



TAKING INGENUITY TO NEW HEIGHTS

August 8, 2011

Mr. Walter W. Haase
Navajo Tribal Utility Authority
PO Box 170
North Indian Route 12
Fort Defiance, AZ 86504-0170

Re: Consent to obtain Special Temporary Authority on licensed spectrum

Dear Mr. Haase:

By this letter, Space Data Spectrum Holdings, LLC ("Space Data") consents to the Federal Communications Commission ("FCC") Office of Engineering and Technology granting to the Navajo Tribal Utility Authority ("NTUA") a Special Temporary Authority ("STA") to conduct experimental operations for the purpose of testing in the 930.1000 - 930.4000 MHz band and in the 930.8000 - 931.0000 MHz band for the geographic area comprising the contiguous Navajo Nation, as depicted in the maps in Schedule 1 together with the coordinates in Schedules 2, 3 and 4, until February 09, 2012. This consent is for an STA allowing operation of transmitters within the limits of the current narrowband personal communications services ("NPCS") rules.

Space Data is licensee of following NPCS licenses which together comprise the frequencies covered by this consent.

Call Sign	Channel Block	930 Freqs. (To be Disaggregated)	Market Code	Geography (before partitioning)
WPXI876	21	930.100-930.150	NWA255	U.S. and Possessions
WPXI877	22	930.150-930.300	NWA255	U.S. and Possessions
WPXI935	29	930.800-930.850	MTA027	Phoenix
WPXI959	29	930.800-930.850	MTA039	El Paso-Albuquerque
WPXJ231	30	930.300-930.400	MTA027	Phoenix
WPXJ256	30	930.300-930.400	MTA039	El Paso-Albuquerque
WQBZ655	31	930.850-930.925	MTA027	Phoenix
WQEM400	31	930.925-931.000	MTA027	Phoenix
WPUH485	31	930.925-931.000	MTA039	El Paso-Albuquerque
WQEI599	31	930.850-930.925	MTA039	El Paso-Albuquerque

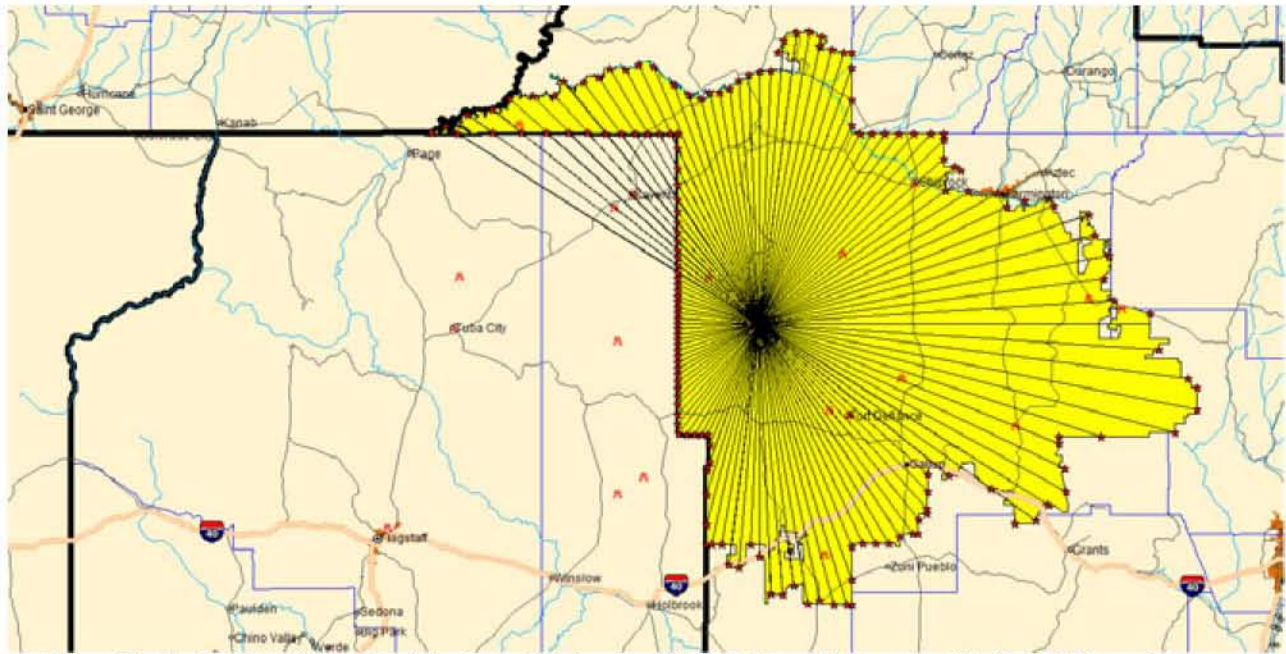
Please contact the undersigned if you have any questions.

