

कार्यालय वनमण्डलाधिकारी, कोरिया वनमण्डल, बैकुण्ठपुर

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क्रमांक / मा.वि. /

5720

बैकुण्ठपुर, दिनांक 30/08/2019

प्रति,

✓ श्री अजय नायक
प्राधिकृत अधिकारी
टाटा प्रोजेक्ट्स लिमिटेड
रायपुर (छ0ग0)

विषय :- भारत सरकार की महत्वपूर्ण योजना "भारतनेट प्रोजेक्ट (A Part of Digital India)" के सफल क्रियान्वयन हेतु धमतरी जिला के कोरिया वनमण्डल संभाग अंतर्गत सोनहत खड़गवां ब्लॉक के अंतर्गत शामिल ग्राम पंचायत के मार्ग समानांतर वनभूमि पर ऑप्टिकल फायबर केबल बिछाने विषयक वनभूमि के गैरवानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव हेतु डी.जी.पी.एस./लीडर सर्वे रिपोर्ट सत्यापन बाबत।

संदर्भ :- आपका पत्र क्रमांक/भानेप्रो/ओएफसी/वनभूमि/प्रस्ताव/2019-20/01 दिनांक 13.08.2019

विषयान्तर्गत आपके उपरोक्त संदर्भित पत्र के माध्यम से भारत सरकार (BBNL) द्वारा "National Optical Fibre Network Project" अंतर्गत भारत नेट प्रोजेक्ट (A Part of Digital India) के तहत इस वनमण्डल के विकासखण्ड सोनहत एवं खड़गवां अंतर्गत 55 ग्रामों को जोड़ने वाली छोटी-छोटी 44 मार्गों का डी.जी.पी.एस.सर्वे की रिपोर्ट निम्नानुसार इस कार्यालय को प्राप्त हुई है :-

विवरण

A Part of Digital India के सफल क्रियान्वयन हेतु ऑप्टिकल फायबर केबल लाईन बिछाने बाबत गैर वानिकी प्रयोजन हेतु प्रस्तावित मार्गों का विवरण विकासखण्ड-खड़गवां

क्र.	विकास खण्ड	परिक्षेत्र	मार्ग का नाम	वन एवं राजस्व वन में मार्ग की लम्बाई (कि.मी.में)	वन एवं राजस्व वन में मार्ग का क्षेत्रफल (हे.में.)	रिमार्क
1	2	3	4	5	6	7
1	खड़गवां	खड़गवां	मेण्ड्रा से पैनारी	0.566	0.028	
2	खड़गवां	खड़गवां	पैनारी से देवाडांड	2.717	0.136	
3	खड़गवां	खड़गवां	सलका से फुनगा	1.976	0.099	
4	खड़गवां	खड़गवां	सलका से कटकोना	0.577	0.029	
5	खड़गवां	चिरमिरी	शिवपुर से छोटैकलुआ	2.253	0.112	
6	खड़गवां	चिरमिरी	छोटैकलुआ से उधनापुर	2.306	0.115	
7	खड़गवां	चिरमिरी	मेरो से आमाडांड	1.986	0.099	
8	खड़गवां	खड़गवां	कदरैवां से सैदा	1.983	0.099	
9	खड़गवां	खड़गवां	पोड़ीडीह से बोड़ेमुड़ा	6.119	0.306	
10	खड़गवां	खड़गवां	बोड़ेमुड़ा से पेण्डी	1.084	0.054	
11	खड़गवां	खड़गवां	बोड़ेमुड़ा से कौटेवा	0.889	0.044	

क्र.	विकास खण्ड	परिक्षेत्र	मार्ग का नाम	वन एवं राजस्व वन में मार्ग की लम्बाई (कि.मी.में)	वन एवं राजस्व वन में मार्ग का क्षेत्रफल (हे.में.)	रिमार्क
12	खड़गवां	खड़गवां	कोटेया से भरदा	2.538	0.127	
13	खड़गवां	खड़गवां	टैडमा से बचरा	0.560	0.028	
14	खड़गवां	खड़गवां	जिल्दा से तामडांड	0.590	0.030	
15	खड़गवां	चिरमिरी	दुबछोला से ठग्गांव	3.106	1.156	
16	खड़गवां	चिरमिरी	ठग्गांव से खड़गवां	5.597	0.266	
17	खड़गवां	चिरमिरी	दुबछोला से गढ़तर	5.802	0.290	
18	खड़गवां	खड़गवां	खड़गवां से दुग्गी	1.039	0.052	
19	खड़गवां	चिरमिरी	दुग्गी से पटमा	4.830	0.241	
20	खड़गवां	चिरमिरी	चिरमी से इन्द्रपुर	0.748	0.037	
21	खड़गवां	चिरमिरी	कैलाशपुर से मझारटोला Via धुधरा, पटना	0.589	0.045	
22	खड़गवां	खड़गवां	कोड़ा से देवाडांड	1.893	0.095	
23	खड़गवां	खड़गवां	देवाडांड से गिद्धमुड़ी Via बरदर	2.982	0.149	
24	खड़गवां	चिरमिरी	कदरेवां से आमाडांड	0.867	0.043	
25	खड़गवां	खड़गवां	दुग्गी से खड़गवां	0.314	0.015	
26	खड़गवां	खड़गवां	पटमा से सलवा एवं छोटीसाल्ही से चिरमी	1.001	0.050	
27	खड़गवां	खड़गवां	इन्द्रपुर से पोंड़ी	0.292	0.015	
योग:-			27	55.204	2.760	

A Part of Digital India के सफल क्रियान्वयन हेतु ऑप्टिकल फायबर केबल लाईन बिछाने बाबत गैर वानिकी प्रयोजन हेतु प्रस्तावित मार्गों का विवरण
विकासखण्ड-सोनहत

1	सोनहत	देवगढ़	बसेर से तरा	3.486	0.175	
2	--,"--	देवगढ़	तरा से अकलासरई	9.813	0.491	
3	--,"--	देवगढ़	अकलासरई से भैसवार	2.755	0.138	
4	--,"--	सोनहत	भैसवार से रजौली	1.433	0.072	
5	--,"--	सोनहत	पोंड़ी से सोनहत	4.804	0.240	
6	--,"--	देवगढ़	कैलाशपुर से धुधरा	3.016	0.150	
7	--,"--	देवगढ़	धुधरा से कटगोड़ी	2.052	0.103	
8	--,"--	देवगढ़	कटगोड़ी से लटमा	0.364	0.018	
9	--,"--	देवगढ़	मझारटोला से केशगवां	3.370	0.168	
10	--,"--	सोनहत	बेलिया से सोनहत	1.093	0.054	
11	--,"--	बैकुण्ठपुर	कटगोड़ी से कछार	0.663	0.033	
12	--,"--	बैकुण्ठपुर	दामुज से कटगोड़ी	0.975	0.049	
13	--,"--	देवगढ़	पुसला से कटगोड़ी	1.972	0.099	
14	--,"--	देवगढ़	दामुज से बसेर	0.554	0.027	
15	--,"--	देवगढ़	दामुज से तरा	3.369	0.169	
योग:-			15	39.719	1.986	

आपके मांग अनुसार उक्त डीजीपीएस सर्वे रिपोर्ट की सत्यापित 01 प्रति आवश्यक कार्यवाही हेतु संलग्न प्रेषित है ।

संलग्न :- उपरोक्तानुसार ।

वनमण्डलधिकारी,

कोरिया वनमण्डल बैकुण्ठपुर

बैकुण्ठपुर, दिनांक / / 2019

पृ0क्रमांक/मा.वि./

प्रतिलिपि:-

01. अपर प्रधान मुख्य वन संरक्षक, (भू-प्रबंध/व.सं.अ.) छ0ग0 रायपुर की ओर सूचनार्थ संप्रेषित ।
02. मुख्य वन संरक्षक, सरगुजा वृत्त अम्बिकापुर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु सम्प्रेषित ।
02. छ0ग0 इंफोटेक प्रमोशन सोसायटी (CHIPS) स्टेट डाटा सेंटर भवन, सिविल लाईन्स रायपुर की ओर सूचनार्थ ।

वनमण्डलधिकारी,

कोरिया वनमण्डल बैकुण्ठपुर

क्रमिक	कोरिया	विकास खंड का नाम	परिचय का नाम	मार्गों का नाम के	उप भूमि का विवरण				सजल वन भूमि का विवरण				वन एवं सजल वन भूमि का विवरण		
					पट्टा क्रमांक	लम्बाई किमी में	रॉडवर्क	घन	घन	लम्बाई किमी में	क्षेत्रफल हे. मी	कुल लम्बाई किमी में (07+11)	कुल रॉडवर्क हे. मी (08+12)	रिमाई	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
1	कोरिया	खडगगा	चिरमिरी	कवरेवा से आमाखड	PF-563	0.737	0.037	आमाखड	291	0.13	0.006	0.867	0.043		
2	कोरिया	खडगगा	चिरमिरी	चिरपुर से छोट कलुआ	RF-579	0.877	0.044					0.877	0.044		
3	कोरिया	खडगगा	चिरमिरी		RF-580	0.628	0.031					0.628	0.031		
4	कोरिया	खडगगा	चिरमिरी		RF-578	0.748	0.037					0.748	0.037		
5	कोरिया	खडगगा	चिरमिरी		RF-577	2.306	0.115					2.306	0.115		
6	कोरिया	खडगगा	चिरमिरी	मेले से आमाखड	RF-554	0.492	0.025	आमाखड	273	0.068	0.003	0.560	0.028		
7	कोरिया	खडगगा	चिरमिरी		RF-560B	1.302	0.065	आमाखड	356	0.027	0.001	1.329	0.066		
8	कोरिया	खडगगा	चिरमिरी	पुणजीला से उमगाव				आमाखड	342	0.097	0.005	0.097	0.005		
9	कोरिया	खडगगा	चिरमिरी		RF-545	0.642	0.032					0.642	0.032		
10	कोरिया	खडगगा	चिरमिरी	चिरमा से छोटपुर	RF-572A	2.464	0.124					2.464	0.124		
11	कोरिया	खडगगा	चिरमिरी		PF-575	0.748	0.037					0.748	0.037		
12	कोरिया	खडगगा	चिरमिरी	पुणजीला से गडवर	PF-546	0.213	0.011					0.213	0.011		
13	कोरिया	खडगगा	चिरमिरी		RF-569	2.540	0.127					2.540	0.127		
14	कोरिया	खडगगा	चिरमिरी		RF-572B	2.713	0.135					2.713	0.135		
15	कोरिया	खडगगा	चिरमिरी		RF-570	0.336	0.017					0.336	0.017		
16	कोरिया	खडगगा	चिरमिरी	पुणजी से पटगा	RF-564	1.266	0.063					1.266	0.063		
17	कोरिया	खडगगा	चिरमिरी	कौलापुर से पुधरा कौलापुर से मडगटोला	PF-576	0.589	0.045					0.589	0.045		
18	कोरिया	खडगगा	खडगगा	मन्दा से पेनारी	RF-584	0.566	0.028					0.566	0.028		
19	कोरिया	खडगगा	खडगगा	पेनारी से देवादाव	PF-590	1.199	0.06					1.199	0.060		
20	कोरिया	खडगगा	खडगगा		PF-589	1.518	0.076					1.518	0.076		
21	कोरिया	खडगगा	खडगगा	सलका से पुनगा	PF-620	1.976	0.099					1.976	0.099		
22	कोरिया	खडगगा	खडगगा	सलका से कटपेना	RF-608	0.577	0.029					0.577	0.029		
23	कोरिया	खडगगा	खडगगा	कोटा से देवादाव सलका	RF-595	1.893	0.095					1.893	0.095		
24	कोरिया	खडगगा	खडगगा	देवादाव से बरदर से मिदमुरी	PF-624	0.974	0.049					0.974	0.049		



