observations were made in the mailbox room, at the northwest corner, 8 feet north of the entrance, next to a heater.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

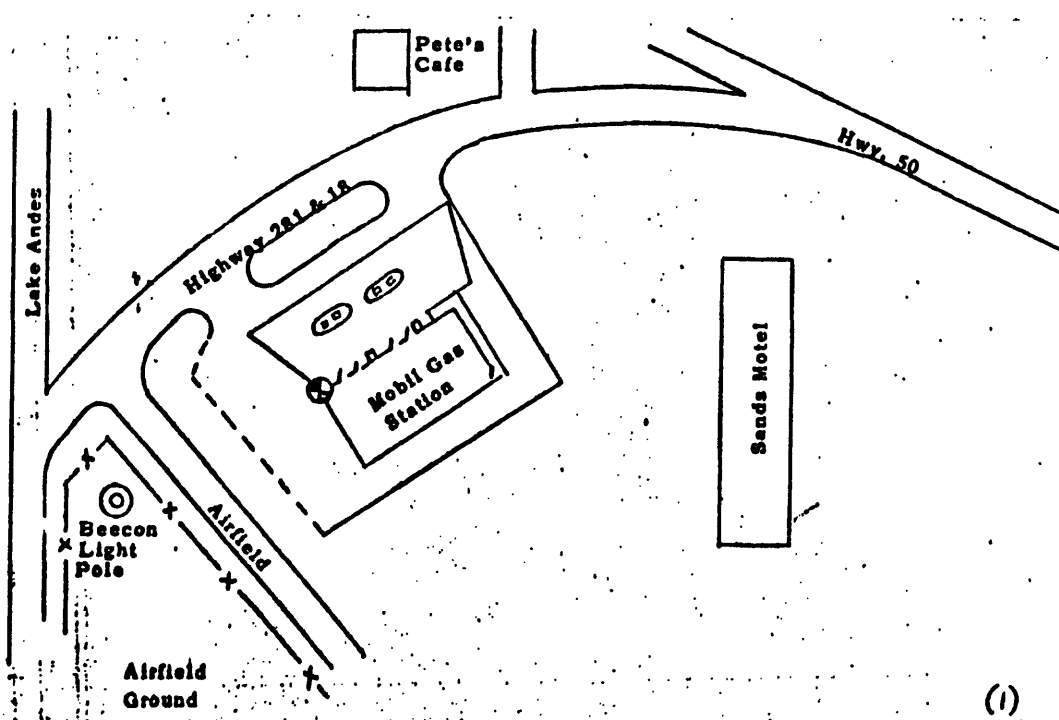
LATITUDE	43° 09.16' N	(1)	STATION DESIGNATION LAKE ANDES	
LONGITUDE	98° 32.52' W	(1)		
ELEVATION	451.10	METERS (1)	COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS			ADOPTED GRAVITY VALUE	
ACIC 1634-1			g(71) = 980280.69 g = 980 294.38 mgals	
IGC 15438M				
			ESTIMATED ACCURACY	DATE
			± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is south of Lake Andes, South Dakota, at the Mobil Gas Station on Highway 281 and 18. The gas station is 0.25 miles west of the junction with Highway 50, and 0.5 miles north of the new airfield.

Observations were made on the west corner of the gas station building, on the concrete sidewalk.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

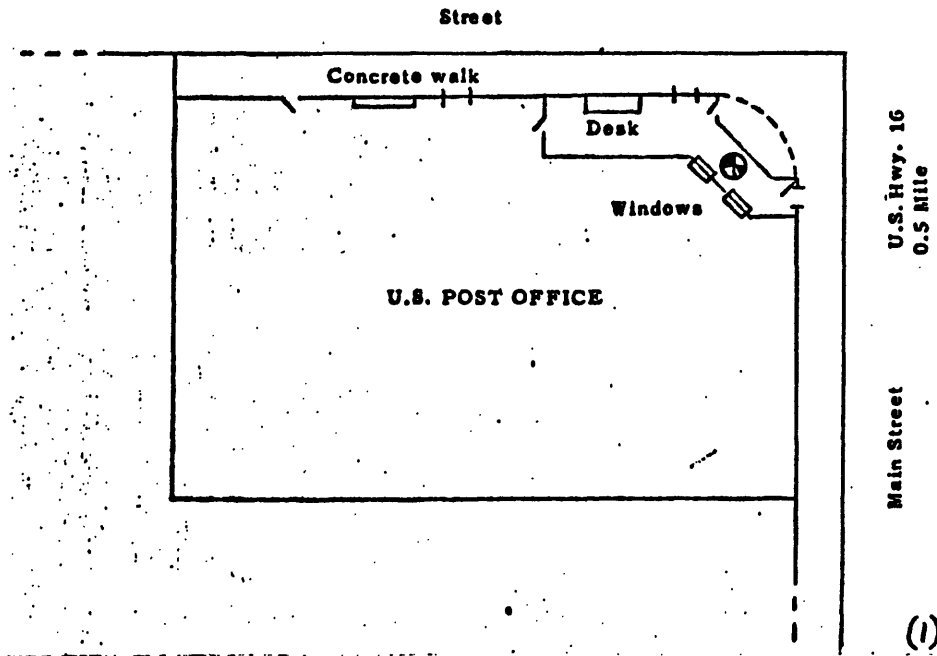
LATITUDE 43° 49.95' N (1)		STATION DESIGNATION KADOKA	
LONGITUDE 101° 30.60' W (1)			
ELEVATION 749.81 METERS (1)		COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE	
ACIC 1633-1		g(71)= 980266.59	
IGC 15531B		g = 980 280.28 mgals	
		ESTIMATED ACCURACY	DATE
		± 0.1 mgals	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Kadoka, South Dakota, on the main street at the Post Office.