Sincerely,

Gerald Knoblach
Chairman and CEO
Knoblach@spacedata.net
(480) 403-0030

A map of the Fort Defiance Indian Reservation in Arizona. The reservation boundary is highlighted in yellow. Major roads shown include US-19 running north-south and AZ-66 running east-west. Towns and locations marked include Fort Defiance, Chinle, Tuba City, and Navajo. The map also shows surrounding areas like the Navajo Nation and the Hopi Tribe.

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Map of Latitude / Longitude Combinations defining Partition of Offered Licenses with MTA 039 market area

SCHEDULE 2
LATITUDE / LONGITUDE COMBINATIONS DEFINING PARTITION FROM NATIONWIDE LICENSES

	Latitude	Longitude		Latitude	Longitude
	(DD-MM-SS.S-D)	(DD-MM-SS.S-D)		(DD-MM-SS.S-D)	(DD-MM-SS.S-D)
1	36-31-0.3-N	111-49-39.9-W	31	36-34-16.6-N	111-46-43.2-W
2	35-10-12.4-N	109-54-42.6-W	32	36-35-59.1-N	111-45-21.7-W
3	35-10-13.6-N	110-2-55.5-W	33	36-38-51.1-N	111-45-8.7-W
4	35-10-13.7-N	110-10-7.2-W	34	36-40-41.3-N	111-43-44.1-W
5	35-10-13.3-N	110-16-30.8-W	35	36-42-25.8-N	111-42-11.5-W
6	36-40-44.5-N	111-43-47.0-W	36	36-44-39.5-N	111-40-57.2-W
7	35-10-12.1-N	110-27-30.4-W	37	36-46-12.2-N	111-39-8.2-W
8	35-10-12.3-N	110-32-19.7-W	38	36-48-49.6-N	111-37-54.4-W
9	35-10-12.5-N	110-36-47.8-W	39	36-51-1.7-N	111-36-15.9-W
10	35-10-12.6-N	110-40-58.2-W	40	36-50-32.0-N	111-33-17.1-W
11	35-10-12.5-N	110-44-53.7-W	41	36-52-28.0-N	111-31-25.4-W
12	35-10-13.1-N	110-48-37.3-W	42	36-52-28.2-N	111-28-48.5-W
13	35-10-13.3-N	110-52-10.5-W	43	36-52-28.1-N	111-26-16.8-W
14	35-9-23.1-N	110-55-18.9-W	44	36-57-13.2-N	111-24-50.0-W
15	35-9-23.1-N	110-58-39.6-W	45	35-35-2.7-N	111-17-52.0-W
16	35-9-23.3-N	111-1-54.7-W	46	35-45-17.3-N	111-19-14.5-W
17	35-42-10.9-N	111-18-29.8-W	47	35-45-24.8-N	111-20-28.2-W
18	35-39-1.7-N	111-33-16.3-W	48	35-45-25.1-N	111-21-45.7-W
19	35-43-33.9-N	111-32-13.0-W	49	35-45-25.3-N	111-23-5.8-W
20	35-44-41.5-N	111-43-18.0-W	50	35-45-25.5-N	111-24-29.3-W
21	35-56-55.1-N	111-43-31.2-W	51	35-45-25.6-N	111-25-56.7-W
22	36-9-44.5-N	111-45-44.7-W	52	35-45-25.9-N	111-27-28.7-W
23	36-11-23.8-N	111-45-45.5-W	53	35-45-26.1-N	111-29-6.7-W