क्रमांक	कोरिया	विकास संज्ञक का नाम	परिक्षेत्र का नाम	ग्रामी का नाम के	वडा भूमि का विवरण				सकल वडा भूमि का विवरण				विकास		रिमान
					वडा क्रमांक	लम्बाई मिमी में	रैजफल	ग्राम	खसरा नं.	लम्बाई (मिमी) में	रैजफल हे. में	कुल लम्बाई मिमी में (07+11)	कुल रैजफल हे. में (08+12)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
25	कोरिया	खडगा	खडगा	बरदर से गिददगुडी	RF-629	2.008	0.1					2.008	0.100		
26	कोरिया	खडगा	खडगा	कदरेख से सईदा	PF-641	0.541	0.027					0.541	0.027		
27	कोरिया	खडगा	खडगा		RF-625	0.325	0.016						0.325	0.016	
28	कोरिया	खडगा	खडगा	पांजीडीला से बल्लर	RF-626	1.117	0.056					1.117	0.056		
29	कोरिया	खडगा	खडगा		RF-633	2.411	0.121	सतपुर	105	0.197	0.010	2.608	0.131		
30	कोरिया	खडगा	खडगा		RF-635	3.404	0.170	सतपुर	130	0.107	0.005	3.511	0.175		
31	कोरिया	खडगा	खडगा	बदेमुडा से पेन्डी	RF-631	1.084	0.054					1.084	0.054		
32	कोरिया	खडगा	खडगा	बदेमुडा से कोरिया	PF-644	0.889	0.044					0.889	0.044		
33	कोरिया	खडगा	खडगा	'कोरिया से बरदा	PF-645	1.147	0.057					1.147	0.057		
34	कोरिया	खडगा	खडगा		PF-649	1.391	0.070						1.391	0.070	
35	कोरिया	खडगा	खडगा	देदम से बल्लर	PF-661	0.560	0.028					0.560	0.028		
36	कोरिया	खडगा	खडगा	गिदा से लम्बाद	PF-643	0.590	0.030					0.590	0.030		
37	कोरिया	खडगा	खडगा	दगगाव से खडगा	PF-640	5.543	0.263	सतपुर	408	0.054	0.003	5.597	0.266		
38	कोरिया	खडगा	खडगा	खडगा से दुग्गी	PF-638	1.069	0.050	सतपुर	750	0.03	0.002	1.039	0.052		
39	कोरिया	खडगा	खडगा	दुग्गी से खडगा	PF-642	0.147	0.007	सतपुर	757	0.167	0.008	0.314	0.015		
40	कोरिया	खडगा	खडगा	दुग्गी से पटगा	RF-652	1.922	0.096					1.922	0.096		
41	कोरिया	खडगा	खडगा		RF-651	1.642	0.082						1.642	0.082	
42	कोरिया	खडगा	खडगा	पटगा से सलवा एव छोट सलही से चिरमी	RF-653	1.001	0.05					1.001	0.050		
43	कोरिया	खडगा	खडगा	डुन्दुर से पोडी	PF-660	0.292	0.015					0.292	0.015		
					Grant Total		54.327	2.717		0.877	0.043	55.204	2.760		

S.D.O (F)
South Baikunthpur

परिक्षेत्राधिकारी
खडगा

वन परिक्षेत्राधिकारी
सतपुर

बन मन्त्रालय
कोरिया

राज्य न्यायक
प्राधिकृत अधिकारी
राज्य प्रोटेक्टर लिमिटेड
सतपुर (ब.ग.)



क्रमांक	कोरिया	विकास खंड का नाम	संशोधन का नाम	मार्गों का नाम के	वन भूमि का विवरण				शजाव वन भूमि का विवरण				वन एवं राजस्व वन भूमि का विवरण		रिमाई	
					कटा कमाक	लगाई विमी में	क्षेत्रफल	ग्राम	खसत नं.	लगाई विमी में	क्षेत्रफल हे. में	कुल लगाई विमी में (07+11)	कुल क्षेत्रफल हे. में (08+12)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	कोरिया	खडगवा	चिरमिरी	कडवा से आमाडाह	PF-563	0.737	0.037	आमाडाह	291	0.13	0.006	0.867	0.043			
2	कोरिया	खडगवा	चिरमिरी	शिवापुर से छोटे कलुआ	RF-579	0.877	0.044					0.877	0.044			
3	कोरिया	खडगवा	चिरमिरी		RF-580	0.628	0.031						0.628	0.031		
4	कोरिया	खडगवा	चिरमिरी		RF-578	0.748	0.037						0.748	0.037		
5	कोरिया	खडगवा	चिरमिरी		छोटे कलुआ से उदरगपुर	RF-577	2.306	0.115					2.306	0.115		
6	कोरिया	खडगवा	चिरमिरी	मेले से आमाडाह	RF-554	0.492	0.025	आमाडाह	273	0.068	0.003	0.560	0.028			
7	कोरिया	खडगवा	चिरमिरी		RF-560B	1.302	0.065	आमाडाह	356	0.027	0.001	0.001	1.329	0.066		
8	कोरिया	खडगवा	चिरमिरी					आमाडाह	342	0.097	0.005	0.097	0.005			
9	कोरिया	खडगवा	चिरमिरी	दुपधोला से दगवाव	RF-545	0.642	0.032					0.642	0.032			
10	कोरिया	खडगवा	चिरमिरी		RF-572A	2.464	0.124						2.464	0.124		
11	कोरिया	खडगवा	चिरमिरी	दिल्ली से उदरगपुर	PF-575	0.748	0.037					0.748	0.037			
12	कोरिया	खडगवा	चिरमिरी	दुपधोला से पडतर	PF-546	0.213	0.011					0.213	0.011			
13	कोरिया	खडगवा	चिरमिरी		RF-569	2.540	0.127						2.540	0.127		
14	कोरिया	खडगवा	चिरमिरी		RF-572B	2.713	0.135						2.713	0.135		
15	कोरिया	खडगवा	चिरमिरी		RF-570	0.336	0.017						0.336	0.017		
16	कोरिया	खडगवा	चिरमिरी	दुग्गी से पटम	RF-564	1.266	0.063					1.266	0.063			
17	कोरिया	खडगवा	चिरमिरी	कैलाशपुर से घुघल कंसगवा से मझाटोला	PF-576	0.589	0.045					0.589	0.045			
18	कोरिया	खडगवा	खडगवा	मे-डा से पनारी	RF-584	0.566	0.028					0.566	0.028			
19	कोरिया	खडगवा	खडगवा	पनारी से देवावाड	PF-590	1.199	0.06					1.199	0.060			
20	कोरिया	खडगवा	खडगवा		PF-589	1.518	0.076						1.518	0.076		
21	कोरिया	खडगवा	खडगवा	सलवा से भुनगा	PF-620	1.976	0.099					1.976	0.099			
22	कोरिया	खडगवा	खडगवा	सलवा से कटकोना	RF-608	0.577	0.029					0.577	0.029			
23	कोरिया	खडगवा	खडगवा	कोवा से देवावाड सलवा	RF-595	1.893	0.095					1.893	0.095			
24	कोरिया	खडगवा	खडगवा	देवावाड से पडतर से गिदगुमी	PF-624	0.974	0.049					0.974	0.049			



क्रमांक	कोरिया	विकास खंड का नाम	परिवर्धित का नाम	मार्गों का नाम के	वन भूमि का विवरण						संजय वन भूमि का विवरण				विवरण		रिमाई
					बना के माप	लगाई किमी मी	खंडफल	ग्राम	समाप्त स	लगाई किमी मी	खंडफल मी. मी	कुल लगाई किमी मी (07+11)	कुल खंडफल मी (08+12)				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
25	कोरिया	खंडगावा	खंडगावा	बल्लर से गिदहमुडी	RF-629	2.008	0.1					2.008	0.100				
26	कोरिया	खंडगावा	खंडगावा	कदम्बा से सईवा	PF-641	0.541	0.027					0.541	0.027				
27	कोरिया	खंडगावा	खंडगावा		RF-625	0.325	0.016						0.325	0.016			
28	कोरिया	खंडगावा	खंडगावा		RF-626	1.117	0.056						1.117	0.056			
29	कोरिया	खंडगावा	खंडगावा	पान्डीवा से बडेमुडा	RF-633	2.411	0.121	खंडगावा	105	0.197	0.010	2.608	0.131				
30	कोरिया	खंडगावा	खंडगावा		RF-635	3.404	0.170	खंडगावा	130	0.107	0.005	3.511	0.175				
31	कोरिया	खंडगावा	खंडगावा	बडेमुडा से खंडी	RF-631	1.084	0.054					1.084	0.054				
32	कोरिया	खंडगावा	खंडगावा	बडेमुडा से कोटवा	PF-644	0.889	0.044					0.889	0.044				
33	कोरिया	खंडगावा	खंडगावा	कोटवा से भरवा	PF-645	1.147	0.057					1.147	0.057				
34	कोरिया	खंडगावा	खंडगावा		PF-649	1.391	0.070						1.391	0.070			
35	कोरिया	खंडगावा	खंडगावा	रेटवा से बल्लर	PF-661	0.560	0.028					0.560	0.028				
36	कोरिया	खंडगावा	खंडगावा	बिल्ला से तमबाक	PF-643	0.590	0.030					0.590	0.030				
37	कोरिया	खंडगावा	खंडगावा	तमगाव से खंडगावा	PF-640	5.543	0.263	खंडगावा	408	0.054	0.003	5.597	0.266				
38	कोरिया	खंडगावा	खंडगावा	खंडगावा से दुग्गी	PF-638	1.009	0.050	खंडगावा	750	0.03	0.002	1.039	0.052				
39	कोरिया	खंडगावा	खंडगावा	दुग्गी से खंडगावा	PF-642	0.147	0.007	खंडगावा	757	0.167	0.008	0.314	0.015				
40	कोरिया	खंडगावा	खंडगावा	दुग्गी से पटवा	RF-652	1.922	0.096					1.922	0.096				
41	कोरिया	खंडगावा	खंडगावा		RF-651	1.642	0.082						1.642	0.082			
42	कोरिया	खंडगावा	खंडगावा	पटवा से सलवा एव छोटे सालही से बिल्ली	RF-653	1.001	0.05					1.001	0.050				
43	कोरिया	खंडगावा	खंडगावा	बल्लर से पोडी	PF-660	0.292	0.015					0.292	0.015				
Grant Total						54.327	2.717			0.877	0.043	55.204	2.760				

S.D. (कर्मचारी)
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परिक्षेत्राधिकारी
खंडगावा

वन परिक्षेत्राधिकारी
वन परिक्षेत्राधिकारी

वन प्रशासकीय अधिकारी
वन प्रशासकीय अधिकारी

वन प्रशासकीय अधिकारी
वन प्रशासकीय अधिकारी



CHHATTISGARH BHARATNET PHASE-II PROJECT

LiDAR/DGPS SURVEY REPORT FOR KORIYA FOREST DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division : KORIYA FOREST DIVISION
Forest Land (RF/PF/OA) : 4.680 Ha.
Rev. Forest Land : 0.066 Ha.
Total Proposed Diversion Area : 4.746 Ha.
Block : SONHAT AND KHADGAWAN
District : KOREA (C.G.)