Observations were made inside the Post Office, at the window between the two northeast corner entrances, on the tile floor.

The station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

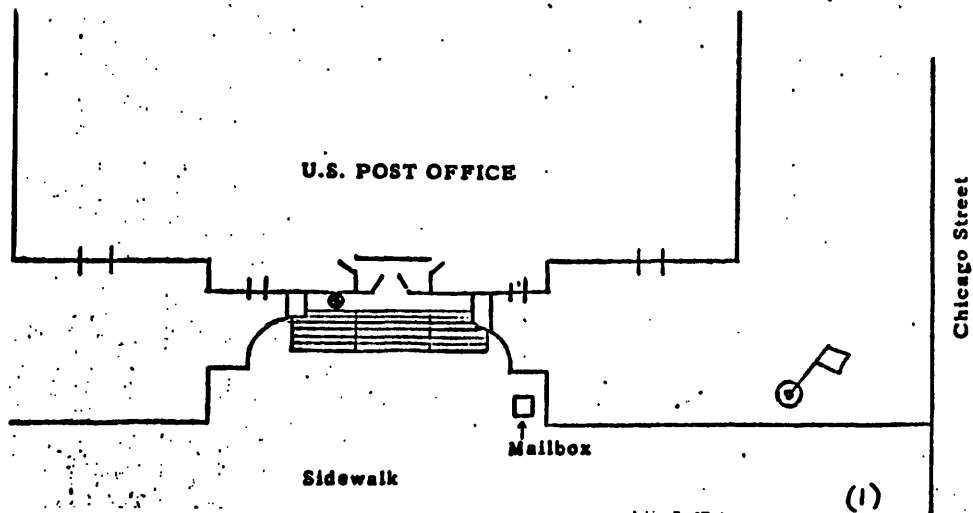
LATITUDE 43° 25.89' N (1)	STATION DESIGNATION HOT SPRINGS	
LONGITUDE 103° 28.50' W (1)		
ELEVATION 1054.61 METERS (1)	COUNTRY/STATE USA/South Dakota	
REFERENCE CODE NUMBERS		ADOPTED GRAVITY VALUE
ACIC 1631-1	g(71) = 980173.13 g = 980 186.82 mgals	
IGC 15533B		
	ESTIMATED ACCURACY ± 0.1 mgals	DATE MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is in Hot Springs (on Highway 385, 87) at the Post Office, which is a one story stone building at the intersection of Jennings Avenue and Chicago Street.

Observations were made on the front (south) porch of the Post Office, about one meter above ground level, one meter west of the entrance doors, on the concrete.

The station is monumented with a USAF Gravity Disk. (1)



REFERENCE SOURCE

(1) 05112

GRAVITY BASE STATION

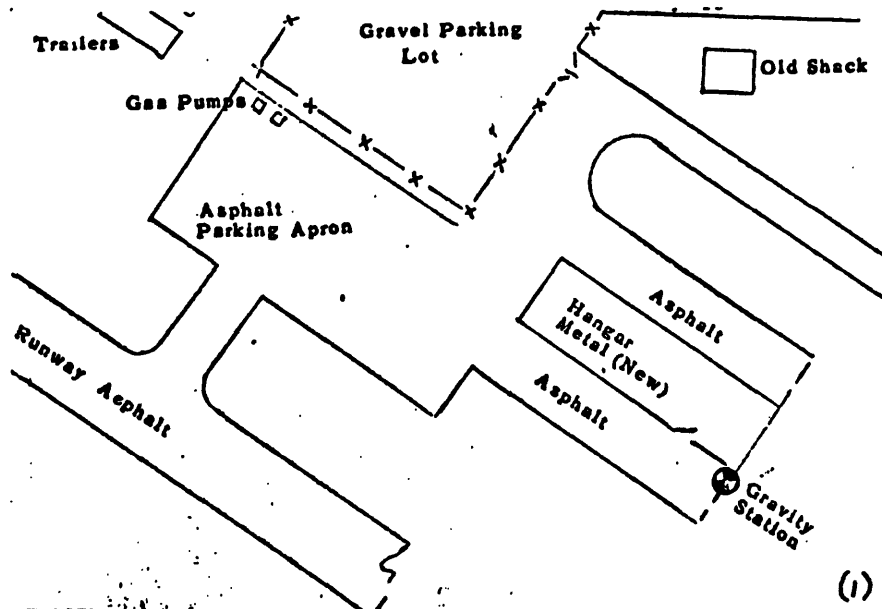
LATITUDE <div style="text-align: center;">43° 47.40' N (1)</div>	STATION DESIGNATION <div style="text-align: center;">CHAMBERLAIN</div>
LONGITUDE <div style="text-align: center;">99° 19.20' W (1)</div>	
ELEVATION <div style="text-align: center;">524.37 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/South Dakota</div>
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 1627-1	g(71) = 980327.55 δ = 980 341.24 mgals
IGC 15439J	
	ESTIMATED ACCURACY
	± 0.1 mgals
	DATE
	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is 1.5 miles south of Chamberlain, South Dakota, at the airport.