24	36-13-24.1-N	111-47-52.4-W	54	35-45-26.0-N	111-30-51.6-W
25	36-15-24.6-N	111-48-47.4-W	55	35-38-52.2-N	111-38-3.7-W
26	36-17-52.0-N	111-50-50.5-W	56	35-40-19.4-N	111-39-24.1-W
27	36-19-57.4-N	111-50-53.0-W	57	35-40-19.1-N	111-42-10.4-W
28	36-22-7.9-N	111-50-56.8-W	58	35-40-43.6-N	111-44-47.6-W
29	36-25-42.5-N	111-48-57.1-W	59	35-46-4.2-N	111-41-35.8-W
30	36-33-0.5-N	111-48-40.6-W	60	35-48-19.7-N	111-41-36.3-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
61	35-51-15.1-N	111-43-34.3-W	91	35-4-48.8-N	109-43-21.9-W
62	35-49-44.0-N	111-42-40.4-W	92	35-7-3.1-N	109-33-9.4-W
63	35-53-13.8-N	111-43-34.4-W	93	35-9-38.0-N	109-2-46.3-W
64	35-57-6.0-N	111-43-2.9-W	94	35-10-11.6-N	109-36-15.1-W
65	35-55-6.3-N	111-43-34.8-W	95	35-10-13.0-N	109-48-58.7-W
66	35-58-40.0-N	111-43-25.5-W	96	35-10-13.8-N	109-45-42.3-W
67	35-59-59.5-N	111-44-39.0-W	97	35-10-18.6-N	109-50-28.4-W
68	36-1-26.1-N	111-45-44.6-W	98	35-10-34.2-N	108-59-16.0-W
69	36-3-8.1-N	111-45-44.2-W	99	35-10-36.5-N	108-55-3.8-W
70	36-6-27.4-N	111-45-43.9-W	100	35-10-37.1-N	108-50-32.7-W
71	36-4-48.4-N	111-45-43.5-W	101	35-12-20.4-N	108-47-3.5-W
72	36-8-6.0-N	111-45-44.4-W	102	35-13-8.5-N	108-42-37.2-W
73	35-10-12.1-N	110-22-15.7-W	103	35-13-12.7-N	108-40-56.3-W
74	35-9-22.8-N	111-5-5.5-W	104	35-15-52.5-N	108-9-11.6-W
75	35-9-23.1-N	111-14-23.5-W	105	35-16-46.8-N	108-2-14.4-W
76	36-24-37.8-N	111-51-31.2-W	106	35-16-58.1-N	108-40-51.5-W
77	36-28-48.4-N	111-50-15.4-W	107	35-18-27.1-N	108-38-7.0-W
78	36-40-46.3-N	111-43-48.7-W	108	35-19-44.8-N	108-38-9.5-W
79	36-59-60.0-N	111-22-36.7-W	109	35-20-54.3-N	107-58-14.5-W
80	36-59-54.3-N	111-14-23.5-W	110	35-24-23.9-N	107-52-22.8-W
81	34-54-11.5-N	109-2-42.3-W	111	35-24-25.7-N	108-37-47.2-W
82	34-54-18.0-N	109-4-22.8-W	112	35-25-19.9-N	108-17-3.5-W
83	34-54-21.4-N	109-8-49.0-W	113	35-28-47.4-N	108-30-49.7-W
84	34-54-27.8-N	109-17-15.4-W	114	35-28-54.4-N	108-37-36.4-W
85	34-55-17.9-N	109-13-20.2-W	115	35-30-36.8-N	107-52-27.6-W
86	34-57-3.5-N	109-25-34.0-W	116	35-37-13.0-N	107-54-30.9-W
87	34-57-3.9-N	109-29-22.3-W	117	35-39-9.1-N	107-54-28.8-W
88	34-59-13.9-N	109-22-3.8-W	118	35-39-10.5-N	107-40-51.1-W
89	35-1-1.9-N	109-2-46.5-W	119	35-40-11.3-N	107-16-21.2-W