Applicant -



Chhattisgarh Infotech Promotion Society (CHiPS)
Raipur (Chhattisgarh)

Submitted By -



TATA PROJECTS



Tata Project Limited, Raipur (Chhattisgarh)



*MANOJ THAKUR
(ROW MANAGER)*

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1. Introduction and Background

1.1. Background

The Government of Chhattisgarh intends to setup an Optical Fibre Cable Network from the Block Head Quarters to Gram Panchayats to provide high speed broadband connectivity by connecting the 85 Blocks, 5987 Gram Panchayats across the State. The proposed network architecture for BharatNet Phase-II project follows ring architecture with Internet Protocol – Multi Protocol Label Switching (IP-MPLS) technology. The network shall be leveraged to deliver scalable bandwidth to households, institutions and enterprises. It is planned to have an IP-MPLS ring at GP level with provisioning of 6 dedicated core of fibre as mandated by Government of India.

The Chhattisgarh Infotech Promotion Society (CHIPS), a Registered Society promoted by the Government of Chhattisgarh, is the nodal agency and prime mover for propelling IT growth and implementation of IT plans in the State.

The Chhattisgarh Infotech Promotion Society (CHIPS) has selected an implementation partner **"Tata Project Limited"** for BharatNet Phase-II Project. The project has been conceived with the ambitious vision of providing connectivity to the yet unreached blocks in Chhattisgarh and entails massive investment on the infrastructure creation across the state which would serve as the Information highway for decades to come.

1.2. Proposed Routes

The proposed routes in Sonhat and Khadgawan block with in Koriya Forest Division.



OFC Cable Proposed Routes in Sonhat Block in Koriya Forest Division.



OFC Cable Proposed Routes in Khadgawan Block in Koriya Forest Division.

1.3. Location

The proposed OFC Cable route in Koriya Forest Division (The OFC route covered Sonhat and Khadgawan Block; District: Korea). The Proposed OFC route length is approx. 129.383 km in Sonhat Block and 325.629 km in Khadgawan Block hence Total route length is 455.012 km. The survey site passes through forest ranges – Sonhat, Devgarh, Baikunthpur, Khadgaon, Sonhat(P), Chirmiri of Koriya Forest Division. The OFC Cable route is covered under Survey of India Toposheets 64 I04, 64 I07, 64 I08, 64 I11, 64 I12, 64 J05 AND 64 J09 on RF 1:50000.

1.4. Objective

As per directives of Ministry of Environment & Forests (MoEF) dated 8th July 2011; all applications for Forest Diversion, under Forest Conservation Act, 1980 must be accompanied with Geo-referenced shape file, showing the boundary of the proposed area (both soft copy and hard copy maps), prepared using LiDAR/Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application.

To meet this requirement, **Tata Project Limited** entrusted the DGPS survey work to survey Agency through Mobile LiDAR Technology.



2. Scope of Work

1. Establishment of Ground Control Pointy with 72 Hours observation which covering approx. 15 km radius of the proposed route.
2. DGPS Survey for collection of ground coordinates along the proposed OFC Cable trench at every 200 m interval and/or at every turn/bend along the proposed trench. The DGPS data is collected at forest patches only.
3. Data processing and Interpretation
 - I. Geo-referencing of SOI Toposheet (scale 1:50000).
 - II. Creation of OFC Cable trench boundary vector map using the DGPS Surveyed data
 - III. Computation of Forest area and preparation of Forest Area Statement for proposed diversion. It includes Reserved/Protected Forest/ Orange Area & Revenue Forest Land.
 - IV. Preparation of Geo-referenced map showing proposed OFC Route.
 - V. Superimposition of cable route layer on Geo-referenced SOI Toposheet (scale 1:50000).
 - VI. Preparation of DGPS survey report along with soft copy of maps including shapefile format and kml file.
4. Preparation of Desired report, Geo-referenced maps and Technical compliance in Hard copy and soft copy.

3. Deliverables

The deliverables envisaged for the assignment are described below -

1. Proposed Forest Diversion area statement as per LiDAR / DGPS Survey of proposed OFC route.
2. Geo-referenced map showing proposed OFC route in forest area and superimposed on SOI maps based on LiDAR / DGPS observations – Hard and Soft Copy (Maps in PDF format, SHP and KML formats).
3. LiDAR / DGPS Survey and Mapping Reports containing Ground Control Points report as the primary Control Points.
4. DGPS Survey and mapping report on hard copy and soft copy in CD.



4. Technical Approach

4.1. GCP Establishment for LiDAR (DGPS) Survey:

DGPS Survey with high precision equipment was used in blocks to bring mapping in to a single co-ordinates system. These Ground Control Point (GCPs) were connected to the Mobile LiDAR Mapping for accuracy purpose. The Ground Control Point required for eliminates the traditional mapping. The system can achieve millimeter accuracy of vehicle positioning, 3-D coordinates, and objects measured from the Geo-referenced image sequences.



Establishment of GCPs.

Ground Control Point (GCP):

The Ground Control Point with 72 Hours of DGPS observation for Post Processing the GCP data with International GNSS Service (IGS) stations. The list of GCP's is given below -

Sl.No.	Point ID	Projection-UTM44			ITRF2008-Spherical		
		Easting (in m.)	Northing (in m.)	Elevation (in m.)	Latitude (in DD:MM:SS)	Longitude (in DD:MM:SS)	Height (in m.)
1.	GCP-21	656926.692	2550049.834	507.164	N23°03'05.64536"	E82°31'54.20361"	446.423
2.	GCP-22	639593.130	2562158.369	552.445	N23°09'44.87695"	E82°21'49.23993"	491.920
3.	GCP-23	631654.115	2546096.863	420.211	N23°01'05.03631"	E82°17'05.12773"	359.520
4.	GCP-23A	626119.667	2550170.975	473.671	N23°03'19.04158"	E82°13'51.93641"	413.045
5.	GCP-33	651740.693	2587554.196	738.175	N23°23'26.59393"	E82°29'05.48776"	678.228
6.	GCP-33A	655006.908	2597085.057	743.986	N23°28'35.31079"	E82°31'04.05528"	684.238
7.	GCP-33B	642032.426	2591849.657	740.571	N23°25'49.37942"	E82°23'25.02655"	680.721
8.	GCP-33C	658423.838	2592225.727	763.339	N23°25'56.16532"	E82°33'02.62438"	703.474



4.2. Mobile LiDAR (DGPS) data collection:

DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



Mobile LiDAR Van

4.3. DRS / GIS Map Creation Using LiDAR data:

All the features along the route are captured using LiDAR data and Panoramic Imagery to create the DRS / GIS Map.



Feature Extraction on LiDAR



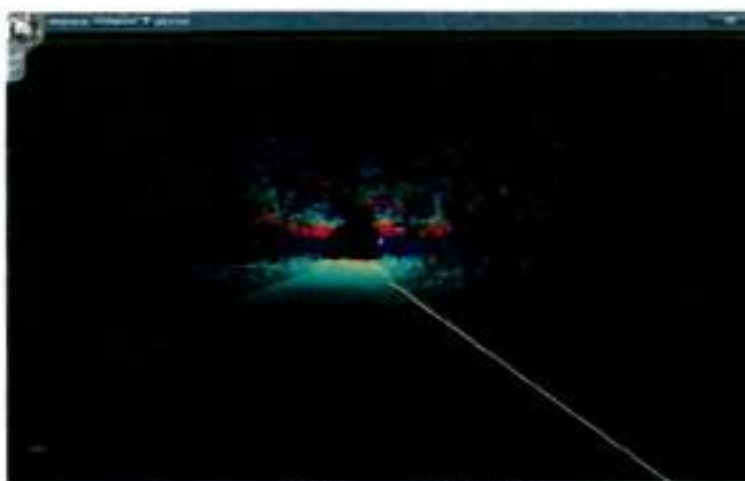
Final DRS / GIS Map

4.4. Demarcation of Proposed OFC on LiDAR data:

Proposed OFC line is demarcated based on the feasibility of trenching to be done on ground by referring the LiDAR data with the panoramic imagery.