Observations were made at the southeast corner of the most westerly metal hangar, on the concrete building foundation footing.

The station is monumented with a "USAF Gravity Disk". (1)



KNCE SOURCE

(1) 05112

GRAVITY BASE STATION

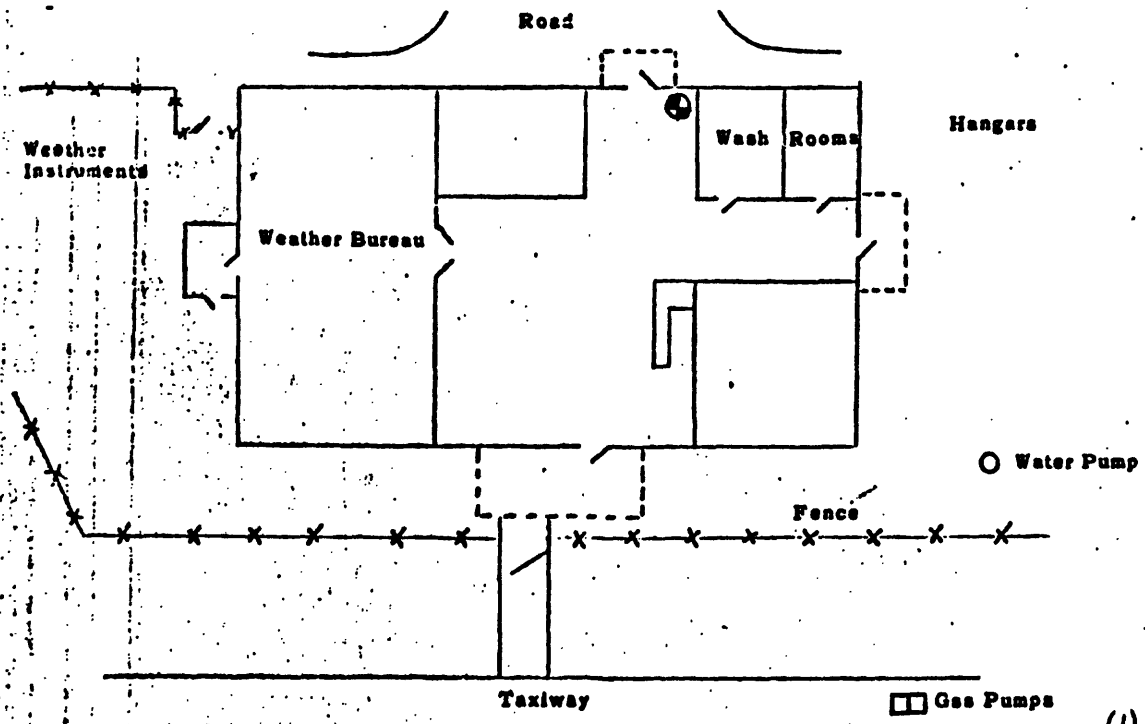
LATITUDE <div style="text-align: center;">42° 52.00' N (1)</div>	STATION DESIGNATION <div style="text-align: center;">VALENTINE</div>
LONGITUDE <div style="text-align: center;">100° 33.00' W (1)</div>	
ELEVATION <div style="text-align: center;">788.52 METERS (1)</div>	COUNTRY/STATE <div style="text-align: center;">USA/Nebraska</div>
REFERENCE CODE NUMBERS	ADOPTED GRAVITY VALUE
ACIC 0636-1	$g(71) = 980198.09$ $\delta = 980211.78$ mgals
IGC 15520J	
	ESTIMATED ACCURACY
	DATE
	± 0.1 mgals
	MONTH/YEAR Jan/1968

DESCRIPTION AND/OR SKETCH

The station is located near Valentine, Nebraska, at the Valentine Airport.

Observations were made in the Administration Building, near the northeast corner, 5 feet east of the north entrance to the waiting room.

The station is monumented with a "USAF Gravity Disk". (1)



REFERENCE SOURCE

(1) 05111