90	35-4-6.6-N	109-40-0.3-W	120	35-46-25.3-N	107-8-55.2-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
121	35-52-11.4-N	107-8-55.7-W	151	37-1-57.8-N	109-2-43.9-W
122	35-54-26.5-N	107-12-5.9-W	152	37-4-55.1-N	111-9-32.9-W
123	36-2-22.2-N	107-21-33.4-W	153	37-6-24.8-N	111-1-9.2-W
124	36-11-48.4-N	107-24-39.0-W	154	37-8-59.6-N	109-2-43.4-W
125	36-15-23.0-N	107-36-26.2-W	155	37-9-12.3-N	110-55-39.2-W
126	36-21-10.4-N	107-39-52.2-W	156	37-9-17.1-N	109-52-39.4-W
127	36-27-28.4-N	107-38-12.1-W	157	37-9-59.5-N	110-48-8.7-W
128	36-32-46.6-N	107-42-33.1-W	158	37-10-8.9-N	110-40-46.3-W
129	36-38-17.6-N	107-44-49.7-W	159	37-10-21.6-N	109-56-36.4-W
130	36-38-19.1-N	107-44-44.0-W	160	37-10-50.8-N	109-49-39.4-W
131	36-40-31.3-N	108-11-44.1-W	161	37-10-55.1-N	109-46-15.6-W
132	36-40-46.8-N	107-56-10.1-W	162	37-11-49.6-N	109-43-3.9-W
133	36-42-9.4-N	108-5-49.0-W	163	37-13-1.4-N	110-1-32.6-W
134	36-42-39.1-N	107-57-54.4-W	164	37-13-40.6-N	110-31-9.1-W
135	36-43-59.6-N	108-15-9.4-W	165	37-13-48.9-N	110-37-42.3-W
136	36-44-22.7-N	108-24-14.7-W	166	37-14-6.2-N	109-39-58.2-W
137	36-44-43.3-N	108-31-44.7-W	167	37-14-48.3-N	110-26-13.7-W
138	36-50-10.6-N	108-26-55.8-W	168	37-15-37.1-N	109-36-38.0-W
139	36-51-1.2-N	108-28-51.7-W	169	37-16-21.6-N	109-33-9.4-W
140	36-53-24.4-N	108-32-24.2-W	170	37-16-48.6-N	109-29-37.0-W
141	36-58-22.7-N	108-32-30.5-W	171	37-17-3.8-N	110-17-11.0-W
142	36-59-57.9-N	108-32-34.4-W	172	37-17-12.1-N	110-22-30.8-W
143	36-59-59.0-N	108-36-49.7-W	173	37-17-38.8-N	109-2-42.7-W
144	37-0-0.1-N	109-0-12.5-W	174	37-17-55.1-N	110-8-8.2-W
145	37-0-0.1-N	108-52-4.3-W	175	37-18-22.2-N	110-13-3.2-W
146	37-0-0.4-N	108-56-17.5-W	176	37-21-35.8-N	109-2-42.3-W
147	37-0-0.7-N	108-47-27.9-W	177	37-21-37.9-N	109-5-22.6-W
148	37-0-0.7-N	108-42-24.6-W	178	37-21-38.3-N	109-27-8.6-W
149	37-0-5.8-N	111-21-8.8-W	179	37-22-29.2-N	109-9-21.9-W
150	37-1-56.5-N	111-16-32.1-W	180	37-23-10.9-N	109-13-21.0-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
181	37-23-19.5-N	109-13-18.7-W
182	37-24-39.3-N	109-25-13.9-W
183	37-25-46.6-N	109-12-39.3-W
184	37-26-49.8-N	109-20-52.3-W
185	37-27-4.8-N	109-16-37.0-W