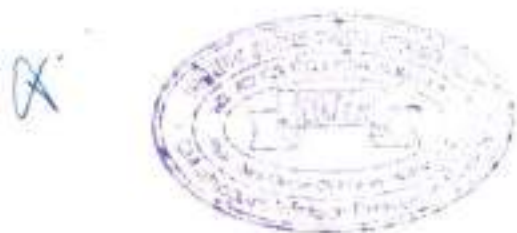
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)

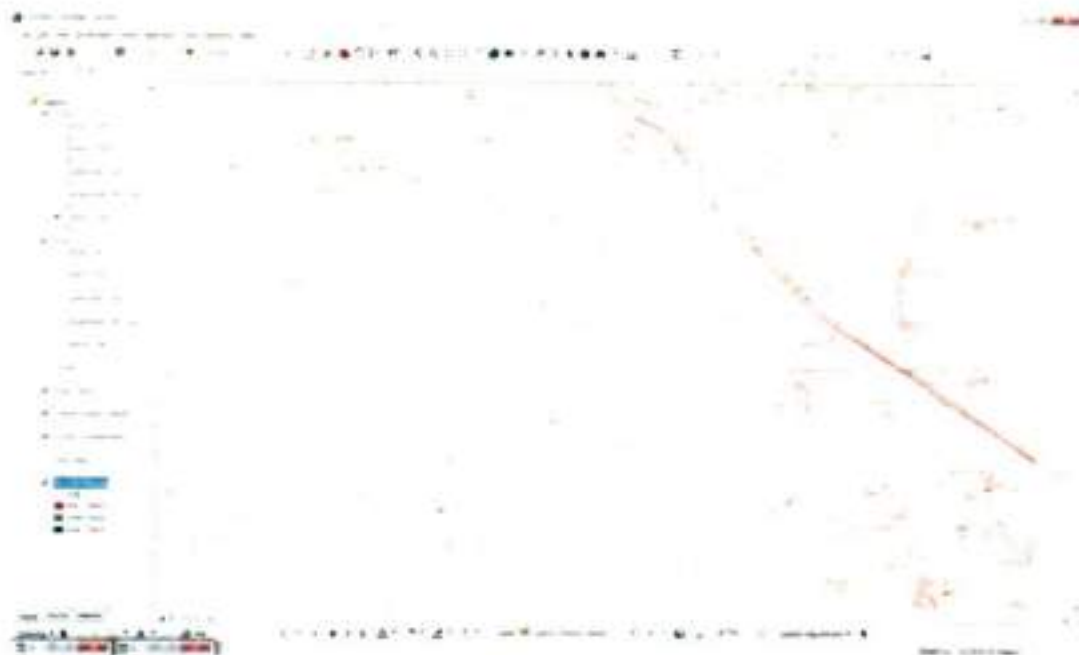


Proposed OFC Line on LiDAR Data only

4.5. Geo-referencing of Maps:

Geo-referencing of Revenue Village Maps and SOI Toposheets are to be done. SOI Toposheets would be geo-referenced based on the coordinates provided on the maps whereas Revenue Village Maps would be geo-referenced with the help of GCPs collected on field. (at least 5 GCPs for a village having Government Forest Land are to be collected)





4.6. Creation of Vector Data for Forest Diversion:

Different Layers such as Polygon of Reserved Forest /Protected Forest /Orange Area Patch, Centerline of Proposed OFC Trench, Non-Forest Trench line, Polygons showing Revenue Forest patches etc. are to be created using the Lidar based GPS Observation, Geo-referenced maps and the information provided by the forest department and Revenue department.



4.7. Generation of Map and Survey Reports for Forest Diversion

A map is created by overlaying the created vector data for the forest patches on the Geo-referenced SOI Toposheets. The reports are generated for DGPS Points (with Lat/long) placed at the regular intervals of 100 m on the proposed OFC route in the forest area. Another report is generated having area calculation for the proposed trench area in different type of Forest Lands. Samples of these are as below.



Geo-referenced Map

Sl. No.	Forest Type	Area (Hectares)	Area (Acres)	Area (Square Meters)
1	Sal	12.5	31.0	12500
2	Teak	8.7	21.5	8700
3	Deodar	5.2	12.8	5200
4	Shishu	3.1	7.7	3100
5	Other	1.8	4.5	1800
Total		31.3	77.5	31300

Forest Area Statement

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Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2077	31	23° 22' 53.479"	82° 24' 39.953"	P2078	31	23° 22' 53.266"	82° 24' 39.818"
P2079	31	23° 22' 52.985"	82° 24' 39.664"	P2080	31	23° 22' 52.656"	82° 24' 39.498"
P2081	31	23° 22' 52.481"	82° 24' 39.419"	P2082	31	23° 22' 52.319"	82° 24' 39.359"
P2083	31	23° 22' 52.161"	82° 24' 39.325"	P2084	31	23° 22' 52.014"	82° 24' 39.309"
P2085	31	23° 22' 51.885"	82° 24' 39.300"	P2086	31	23° 22' 51.752"	82° 24' 39.303"
P2087	31	23° 22' 51.591"	82° 24' 39.312"	P2088	31	23° 22' 51.378"	82° 24' 39.322"
P2089	31	23° 22' 51.065"	82° 24' 39.325"	P2090	31	23° 22' 50.736"	82° 24' 39.346"
P2091	31	23° 22' 50.517"	82° 24' 39.374"	P2092	31	23° 22' 50.342"	82° 24' 39.430"
P2093	31	23° 22' 50.193"	82° 24' 39.466"	P2094	32	23° 24' 23.756"	82° 24' 19.275"
P2095	32	23° 24' 23.421"	82° 24' 19.727"	P2096	32	23° 24' 23.179"	82° 24' 20.098"
P2097	32	23° 24' 22.815"	82° 24' 20.702"	P2098	32	23° 24' 22.362"	82° 24' 21.524"
P2099	32	23° 24' 22.132"	82° 24' 21.924"	P2100	32	23° 24' 21.853"	82° 24' 22.387"
P2101	32	23° 24' 21.542"	82° 24' 22.913"	P2102	32	23° 24' 21.167"	82° 24' 23.624"
P2103	32	23° 24' 20.994"	82° 24' 23.954"	P2104	32	23° 24' 20.606"	82° 24' 24.685"
P2105	32	23° 24' 20.322"	82° 24' 25.190"	P2106	32	23° 24' 20.014"	82° 24' 25.771"
P2107	32	23° 24' 19.663"	82° 24' 26.447"	P2108	32	23° 24' 19.280"	82° 24' 27.320"
P2109	32	23° 24' 19.006"	82° 24' 27.939"	P2110	32	23° 24' 18.706"	82° 24' 28.647"
P2111	32	23° 24' 18.372"	82° 24' 29.492"	P2112	32	23° 24' 18.267"	82° 24' 29.758"
P2113	32	23° 24' 18.185"	82° 24' 29.912"	P2114	32	23° 24' 18.130"	82° 24' 29.991"
P2115	32	23° 24' 18.066"	82° 24' 30.049"	P2116	32	23° 24' 18.009"	82° 24' 30.074"
P2117	32	23° 24' 17.929"	82° 24' 30.101"	P2118	32	23° 24' 17.826"	82° 24' 30.122"
P2119	32	23° 24' 17.708"	82° 24' 30.139"	P2120	32	23° 24' 17.485"	82° 24' 30.169"
P2121	32	23° 24' 16.762"	82° 24' 30.245"	P2122	32	23° 24' 15.949"	82° 24' 30.346"
P2123	32	23° 24' 14.966"	82° 24' 30.457"	P2124	32	23° 24' 14.848"	82° 24' 30.474"
P2125	32	23° 24' 14.753"	82° 24' 30.494"	P2126	32	23° 24' 14.644"	82° 24' 30.519"
P2127	32	23° 24' 14.253"	82° 24' 30.564"	P2128	32	23° 24' 14.009"	82° 24' 30.587"
P2129	32	23° 24' 13.211"	82° 24' 30.622"	P2130	32	23° 24' 12.387"	82° 24' 30.624"
P2131	32	23° 24' 11.844"	82° 24' 30.618"	P2132	32	23° 24' 10.348"	82° 24' 30.628"
P2133	32	23° 24' 9.718"	82° 24' 30.630"	P2134	32	23° 24' 8.727"	82° 24' 30.671"
P2135	32	23° 24' 7.411"	82° 24' 30.682"	P2136	32	23° 24' 6.884"	82° 24' 30.700"
P2137	32	23° 24' 6.243"	82° 24' 30.731"	P2138	32	23° 24' 5.092"	82° 24' 30.762"
P2139	32	23° 24' 3.588"	82° 24' 30.842"	P2140	32	23° 24' 2.655"	82° 24' 30.894"
P2141	32	23° 24' 1.712"	82° 24' 30.909"	P2142	32	23° 24' 1.111"	82° 24' 30.940"
P2143	32	23° 24' 0.335"	82° 24' 30.977"	P2144	32	23° 23' 59.471"	82° 24' 31.025"
P2145	32	23° 23' 58.608"	82° 24' 31.087"	P2146	32	23° 23' 58.113"	82° 24' 31.131"
P2147	32	23° 23' 57.928"	82° 24' 31.151"	P2148	32	23° 23' 57.501"	82° 24' 31.199"
P2149	32	23° 23' 57.064"	82° 24' 31.287"	P2150	32	23° 23' 56.628"	82° 24' 31.369"
P2151	32	23° 23' 56.167"	82° 24' 31.484"	P2152	32	23° 23' 55.338"	82° 24' 31.700"
P2153	32	23° 23' 54.773"	82° 24' 31.834"	P2154	32	23° 23' 54.465"	82° 24' 31.909"
P2155	32	23° 23' 53.935"	82° 24' 32.049"	P2156	32	23° 23' 53.240"	82° 24' 32.250"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1997	31	23° 23' 27.683"	82° 24' 37.445"	P1998	31	23° 23' 27.551"	82° 24' 37.482"
P1999	31	23° 23' 27.157"	82° 24' 37.628"	P2000	31	23° 23' 26.619"	82° 24' 37.808"
P2001	31	23° 23' 26.455"	82° 24' 37.858"	P2002	31	23° 23' 26.021"	82° 24' 37.974"
P2003	31	23° 23' 25.636"	82° 24' 38.059"	P2004	31	23° 23' 25.343"	82° 24' 38.109"
P2005	31	23° 23' 24.870"	82° 24' 38.174"	P2006	31	23° 23' 24.558"	82° 24' 38.223"
P2007	31	23° 23' 24.123"	82° 24' 38.270"	P2008	31	23° 23' 23.764"	82° 24' 38.292"
P2009	31	23° 23' 23.405"	82° 24' 38.327"	P2010	31	23° 23' 23.176"	82° 24' 38.359"
P2011	31	23° 23' 22.950"	82° 24' 38.407"	P2012	31	23° 23' 22.182"	82° 24' 38.582"
P2013	31	23° 23' 21.499"	82° 24' 38.714"	P2014	31	23° 23' 20.952"	82° 24' 38.842"
P2015	31	23° 23' 20.639"	82° 24' 38.917"	P2016	31	23° 23' 20.222"	82° 24' 39.038"
P2017	31	23° 23' 19.827"	82° 24' 39.145"	P2018	31	23° 23' 19.274"	82° 24' 39.271"
P2019	31	23° 23' 18.628"	82° 24' 39.396"	P2020	31	23° 23' 18.132"	82° 24' 39.493"
P2021	31	23° 23' 17.746"	82° 24' 39.567"	P2022	31	23° 23' 17.534"	82° 24' 39.624"
P2023	31	23° 23' 17.110"	82° 24' 39.780"	P2024	31	23° 23' 16.304"	82° 24' 40.114"
P2025	31	23° 23' 15.186"	82° 24' 40.578"	P2026	31	23° 23' 14.083"	82° 24' 41.016"
P2027	31	23° 23' 13.422"	82° 24' 41.286"	P2028	31	23° 23' 12.894"	82° 24' 41.478"
P2029	31	23° 23' 12.610"	82° 24' 41.573"	P2030	31	23° 23' 12.317"	82° 24' 41.657"
P2031	31	23° 23' 11.751"	82° 24' 41.803"	P2032	31	23° 23' 11.515"	82° 24' 41.855"
P2033	31	23° 23' 11.233"	82° 24' 41.888"	P2034	31	23° 23' 11.046"	82° 24' 41.912"
P2035	31	23° 23' 10.636"	82° 24' 41.939"	P2036	31	23° 23' 10.284"	82° 24' 41.943"
P2037	31	23° 23' 9.494"	82° 24' 41.890"	P2038	31	23° 23' 8.779"	82° 24' 41.823"
P2039	31	23° 23' 7.769"	82° 24' 41.732"	P2040	31	23° 23' 7.410"	82° 24' 41.725"
P2041	31	23° 23' 6.352"	82° 24' 41.739"	P2042	31	23° 23' 5.427"	82° 24' 41.732"
P2043	31	23° 23' 4.852"	82° 24' 41.730"	P2044	31	23° 23' 4.411"	82° 24' 41.709"
P2045	31	23° 23' 3.807"	82° 24' 41.676"	P2046	31	23° 23' 3.276"	82° 24' 41.625"
P2047	31	23° 23' 3.091"	82° 24' 41.605"	P2048	31	23° 23' 2.910"	82° 24' 41.588"
P2049	31	23° 23' 2.448"	82° 24' 41.553"	P2050	31	23° 23' 1.929"	82° 24' 41.492"
P2051	31	23° 23' 1.420"	82° 24' 41.405"	P2052	31	23° 23' 1.153"	82° 24' 41.360"
P2053	31	23° 23' 0.759"	82° 24' 41.299"	P2054	31	23° 23' 0.479"	82° 24' 41.263"
P2055	31	23° 23' 0.323"	82° 24' 41.251"	P2056	31	23° 23' 0.057"	82° 24' 41.231"
P2057	31	23° 22' 59.840"	82° 24' 41.226"	P2058	31	23° 22' 59.613"	82° 24' 41.235"
P2059	31	23° 22' 59.369"	82° 24' 41.253"	P2060	31	23° 22' 58.957"	82° 24' 41.318"
P2061	31	23° 22' 58.575"	82° 24' 41.372"	P2062	31	23° 22' 57.895"	82° 24' 41.436"
P2063	31	23° 22' 57.351"	82° 24' 41.492"	P2064	31	23° 22' 56.911"	82° 24' 41.558"
P2065	31	23° 22' 56.471"	82° 24' 41.618"	P2066	31	23° 22' 56.277"	82° 24' 41.639"
P2067	31	23° 22' 56.152"	82° 24' 41.628"	P2068	31	23° 22' 56.002"	82° 24' 41.595"
P2069	31	23° 22' 55.847"	82° 24' 41.551"	P2070	31	23° 22' 55.709"	82° 24' 41.493"
P2071	31	23° 22' 55.565"	82° 24' 41.418"	P2072	31	23° 22' 55.297"	82° 24' 41.234"
P2073	31	23° 22' 54.968"	82° 24' 41.029"	P2074	31	23° 22' 54.834"	82° 24' 40.947"
P2075	31	23° 22' 54.292"	82° 24' 40.569"	P2076	31	23° 22' 53.698"	82° 24' 40.118"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1917	30	23° 21' 57.788"	82° 25' 2.057"	P1918	30	23° 21' 57.588"	82° 25' 2.042"
P1919	30	23° 21' 56.864"	82° 25' 1.948"	P1920	30	23° 21' 56.319"	82° 25' 1.876"
P1921	30	23° 21' 55.648"	82° 25' 1.762"	P1922	30	23° 21' 55.159"	82° 25' 1.708"
P1923	30	23° 21' 54.825"	82° 25' 1.683"	P1924	30	23° 21' 54.370"	82° 25' 1.676"
P1925	30	23° 21' 53.838"	82° 25' 1.701"	P1926	30	23° 21' 53.307"	82° 25' 1.758"
P1927	30	23° 21' 52.870"	82° 25' 1.808"	P1928	30	23° 21' 52.339"	82° 25' 1.856"
P1929	30	23° 21' 51.852"	82° 25' 1.883"	P1930	30	23° 21' 51.516"	82° 25' 1.886"
P1931	30	23° 21' 51.306"	82° 25' 1.881"	P1932	30	23° 21' 50.913"	82° 25' 1.853"
P1933	30	23° 21' 50.663"	82° 25' 1.817"	P1934	30	23° 21' 50.376"	82° 25' 1.764"
P1935	30	23° 21' 49.874"	82° 25' 1.646"	P1936	30	23° 21' 49.663"	82° 25' 1.602"
P1937	30	23° 21' 49.007"	82° 25' 1.489"	P1938	30	23° 21' 48.239"	82° 25' 1.378"
P1939	30	23° 21' 47.550"	82° 25' 1.275"	P1940	30	23° 21' 47.086"	82° 25' 1.198"
P1941	30	23° 21' 46.749"	82° 25' 1.113"	P1942	30	23° 21' 46.388"	82° 25' 1.040"
P1943	30	23° 21' 46.051"	82° 25' 0.980"	P1944	30	23° 21' 45.669"	82° 25' 0.936"
P1945	30	23° 21' 45.365"	82° 25' 0.914"	P1946	30	23° 21' 44.995"	82° 25' 0.915"
P1947	30	23° 21' 44.727"	82° 25' 0.914"	P1948	30	23° 21' 44.635"	82° 25' 0.909"
P1949	31	23° 23' 52.957"	82° 24' 32.326"	P1950	31	23° 23' 52.357"	82° 24' 32.487"
P1951	31	23° 23' 51.766"	82° 24' 32.640"	P1952	31	23° 23' 51.406"	82° 24' 32.758"
P1953	31	23° 23' 50.952"	82° 24' 32.922"	P1954	31	23° 23' 50.437"	82° 24' 33.144"
P1955	31	23° 23' 49.931"	82° 24' 33.412"	P1956	31	23° 23' 48.980"	82° 24' 33.900"
P1957	31	23° 23' 48.702"	82° 24' 34.034"	P1958	31	23° 23' 48.156"	82° 24' 34.273"
P1959	31	23° 23' 47.582"	82° 24' 34.480"	P1960	31	23° 23' 47.393"	82° 24' 34.544"
P1961	31	23° 23' 47.150"	82° 24' 34.614"	P1962	31	23° 23' 46.908"	82° 24' 34.681"
P1963	31	23° 23' 45.907"	82° 24' 34.891"	P1964	31	23° 23' 44.969"	82° 24' 35.066"
P1965	31	23° 23' 44.092"	82° 24' 35.247"	P1966	31	23° 23' 42.998"	82° 24' 35.453"
P1967	31	23° 23' 41.892"	82° 24' 35.616"	P1968	31	23° 23' 41.006"	82° 24' 35.768"
P1969	31	23° 23' 40.104"	82° 24' 35.904"	P1970	31	23° 23' 39.616"	82° 24' 35.967"
P1971	31	23° 23' 39.274"	82° 24' 35.997"	P1972	31	23° 23' 38.617"	82° 24' 36.077"
P1973	31	23° 23' 38.042"	82° 24' 36.167"	P1974	31	23° 23' 37.422"	82° 24' 36.249"
P1975	31	23° 23' 36.227"	82° 24' 36.360"	P1976	31	23° 23' 35.695"	82° 24' 36.409"
P1977	31	23° 23' 34.989"	82° 24' 36.505"	P1978	31	23° 23' 34.306"	82° 24' 36.586"
P1979	31	23° 23' 33.853"	82° 24' 36.637"	P1980	31	23° 23' 33.563"	82° 24' 36.665"
P1981	31	23° 23' 33.075"	82° 24' 36.721"	P1982	31	23° 23' 32.667"	82° 24' 36.781"
P1983	31	23° 23' 32.217"	82° 24' 36.875"	P1984	31	23° 23' 31.917"	82° 24' 36.931"
P1985	31	23° 23' 31.616"	82° 24' 36.978"	P1986	31	23° 23' 31.307"	82° 24' 37.029"
P1987	31	23° 23' 31.117"	82° 24' 37.047"	P1988	31	23° 23' 30.914"	82° 24' 37.066"
P1989	31	23° 23' 30.481"	82° 24' 37.096"	P1990	31	23° 23' 30.181"	82° 24' 37.106"
P1991	31	23° 23' 29.599"	82° 24' 37.151"	P1992	31	23° 23' 28.998"	82° 24' 37.200"
P1993	31	23° 23' 28.617"	82° 24' 37.235"	P1994	31	23° 23' 28.382"	82° 24' 37.278"
P1995	31	23° 23' 27.896"	82° 24' 37.380"	P1996	31	23° 23' 27.727"	82° 24' 37.434"