SCHEDULE 3
LATITUDE / LONGITUDE COMBINATIONS DEFINING PARTITION FROM MTA 027 LICENSES

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
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1	34-54-11.5-N	109-2-42.3-W	31	35-23-41.1-N	109-50-39.2-W
2	34-54-18.0-N	109-4-22.8-W	32	35-24-23.9-N	107-52-22.8-W
3	34-54-21.4-N	109-8-49.0-W	33	35-24-25.7-N	108-37-47.2-W
4	34-54-27.8-N	109-17-15.4-W	34	35-25-19.9-N	108-17-3.5-W
5	34-55-17.9-N	109-13-20.2-W	35	35-28-47.4-N	108-30-49.7-W
6	34-57-3.5-N	109-25-34.0-W	36	35-28-54.4-N	108-37-36.4-W
7	34-57-3.9-N	109-29-22.3-W	37	35-30-4.3-N	109-50-36.4-W
8	34-59-13.9-N	109-22-3.8-W	38	35-30-36.8-N	107-52-27.6-W
9	35-1-1.9-N	109-2-46.5-W	39	35-31-3.9-N	109-50-9.9-W
10	35-4-6.6-N	109-40-0.3-W	40	35-32-17.5-N	109-49-37.1-W
11	35-4-48.8-N	109-43-21.9-W	41	35-36-57.7-N	109-49-37.0-W
12	35-7-3.1-N	109-33-9.4-W	42	35-37-13.0-N	107-54-30.9-W
13	35-9-38.0-N	109-2-46.3-W	43	35-39-9.1-N	107-54-28.8-W
14	35-10-11.6-N	109-36-15.1-W	44	35-39-10.5-N	107-40-51.1-W
15	35-10-13.0-N	109-48-58.7-W	45	35-39-44.3-N	109-54-36.6-W
16	35-10-13.8-N	109-45-42.3-W	46	35-39-44.8-N	109-52-19.6-W
17	35-10-18.6-N	109-50-28.4-W	47	35-39-44.9-N	109-57-3.6-W
18	35-10-34.2-N	108-59-16.0-W	48	35-39-45.0-N	109-50-11.9-W
19	35-10-36.5-N	108-55-3.8-W	49	35-39-45.5-N	109-59-43.5-W
20	35-10-37.1-N	108-50-32.7-W	50	35-40-11.3-N	107-16-21.2-W
21	35-12-20.4-N	108-47-3.5-W	51	35-42-22.9-N	110-0-2.4-W
22	35-13-8.5-N	108-42-37.2-W	52	35-45-3.6-N	110-0-2.4-W
23	35-13-12.7-N	108-40-56.3-W	53	35-46-25.3-N	107-8-55.2-W
24	35-15-30.3-N	109-50-37.5-W	54	35-47-29.8-N	110-0-2.4-W
25	35-15-52.5-N	108-9-11.6-W	55	35-49-44.0-N	110-0-2.4-W
26	35-16-46.8-N	108-2-14.4-W	56	35-51-48.5-N	110-0-2.4-W
27	35-16-58.1-N	108-40-51.5-W	57	35-52-11.4-N	107-8-55.7-W
28	35-18-27.1-N	108-38-7.0-W	58	35-53-44.7-N	110-0-2.4-W
29	35-19-44.8-N	108-38-9.5-W	59	35-54-26.5-N	107-12-5.9-W
30	35-20-54.3-N	107-58-14.5-W	60	35-55-34.1-N	110-0-2.4-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
61	35-57-17.8-N	110-0-2.4-W	91	36-42-28.0-N	110-0-2.4-W
62	35-58-56.8-N	110-0-2.4-W	92	36-42-39.1-N	107-57-54.4-W
63	36-0-31.9-N	110-0-2.4-W	93	36-43-59.6-N	108-15-9.4-W
64	36-2-3.8-N	110-0-2.4-W	94	36-44-22.7-N	108-24-14.7-W
65	36-2-22.2-N	107-21-33.4-W	95	36-44-43.3-N	108-31-44.7-W