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Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1837	30	23° 22' 31.912"	82° 24' 50.682"	P1838	30	23° 22' 31.142"	82° 24' 51.309"
P1839	30	23° 22' 30.613"	82° 24' 51.751"	P1840	30	23° 22' 30.255"	82° 24' 52.081"
P1841	30	23° 22' 29.676"	82° 24' 52.688"	P1842	30	23° 22' 29.235"	82° 24' 53.198"
P1843	30	23° 22' 28.974"	82° 24' 53.494"	P1844	30	23° 22' 28.686"	82° 24' 53.849"
P1845	30	23° 22' 28.202"	82° 24' 54.521"	P1846	30	23° 22' 27.725"	82° 24' 55.228"
P1847	30	23° 22' 27.386"	82° 24' 55.713"	P1848	30	23° 22' 27.117"	82° 24' 56.131"
P1849	30	23° 22' 27.009"	82° 24' 56.307"	P1850	30	23° 22' 26.744"	82° 24' 56.801"
P1851	30	23° 22' 26.255"	82° 24' 57.688"	P1852	30	23° 22' 26.004"	82° 24' 58.133"
P1853	30	23° 22' 25.750"	82° 24' 58.536"	P1854	30	23° 22' 25.461"	82° 24' 58.947"
P1855	30	23° 22' 25.119"	82° 24' 59.412"	P1856	30	23° 22' 24.712"	82° 24' 59.876"
P1857	30	23° 22' 24.393"	82° 25' 0.182"	P1858	30	23° 22' 24.102"	82° 25' 0.444"
P1859	30	23° 22' 23.788"	82° 25' 0.702"	P1860	30	23° 22' 23.320"	82° 25' 1.069"
P1861	30	23° 22' 23.102"	82° 25' 1.227"	P1862	30	23° 22' 22.806"	82° 25' 1.417"
P1863	30	23° 22' 22.592"	82° 25' 1.526"	P1864	30	23° 22' 22.295"	82° 25' 1.643"
P1865	30	23° 22' 21.478"	82° 25' 1.898"	P1866	30	23° 22' 20.763"	82° 25' 2.096"
P1867	30	23° 22' 20.256"	82° 25' 2.224"	P1868	30	23° 22' 19.779"	82° 25' 2.368"
P1869	30	23° 22' 19.216"	82° 25' 2.565"	P1870	30	23° 22' 18.674"	82° 25' 2.748"
P1871	30	23° 22' 18.070"	82° 25' 2.925"	P1872	30	23° 22' 17.842"	82° 25' 2.981"
P1873	30	23° 22' 17.518"	82° 25' 3.023"	P1874	30	23° 22' 17.165"	82° 25' 3.040"
P1875	30	23° 22' 16.811"	82° 25' 3.064"	P1876	30	23° 22' 16.194"	82° 25' 3.138"
P1877	30	23° 22' 15.549"	82° 25' 3.203"	P1878	30	23° 22' 15.109"	82° 25' 3.254"
P1879	30	23° 22' 14.750"	82° 25' 3.298"	P1880	30	23° 22' 14.172"	82° 25' 3.360"
P1881	30	23° 22' 13.761"	82° 25' 3.395"	P1882	30	23° 22' 13.323"	82° 25' 3.413"
P1883	30	23° 22' 13.111"	82° 25' 3.414"	P1884	30	23° 22' 12.955"	82° 25' 3.405"
P1885	30	23° 22' 12.534"	82° 25' 3.356"	P1886	30	23° 22' 11.913"	82° 25' 3.267"
P1887	30	23° 22' 10.825"	82° 25' 3.092"	P1888	30	23° 22' 9.820"	82° 25' 2.912"
P1889	30	23° 22' 9.061"	82° 25' 2.769"	P1890	30	23° 22' 8.520"	82° 25' 2.664"
P1891	30	23° 22' 8.010"	82° 25' 2.579"	P1892	30	23° 22' 7.388"	82° 25' 2.503"
P1893	30	23° 22' 7.094"	82° 25' 2.457"	P1894	30	23° 22' 6.819"	82° 25' 2.400"
P1895	30	23° 22' 6.254"	82° 25' 2.247"	P1896	30	23° 22' 5.644"	82° 25' 2.087"
P1897	30	23° 22' 5.005"	82° 25' 1.894"	P1898	30	23° 22' 4.786"	82° 25' 1.831"
P1899	30	23° 22' 4.507"	82° 25' 1.767"	P1900	30	23° 22' 4.240"	82° 25' 1.724"
P1901	30	23° 22' 3.968"	82° 25' 1.699"	P1902	30	23° 22' 3.706"	82° 25' 1.688"
P1903	30	23° 22' 3.082"	82° 25' 1.690"	P1904	30	23° 22' 2.407"	82° 25' 1.703"
P1905	30	23° 22' 1.686"	82° 25' 1.712"	P1906	30	23° 22' 1.371"	82° 25' 1.713"
P1907	30	23° 22' 1.217"	82° 25' 1.718"	P1908	30	23° 22' 1.042"	82° 25' 1.730"
P1909	30	23° 22' 0.424"	82° 25' 1.782"	P1910	30	23° 21' 59.704"	82° 25' 1.860"
P1911	30	23° 21' 58.912"	82° 25' 1.948"	P1912	30	23° 21' 58.566"	82° 25' 1.997"
P1913	30	23° 21' 58.455"	82° 25' 2.018"	P1914	30	23° 21' 58.346"	82° 25' 2.036"
P1915	30	23° 21' 58.179"	82° 25' 2.058"	P1916	30	23° 21' 58.018"	82° 25' 2.063"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1757	29	23° 21' 22.436"	82° 24' 57.674"	P1758	29	23° 21' 21.692"	82° 24' 57.780"
P1759	29	23° 21' 20.897"	82° 24' 57.850"	P1760	29	23° 21' 20.277"	82° 24' 57.895"
P1761	29	23° 21' 19.704"	82° 24' 57.919"	P1762	29	23° 21' 19.343"	82° 24' 57.925"
P1763	29	23° 21' 18.824"	82° 24' 57.916"	P1764	29	23° 21' 18.426"	82° 24' 57.897"
P1765	29	23° 21' 18.271"	82° 24' 57.880"	P1766	29	23° 21' 18.156"	82° 24' 57.858"
P1767	29	23° 21' 18.066"	82° 24' 57.840"	P1768	29	23° 21' 17.588"	82° 24' 57.717"
P1769	29	23° 21' 17.286"	82° 24' 57.654"	P1770	29	23° 21' 17.038"	82° 24' 57.596"
P1771	29	23° 21' 16.907"	82° 24' 57.579"	P1772	29	23° 21' 16.727"	82° 24' 57.563"
P1773	29	23° 21' 16.573"	82° 24' 57.560"	P1774	29	23° 21' 16.334"	82° 24' 57.567"
P1775	29	23° 21' 16.107"	82° 24' 57.581"	P1776	29	23° 21' 15.487"	82° 24' 57.641"
P1777	29	23° 21' 14.575"	82° 24' 57.737"	P1778	29	23° 21' 13.970"	82° 24' 57.790"
P1779	29	23° 21' 13.775"	82° 24' 57.821"	P1780	29	23° 21' 13.168"	82° 24' 57.948"
P1781	29	23° 21' 12.950"	82° 24' 57.982"	P1782	29	23° 21' 12.801"	82° 24' 57.992"
P1783	29	23° 21' 12.695"	82° 24' 57.981"	P1784	30	23° 22' 50.193"	82° 24' 39.466"
P1785	30	23° 22' 50.108"	82° 24' 39.487"	P1786	30	23° 22' 49.824"	82° 24' 39.545"
P1787	30	23° 22' 49.730"	82° 24' 39.559"	P1788	30	23° 22' 49.442"	82° 24' 39.581"
P1789	30	23° 22' 49.223"	82° 24' 39.594"	P1790	30	23° 22' 48.964"	82° 24' 39.597"
P1791	30	23° 22' 48.504"	82° 24' 39.583"	P1792	30	23° 22' 47.582"	82° 24' 39.517"
P1793	30	23° 22' 46.321"	82° 24' 39.483"	P1794	30	23° 22' 45.125"	82° 24' 39.435"
P1795	30	23° 22' 43.773"	82° 24' 39.364"	P1796	30	23° 22' 43.565"	82° 24' 39.409"
P1797	30	23° 22' 43.433"	82° 24' 39.463"	P1798	30	23° 22' 43.215"	82° 24' 39.596"
P1799	30	23° 22' 43.114"	82° 24' 39.691"	P1800	30	23° 22' 43.077"	82° 24' 39.753"
P1801	30	23° 22' 43.017"	82° 24' 39.865"	P1802	30	23° 22' 42.901"	82° 24' 40.123"
P1803	30	23° 22' 42.771"	82° 24' 40.401"	P1804	30	23° 22' 42.616"	82° 24' 40.797"
P1805	30	23° 22' 42.434"	82° 24' 41.288"	P1806	30	23° 22' 42.282"	82° 24' 41.659"
P1807	30	23° 22' 42.161"	82° 24' 42.018"	P1808	30	23° 22' 42.083"	82° 24' 42.258"
P1809	30	23° 22' 42.021"	82° 24' 42.430"	P1810	30	23° 22' 41.974"	82° 24' 42.551"
P1811	30	23° 22' 41.933"	82° 24' 42.634"	P1812	30	23° 22' 41.861"	82° 24' 42.747"
P1813	30	23° 22' 41.728"	82° 24' 42.923"	P1814	30	23° 22' 41.373"	82° 24' 43.358"
P1815	30	23° 22' 41.090"	82° 24' 43.765"	P1816	30	23° 22' 40.815"	82° 24' 44.140"
P1817	30	23° 22' 40.598"	82° 24' 44.404"	P1818	30	23° 22' 40.387"	82° 24' 44.649"
P1819	30	23° 22' 40.270"	82° 24' 44.766"	P1820	30	23° 22' 40.005"	82° 24' 45.008"
P1821	30	23° 22' 39.582"	82° 24' 45.340"	P1822	30	23° 22' 39.051"	82° 24' 45.737"
P1823	30	23° 22' 38.402"	82° 24' 46.235"	P1824	30	23° 22' 37.707"	82° 24' 46.707"
P1825	30	23° 22' 37.387"	82° 24' 46.942"	P1826	30	23° 22' 36.893"	82° 24' 47.274"
P1827	30	23° 22' 36.678"	82° 24' 47.424"	P1828	30	23° 22' 36.430"	82° 24' 47.606"
P1829	30	23° 22' 35.859"	82° 24' 47.971"	P1830	30	23° 22' 35.402"	82° 24' 48.270"
P1831	30	23° 22' 34.654"	82° 24' 48.732"	P1832	30	23° 22' 34.149"	82° 24' 49.040"
P1833	30	23° 22' 33.667"	82° 24' 49.358"	P1834	30	23° 22' 33.251"	82° 24' 49.657"
P1835	30	23° 22' 32.803"	82° 24' 49.967"	P1836	30	23° 22' 32.486"	82° 24' 50.207"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1677	28	23° 20' 53.873"	82° 24' 35.423"	P1678	28	23° 20' 52.831"	82° 24' 34.877"
P1679	28	23° 20' 52.562"	82° 24' 34.755"	P1680	28	23° 20' 52.125"	82° 24' 34.541"
P1681	28	23° 20' 51.927"	82° 24' 34.426"	P1682	28	23° 20' 51.812"	82° 24' 34.345"