66	36-11-48.4-N	107-24-39.0-W	96	36-46-16.2-N	110-0-2.4-W
67	36-12-5.5-N	110-0-2.4-W	97	36-50-10.6-N	108-26-55.8-W
68	36-13-31.5-N	110-0-2.4-W	98	36-50-39.9-N	110-0-2.4-W
69	36-14-58.9-N	110-0-2.4-W	99	36-51-1.2-N	108-28-51.7-W
70	36-15-23.0-N	107-36-26.2-W	100	36-53-24.4-N	108-32-24.2-W
71	36-16-28.2-N	110-0-2.4-W	101	36-55-49.9-N	110-0-2.4-W
72	36-18-0.1-N	110-0-2.4-W	102	36-58-22.7-N	108-32-30.5-W
73	36-19-35.2-N	110-0-2.4-W	103	36-59-50.4-N	110-0-2.8-W
74	36-21-10.4-N	107-39-52.2-W	104	36-59-53.2-N	110-23-46.6-W
75	36-21-14.2-N	110-0-2.4-W	105	36-59-53.6-N	110-18-44.5-W
76	36-22-57.9-N	110-0-2.4-W	106	36-59-54.0-N	110-14-9.4-W
77	36-24-47.3-N	110-0-2.4-W	107	36-59-54.3-N	110-9-56.8-W
78	36-26-43.5-N	110-0-2.4-W	108	36-59-54.6-N	110-6-2.6-W
79	36-27-28.4-N	107-38-12.1-W	109	36-59-54.9-N	110-2-23.9-W
80	36-28-48.0-N	110-0-2.4-W	110	36-59-57.9-N	108-32-34.4-W
81	36-31-2.2-N	110-0-2.4-W	111	36-59-59.0-N	108-36-49.7-W
82	36-32-46.6-N	107-42-33.1-W	112	37-0-0.1-N	109-0-12.5-W
83	36-33-28.4-N	110-0-2.4-W	113	37-0-0.1-N	108-52-4.3-W
84	36-36-9.1-N	110-0-2.4-W	114	37-0-0.4-N	108-56-17.5-W
85	36-38-17.6-N	107-44-49.7-W	115	37-0-0.7-N	108-47-27.9-W
86	36-38-19.1-N	107-44-44.0-W	116	37-0-0.7-N	108-42-24.6-W
87	36-39-7.5-N	110-0-2.4-W	117	37-0-3.7-N	111-12-50.7-W
88	36-40-31.3-N	108-11-44.1-W	118	37-0-5.8-N	111-21-8.8-W
89	36-40-46.8-N	107-56-10.1-W	119	37-0-8.2-N	111-1-16.0-W
90	36-42-9.4-N	108-5-49.0-W	120	37-0-10.1-N	110-51-32.3-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
121	37-0-12.0-N	110-43-15.5-W
122	37-0-12.5-N	110-36-3.8-W
123	37-0-14.2-N	110-29-45.8-W
124	37-1-56.5-N	111-16-32.1-W
125	37-1-57.8-N	109-2-43.9-W
126	37-4-55.1-N	111-9-32.9-W
127	37-6-24.8-N	111-1-9.2-W
128	37-8-59.6-N	109-2-43.4-W
129	37-9-12.3-N	110-55-39.2-W
130	37-9-17.1-N	109-52-39.4-W
131	37-9-59.5-N	110-48-8.7-W
132	37-10-8.9-N	110-40-46.3-W
133	37-10-21.6-N	109-56-36.4-W
134	37-10-50.8-N	109-49-39.4-W
135	37-10-55.1-N	109-46-15.6-W
136	37-11-49.6-N	109-43-3.9-W
137	37-13-1.4-N	110-1-32.6-W
138	37-13-40.6-N	110-31-9.1-W
139	37-13-48.9-N	110-37-42.3-W
140	37-14-6.2-N	109-39-58.2-W
141	37-14-48.3-N	110-26-13.7-W
142	37-15-37.1-N	109-36-38.0-W
143	37-16-21.6-N	109-33-9.4-W
144	37-16-48.6-N	109-29-37.0-W

SCHEDULE 4
LATITUDE / LONGITUDE COMBINATIONS DEFINING PARTITION FROM MTA 039 LICENSES

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
1	36-4-12.2-N	110-0-2.4-W	31	37-0-9.5-N	110-54-24.5-W
2	36-4-12.2-N	110-0-2.4-W	32	37-0-10.2-N	110-51-12.5-W
3	36-0-17.1-N	110-0-2.4-W	33	37-0-10.9-N	110-47-51.3-W
4	35-56-19.4-N	110-0-2.4-W	34	37-0-11.7-N	110-44-18.9-W
5	35-52-17.7-N	110-0-2.4-W	35	35-39-1.7-N	111-33-16.3-W
6	35-48-10.6-N	110-0-2.4-W	36	35-43-33.9-N	111-32-13.0-W
7	35-43-56.5-N	110-0-2.4-W	37	37-0-14.0-N	110-32-10.5-W
8	35-35-33.2-N	109-49-36.5-W	38	36-59-52.8-N	110-27-46.1-W
9	35-25-25.5-N	109-50-38.3-W	39	36-59-53.3-N	110-22-36.2-W
10	36-31-0.3-N	111-49-39.9-W	40	36-59-53.8-N	110-16-52.0-W
11	35-10-12.4-N	109-54-42.6-W	41	35-44-41.5-N	111-43-18.0-W
12	35-10-13.6-N	110-2-55.5-W	42	36-59-54.8-N	110-3-4.6-W
13	35-10-13.7-N	110-10-7.2-W	43	36-51-1.6-N	110-0-2.4-W
14	35-10-13.3-N	110-16-30.8-W	44	36-56-23.0-N	110-0-2.4-W
15	36-40-44.5-N	111-43-47.0-W	45	36-45-59.0-N	110-0-2.4-W
16	35-10-12.1-N	110-27-30.4-W	46	35-56-55.1-N	111-43-31.2-W
17	35-10-12.3-N	110-32-19.7-W	47	36-41-12.2-N	110-0-2.4-W
18	35-10-12.5-N	110-36-47.8-W	48	36-32-15.5-N	110-0-2.4-W
19	35-10-12.6-N	110-40-58.2-W	49	36-28-1.3-N	110-0-2.4-W
20	35-10-12.5-N	110-44-53.7-W	50	36-23-54.2-N	110-0-2.4-W
21	35-10-13.1-N	110-48-37.3-W	51	36-19-52.5-N	110-0-2.4-W
22	35-10-13.3-N	110-52-10.5-W	52	36-11-59.8-N	110-0-2.4-W
23	35-9-23.1-N	110-55-18.9-W	53	36-15-54.9-N	110-0-2.4-W
24	35-9-23.1-N	110-58-39.6-W	54	36-8-6.0-N	110-0-2.4-W
25	35-9-23.3-N	111-1-54.7-W	55	36-9-44.5-N	111-45-44.7-W
26	37-0-3.3-N	111-8-55.9-W	56	36-11-23.8-N	111-45-45.5-W
27	35-42-10.9-N	111-18-29.8-W	57	36-13-24.1-N	111-47-52.4-W
28	37-0-8.2-N	111-3-19.9-W	58	36-15-24.6-N	111-48-47.4-W
29	37-0-8.3-N	111-0-26.9-W	59	36-17-52.0-N	111-50-50.5-W
30	37-0-8.8-N	110-57-28.9-W	60	36-19-57.4-N	111-50-53.0-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)		Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
61	36-22-7.9-N	111-50-56.8-W	91	35-40-43.6-N	111-44-47.6-W
62	36-25-42.5-N	111-48-57.1-W	92	35-46-4.2-N	111-41-35.8-W