P1683	28	23° 20' 51.647"	82° 24' 34.216"	P1684	28	23° 20' 51.559"	82° 24' 34.141"
P1685	28	23° 20' 51.420"	82° 24' 33.982"	P1686	28	23° 20' 51.310"	82° 24' 33.836"
P1687	28	23° 20' 51.242"	82° 24' 33.737"	P1688	28	23° 20' 51.222"	82° 24' 33.703"
P1689	28	23° 20' 50.456"	82° 24' 31.993"	P1690	28	23° 20' 50.426"	82° 24' 31.841"
P1691	28	23° 20' 50.401"	82° 24' 31.617"	P1692	28	23° 20' 50.389"	82° 24' 31.436"
P1693	28	23° 20' 50.368"	82° 24' 31.105"	P1694	28	23° 20' 50.349"	82° 24' 30.420"
P1695	28	23° 20' 50.333"	82° 24' 29.445"	P1696	28	23° 20' 50.319"	82° 24' 28.548"
P1697	28	23° 20' 50.328"	82° 24' 28.059"	P1698	28	23° 20' 50.347"	82° 24' 27.085"
P1699	28	23° 20' 50.390"	82° 24' 26.380"	P1700	28	23° 20' 50.426"	82° 24' 25.645"
P1701	28	23° 20' 50.466"	82° 24' 25.286"	P1702	28	23° 20' 50.560"	82° 24' 24.500"
P1703	28	23° 20' 50.722"	82° 24' 23.506"	P1704	28	23° 20' 50.878"	82° 24' 22.739"
P1705	28	23° 20' 50.924"	82° 24' 22.484"	P1706	29	23° 21' 44.635"	82° 25' 0.909"
P1707	29	23° 21' 44.595"	82° 25' 0.907"	P1708	29	23° 21' 44.453"	82° 25' 0.890"
P1709	29	23° 21' 44.032"	82° 25' 0.815"	P1710	29	23° 21' 43.841"	82° 25' 0.773"
P1711	29	23° 21' 43.477"	82° 25' 0.647"	P1712	29	23° 21' 43.358"	82° 25' 0.602"
P1713	29	23° 21' 43.169"	82° 25' 0.513"	P1714	29	23° 21' 42.947"	82° 25' 0.386"
P1715	29	23° 21' 42.677"	82° 25' 0.211"	P1716	29	23° 21' 42.423"	82° 25' 0.020"
P1717	29	23° 21' 42.146"	82° 24' 59.799"	P1718	29	23° 21' 41.694"	82° 24' 59.407"
P1719	29	23° 21' 41.185"	82° 24' 58.964"	P1720	29	23° 21' 40.707"	82° 24' 58.533"
P1721	29	23° 21' 40.409"	82° 24' 58.304"	P1722	29	23° 21' 40.269"	82° 24' 58.201"
P1723	29	23° 21' 40.154"	82° 24' 58.128"	P1724	29	23° 21' 40.068"	82° 24' 58.094"
P1725	29	23° 21' 39.913"	82° 24' 58.040"	P1726	29	23° 21' 39.635"	82° 24' 57.998"
P1727	29	23° 21' 39.487"	82° 24' 57.976"	P1728	29	23° 21' 39.368"	82° 24' 57.979"
P1729	29	23° 21' 39.155"	82° 24' 57.984"	P1730	29	23° 21' 38.912"	82° 24' 57.993"
P1731	29	23° 21' 38.610"	82° 24' 58.017"	P1732	29	23° 21' 38.311"	82° 24' 58.038"
P1733	29	23° 21' 37.441"	82° 24' 58.072"	P1734	29	23° 21' 36.312"	82° 24' 58.092"
P1735	29	23° 21' 35.075"	82° 24' 58.221"	P1736	29	23° 21' 34.202"	82° 24' 58.323"
P1737	29	23° 21' 33.387"	82° 24' 58.388"	P1738	29	23° 21' 32.141"	82° 24' 58.432"
P1739	29	23° 21' 31.717"	82° 24' 58.470"	P1740	29	23° 21' 31.045"	82° 24' 58.509"
P1741	29	23° 21' 30.685"	82° 24' 58.517"	P1742	29	23° 21' 30.484"	82° 24' 58.515"
P1743	29	23° 21' 29.900"	82° 24' 58.475"	P1744	29	23° 21' 29.347"	82° 24' 58.444"
P1745	29	23° 21' 28.641"	82° 24' 58.362"	P1746	29	23° 21' 28.128"	82° 24' 58.287"
P1747	29	23° 21' 27.734"	82° 24' 58.227"	P1748	29	23° 21' 27.030"	82° 24' 58.068"
P1749	29	23° 21' 26.023"	82° 24' 57.827"	P1750	29	23° 21' 25.466"	82° 24' 57.719"
P1751	29	23° 21' 24.599"	82° 24' 57.583"	P1752	29	23° 21' 24.047"	82° 24' 57.505"
P1753	29	23° 21' 23.846"	82° 24' 57.485"	P1754	29	23° 21' 23.687"	82° 24' 57.488"
P1755	29	23° 21' 23.454"	82° 24' 57.501"	P1756	29	23° 21' 23.282"	82° 24' 57.528"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1597	27	23° 24' 58.633"	82° 23' 45.135"	P1598	27	23° 24' 58.556"	82° 23' 45.537"
P1599	27	23° 24' 58.409"	82° 23' 46.339"	P1600	27	23° 24' 58.287"	82° 23' 47.151"
P1601	27	23° 24' 58.169"	82° 23' 48.124"	P1602	27	23° 24' 58.089"	82° 23' 49.119"
P1603	27	23° 24' 58.036"	82° 23' 49.900"	P1604	27	23° 24' 58.028"	82° 23' 50.519"
P1605	27	23° 24' 58.039"	82° 23' 51.161"	P1606	27	23° 24' 58.040"	82° 23' 52.063"
P1607	27	23° 24' 58.024"	82° 23' 52.548"	P1608	27	23° 24' 57.997"	82° 23' 52.798"
P1609	27	23° 24' 57.963"	82° 23' 52.965"	P1610	27	23° 24' 57.926"	82° 23' 53.088"
P1611	27	23° 24' 57.880"	82° 23' 53.210"	P1612	27	23° 24' 57.833"	82° 23' 53.316"
P1613	27	23° 24' 57.791"	82° 23' 53.399"	P1614	27	23° 24' 57.765"	82° 23' 53.438"
P1615	27	23° 24' 57.707"	82° 23' 53.514"	P1616	27	23° 24' 57.655"	82° 23' 53.576"
P1617	27	23° 24' 57.581"	82° 23' 53.649"	P1618	27	23° 24' 57.483"	82° 23' 53.740"
P1619	27	23° 24' 57.370"	82° 23' 53.818"	P1620	27	23° 24' 57.270"	82° 23' 53.878"
P1621	27	23° 24' 57.117"	82° 23' 53.959"	P1622	27	23° 24' 56.812"	82° 23' 54.076"
P1623	27	23° 24' 56.350"	82° 23' 54.212"	P1624	27	23° 24' 56.053"	82° 23' 54.292"
P1625	27	23° 24' 55.574"	82° 23' 54.398"	P1626	27	23° 24' 54.577"	82° 23' 54.609"
P1627	27	23° 24' 53.608"	82° 23' 54.806"	P1628	27	23° 24' 52.520"	82° 23' 54.991"
P1629	27	23° 24' 51.855"	82° 23' 55.087"	P1630	27	23° 24' 51.264"	82° 23' 55.170"
P1631	27	23° 24' 50.970"	82° 23' 55.207"	P1632	27	23° 24' 50.596"	82° 23' 55.227"
P1633	27	23° 24' 50.212"	82° 23' 55.221"	P1634	27	23° 24' 50.040"	82° 23' 55.204"
P1635	27	23° 24' 49.840"	82° 23' 55.188"	P1636	27	23° 24' 49.578"	82° 23' 55.159"
P1637	27	23° 24' 49.027"	82° 23' 55.069"	P1638	27	23° 24' 48.426"	82° 23' 54.957"
P1639	27	23° 24' 47.799"	82° 23' 54.831"	P1640	27	23° 24' 47.089"	82° 23' 54.728"
P1641	27	23° 24' 46.526"	82° 23' 54.674"	P1642	27	23° 24' 45.791"	82° 23' 54.663"
P1643	27	23° 24' 44.987"	82° 23' 54.644"	P1644	27	23° 24' 44.541"	82° 23' 54.670"
P1645	27	23° 24' 44.180"	82° 23' 54.735"	P1646	27	23° 24' 43.975"	82° 23' 54.823"
P1647	27	23° 24' 43.749"	82° 23' 54.955"	P1648	27	23° 24' 43.626"	82° 23' 55.057"
P1649	27	23° 24' 43.349"	82° 23' 55.304"	P1650	27	23° 24' 43.120"	82° 23' 55.539"
P1651	27	23° 24' 42.977"	82° 23' 55.692"	P1652	27	23° 24' 42.789"	82° 23' 55.931"
P1653	27	23° 24' 42.468"	82° 23' 56.376"	P1654	27	23° 24' 42.304"	82° 23' 56.628"
P1655	27	23° 24' 42.075"	82° 23' 56.960"	P1656	27	23° 24' 41.835"	82° 23' 57.252"
P1657	27	23° 24' 41.584"	82° 23' 57.534"	P1658	28	23° 21' 1.437"	82° 24' 43.899"
P1659	28	23° 21' 1.150"	82° 24' 43.190"	P1660	28	23° 21' 1.012"	82° 24' 42.819"
P1661	28	23° 21' 0.711"	82° 24' 42.165"	P1662	28	23° 21' 0.535"	82° 24' 41.813"
P1663	28	23° 21' 0.433"	82° 24' 41.552"	P1664	28	23° 21' 0.292"	82° 24' 41.219"
P1665	28	23° 21' 0.064"	82° 24' 40.757"	P1666	28	23° 20' 59.571"	82° 24' 39.776"
P1667	28	23° 20' 59.176"	82° 24' 39.072"	P1668	28	23° 20' 59.023"	82° 24' 38.836"
P1669	28	23° 20' 58.659"	82° 24' 38.381"	P1670	28	23° 20' 58.249"	82° 24' 37.975"
P1671	28	23° 20' 57.942"	82° 24' 37.729"	P1672	28	23° 20' 57.633"	82° 24' 37.496"
P1673	28	23° 20' 57.200"	82° 24' 37.221"	P1674	28	23° 20' 56.610"	82° 24' 36.882"
P1675	28	23° 20' 55.955"	82° 24' 36.529"	P1676	28	23° 20' 54.757"	82° 24' 35.902"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1517	26	23° 24' 37.071"	82° 24' 0.968"	P1518	26	23° 24' 36.839"	82° 24' 1.081"
P1519	26	23° 24' 36.636"	82° 24' 1.191"	P1520	26	23° 24' 36.418"	82° 24' 1.342"
P1521	26	23° 24' 36.232"	82° 24' 1.484"	P1522	26	23° 24' 36.123"	82° 24' 1.595"
P1523	26	23° 24' 36.000"	82° 24' 1.735"	P1524	26	23° 24' 35.880"	82° 24' 1.908"
P1525	26	23° 24' 35.806"	82° 24' 2.029"	P1526	26	23° 24' 35.712"	82° 24' 2.211"
P1527	26	23° 24' 35.656"	82° 24' 2.362"	P1528	26	23° 24' 35.616"	82° 24' 2.490"