63	36-33-0.5-N	111-48-40.6-W	93	35-48-19.7-N	111-41-36.3-W
64	36-34-16.6-N	111-46-43.2-W	94	35-51-15.1-N	111-43-34.3-W
65	36-35-59.1-N	111-45-21.7-W	95	35-49-44.0-N	111-42-40.4-W
66	36-38-51.1-N	111-45-8.7-W	96	35-53-13.8-N	111-43-34.4-W
67	36-40-41.3-N	111-43-44.1-W	97	35-57-6.0-N	111-43-2.9-W
68	36-42-25.8-N	111-42-11.5-W	98	35-55-6.3-N	111-43-34.8-W
69	36-44-39.5-N	111-40-57.2-W	99	35-58-40.0-N	111-43-25.5-W
70	36-46-12.2-N	111-39-8.2-W	100	35-59-59.5-N	111-44-39.0-W
71	36-48-49.6-N	111-37-54.4-W	101	36-1-26.1-N	111-45-44.6-W
72	36-51-1.7-N	111-36-15.9-W	102	36-3-8.1-N	111-45-44.2-W
73	36-50-32.0-N	111-33-17.1-W	103	36-6-27.4-N	111-45-43.9-W
74	36-52-28.0-N	111-31-25.4-W	104	36-4-48.4-N	111-45-43.5-W
75	36-52-28.2-N	111-28-48.5-W	105	36-8-6.0-N	111-45-44.4-W
76	36-52-28.1-N	111-26-16.8-W	106	35-30-48.4-N	109-50-37.8-W
77	36-57-13.2-N	111-24-50.0-W	107	35-19-44.2-N	109-50-37.6-W
78	35-35-2.7-N	111-17-52.0-W	108	35-10-12.1-N	110-22-15.7-W
79	35-45-17.3-N	111-19-14.5-W	109	35-9-22.8-N	111-5-5.5-W
80	35-45-24.8-N	111-20-28.2-W	110	35-9-23.1-N	111-14-23.5-W
81	35-45-25.1-N	111-21-45.7-W	111	37-0-3.5-N	111-11-40.1-W
82	35-45-25.3-N	111-23-5.8-W	112	37-0-5.7-N	111-6-9.4-W
83	35-45-25.5-N	111-24-29.3-W	113	37-0-12.6-N	110-40-33.0-W
84	35-45-25.6-N	111-25-56.7-W	114	37-0-12.7-N	110-36-31.9-W
85	35-45-25.9-N	111-27-28.7-W	115	36-59-54.2-N	110-10-25.1-W
86	35-45-26.1-N	111-29-6.7-W	116	36-36-38.4-N	110-0-2.4-W
87	35-45-26.0-N	111-30-51.6-W	117	36-24-37.8-N	111-51-31.2-W
88	35-38-52.2-N	111-38-3.7-W	118	36-28-48.4-N	111-50-15.4-W
89	35-40-19.4-N	111-39-24.1-W	119	36-40-46.3-N	111-43-48.7-W
90	35-40-19.1-N	111-42-10.4-W	120	36-59-60.0-N	111-22-36.7-W

	Latitude (DD-MM-SS.S-D)	Longitude (DD-MM-SS.S-D)
121	36-59-54.3-N	111-14-23.5-W
122	35-33-40.1-N	111-16-11.8-W
123	35-38-29.9-N	111-19-4.8-W
124	35-38-27.5-N	111-33-38.5-W
125	35-38-34.5-N	111-35-50.6-W
126	35-43-28.5-N	111-44-48.0-W
127	35-56-53.8-N	111-43-34.5-W
128	35-9-23.2-N	111-8-13.3-W
129	35-9-22.7-N	111-11-18.9-W
130	37-0-3.5-N	111-19-51.2-W
131	37-0-1.9-N	111-17-6.8-W
132	35-13-42.0-N	109-50-37.4-W