P1529	26	23° 24' 35.546"	82° 24' 2.791"	P1530	26	23° 24' 35.494"	82° 24' 3.072"
P1531	26	23° 24' 35.463"	82° 24' 3.325"	P1532	26	23° 24' 35.401"	82° 24' 3.992"
P1533	26	23° 24' 35.368"	82° 24' 4.521"	P1534	26	23° 24' 35.322"	82° 24' 4.949"
P1535	26	23° 24' 35.243"	82° 24' 5.420"	P1536	26	23° 24' 35.182"	82° 24' 5.757"
P1537	26	23° 24' 35.139"	82° 24' 5.927"	P1538	26	23° 24' 35.089"	82° 24' 6.096"
P1539	26	23° 24' 34.962"	82° 24' 6.457"	P1540	26	23° 24' 34.838"	82° 24' 6.753"
P1541	26	23° 24' 34.736"	82° 24' 6.983"	P1542	26	23° 24' 34.648"	82° 24' 7.158"
P1543	26	23° 24' 34.532"	82° 24' 7.342"	P1544	26	23° 24' 34.387"	82° 24' 7.542"
P1545	26	23° 24' 34.260"	82° 24' 7.698"	P1546	26	23° 24' 34.106"	82° 24' 7.858"
P1547	26	23° 24' 33.802"	82° 24' 8.174"	P1548	26	23° 24' 33.564"	82° 24' 8.453"
P1549	26	23° 24' 33.229"	82° 24' 8.871"	P1550	26	23° 24' 32.889"	82° 24' 9.311"
P1551	26	23° 24' 32.582"	82° 24' 9.718"	P1552	26	23° 24' 32.239"	82° 24' 10.128"
P1553	26	23° 24' 31.627"	82° 24' 10.831"	P1554	26	23° 24' 31.022"	82° 24' 11.536"
P1555	26	23° 24' 30.774"	82° 24' 11.794"	P1556	26	23° 24' 30.650"	82° 24' 11.918"
P1557	26	23° 24' 30.271"	82° 24' 12.253"	P1558	26	23° 24' 29.549"	82° 24' 12.862"
P1559	26	23° 24' 28.728"	82° 24' 13.528"	P1560	26	23° 24' 28.096"	82° 24' 14.060"
P1561	26	23° 24' 27.597"	82° 24' 14.501"	P1562	26	23° 24' 27.065"	82° 24' 14.952"
P1563	26	23° 24' 26.877"	82° 24' 15.133"	P1564	26	23° 24' 26.619"	82° 24' 15.399"
P1565	26	23° 24' 26.356"	82° 24' 15.689"	P1566	26	23° 24' 26.003"	82° 24' 16.108"
P1567	26	23° 24' 25.782"	82° 24' 16.391"	P1568	26	23° 24' 25.434"	82° 24' 16.890"
P1569	26	23° 24' 25.082"	82° 24' 17.412"	P1570	26	23° 24' 24.596"	82° 24' 18.123"
P1571	26	23° 24' 24.272"	82° 24' 18.594"	P1572	26	23° 24' 23.848"	82° 24' 19.151"
P1573	26	23° 24' 23.756"	82° 24' 19.275"	P1574	27	23° 25' 3.584"	82° 23' 36.120"
P1575	27	23° 25' 3.422"	82° 23' 36.184"	P1576	27	23° 25' 3.169"	82° 23' 36.310"
P1577	27	23° 25' 2.997"	82° 23' 36.441"	P1578	27	23° 25' 2.843"	82° 23' 36.550"
P1579	27	23° 25' 2.720"	82° 23' 36.659"	P1580	27	23° 25' 2.337"	82° 23' 37.181"
P1581	27	23° 25' 1.884"	82° 23' 37.868"	P1582	27	23° 25' 1.603"	82° 23' 38.353"
P1583	27	23° 25' 1.339"	82° 23' 38.843"	P1584	27	23° 25' 1.166"	82° 23' 39.214"
P1585	27	23° 25' 0.814"	82° 23' 39.947"	P1586	27	23° 25' 0.682"	82° 23' 40.206"
P1587	27	23° 25' 0.413"	82° 23' 40.726"	P1588	27	23° 25' 0.076"	82° 23' 41.355"
P1589	27	23° 24' 59.815"	82° 23' 41.867"	P1590	27	23° 24' 59.638"	82° 23' 42.223"
P1591	27	23° 24' 59.565"	82° 23' 42.415"	P1592	27	23° 24' 59.250"	82° 23' 43.204"
P1593	27	23° 24' 59.082"	82° 23' 43.683"	P1594	27	23° 24' 58.951"	82° 23' 44.016"
P1595	27	23° 24' 58.810"	82° 23' 44.464"	P1596	27	23° 24' 58.724"	82° 23' 44.781"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1437	24	23° 20' 35.854"	82° 25' 35.518"	P1438	24	23° 20' 35.102"	82° 25' 37.431"
P1439	24	23° 20' 34.580"	82° 25' 38.834"	P1440	24	23° 20' 34.084"	82° 25' 40.201"
P1441	24	23° 20' 33.612"	82° 25' 41.761"	P1442	24	23° 20' 33.396"	82° 25' 42.644"
P1443	24	23° 20' 33.129"	82° 25' 44.165"	P1444	24	23° 20' 33.041"	82° 25' 44.740"
P1445	24	23° 20' 32.970"	82° 25' 45.320"	P1446	24	23° 20' 32.946"	82° 25' 45.621"
P1447	24	23° 20' 32.945"	82° 25' 45.854"	P1448	25	23° 20' 56.734"	82° 23' 44.661"
P1449	25	23° 20' 56.718"	82° 23' 44.467"	P1450	25	23° 20' 56.618"	82° 23' 43.576"
P1451	25	23° 20' 56.579"	82° 23' 42.999"	P1452	25	23° 20' 56.534"	82° 23' 41.635"
P1453	25	23° 20' 56.505"	82° 23' 41.238"	P1454	25	23° 20' 56.463"	82° 23' 40.910"
P1455	25	23° 20' 56.429"	82° 23' 40.666"	P1456	25	23° 20' 56.388"	82° 23' 40.270"
P1457	25	23° 20' 56.387"	82° 23' 40.117"	P1458	25	23° 20' 56.393"	82° 23' 39.879"
P1459	25	23° 20' 56.432"	82° 23' 39.410"	P1460	25	23° 20' 56.505"	82° 23' 38.948"
P1461	25	23° 20' 56.534"	82° 23' 38.546"	P1462	25	23° 20' 56.529"	82° 23' 38.209"
P1463	25	23° 20' 56.500"	82° 23' 37.810"	P1464	25	23° 20' 56.475"	82° 23' 37.481"
P1465	25	23° 20' 56.467"	82° 23' 37.375"	P1466	25	23° 20' 56.467"	82° 23' 37.273"
P1467	25	23° 20' 56.480"	82° 23' 37.165"	P1468	25	23° 20' 56.514"	82° 23' 36.921"
P1469	25	23° 20' 56.545"	82° 23' 36.741"	P1470	25	23° 20' 56.591"	82° 23' 36.575"
P1471	25	23° 20' 56.666"	82° 23' 36.373"	P1472	25	23° 20' 56.749"	82° 23' 36.189"
P1473	25	23° 20' 56.909"	82° 23' 35.899"	P1474	25	23° 20' 57.064"	82° 23' 35.679"
P1475	25	23° 20' 57.296"	82° 23' 35.393"	P1476	25	23° 20' 57.492"	82° 23' 35.170"
P1477	25	23° 20' 57.617"	82° 23' 35.012"	P1478	25	23° 20' 57.798"	82° 23' 34.772"
P1479	25	23° 20' 57.990"	82° 23' 34.487"	P1480	25	23° 20' 58.237"	82° 23' 34.074"
P1481	25	23° 20' 58.383"	82° 23' 33.835"	P1482	25	23° 20' 58.546"	82° 23' 33.525"
P1483	25	23° 20' 58.898"	82° 23' 32.817"	P1484	25	23° 20' 59.383"	82° 23' 31.845"
P1485	25	23° 20' 59.779"	82° 23' 31.034"	P1486	25	23° 20' 59.940"	82° 23' 30.740"
P1487	25	23° 21' 0.266"	82° 23' 30.150"	P1488	25	23° 21' 0.643"	82° 23' 29.471"
P1489	25	23° 21' 0.703"	82° 23' 29.354"	P1490	25	23° 21' 0.785"	82° 23' 29.173"
P1491	25	23° 21' 1.006"	82° 23' 28.680"	P1492	25	23° 21' 1.229"	82° 23' 28.199"
P1493	25	23° 21' 1.407"	82° 23' 27.817"	P1494	25	23° 21' 1.502"	82° 23' 27.583"
P1495	25	23° 21' 1.579"	82° 23' 27.310"	P1496	25	23° 21' 1.685"	82° 23' 26.932"
P1497	25	23° 21' 1.727"	82° 23' 26.736"	P1498	25	23° 21' 1.773"	82° 23' 26.448"
P1499	25	23° 21' 1.898"	82° 23' 25.198"	P1500	25	23° 21' 1.942"	82° 23' 24.916"
P1501	25	23° 21' 2.009"	82° 23' 24.604"	P1502	25	23° 21' 2.167"	82° 23' 24.029"
P1503	25	23° 21' 2.354"	82° 23' 23.431"	P1504	25	23° 21' 2.430"	82° 23' 23.226"
P1505	26	23° 24' 41.584"	82° 23' 57.534"	P1506	26	23° 24' 41.537"	82° 23' 57.587"
P1507	26	23° 24' 40.797"	82° 23' 58.353"	P1508	26	23° 24' 40.357"	82° 23' 58.795"
P1509	26	23° 24' 39.794"	82° 23' 59.357"	P1510	26	23° 24' 39.442"	82° 23' 59.693"
P1511	26	23° 24' 39.221"	82° 23' 59.860"	P1512	26	23° 24' 38.966"	82° 24' 0.041"
P1513	26	23° 24' 38.652"	82° 24' 0.228"	P1514	26	23° 24' 38.484"	82° 24' 0.321"
P1515	26	23° 24' 38.160"	82° 24' 0.480"	P1516	26	23° 24' 37.592"	82° 24' 0.743"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1357	22	23° 20' 54.422"	82° 25' 6.517"	P1358	22	23° 20' 53.814"	82° 25' 7.137"
P1359	22	23° 20' 48.455"	82° 25' 17.592"	P1360	22	23° 20' 48.469"	82° 25' 18.089"
P1361	22	23° 20' 48.473"	82° 25' 18.561"	P1362	22	23° 20' 48.465"	82° 25' 18.825"
P1363	22	23° 20' 48.449"	82° 25' 19.047"	P1364	22	23° 20' 48.426"	82° 25' 19.213"
P1365	22	23° 20' 48.392"	82° 25' 19.407"	P1366	22	23° 20' 48.343"	82° 25' 19.627"
P1367	22	23° 20' 48.281"	82° 25' 19.833"	P1368	22	23° 20' 48.140"	82° 25' 20.245"
P1369	22	23° 20' 48.034"	82° 25' 20.533"	P1370	22	23° 20' 47.900"	82° 25' 20.866"
P1371	22	23° 20' 47.777"	82° 25' 21.130"	P1372	22	23° 20' 47.727"	82° 25' 21.224"
P1373	22	23° 20' 47.599"	82° 25' 21.416"	P1374	22	23° 20' 47.473"	82° 25' 21.595"
P1375	22	23° 20' 47.349"	82° 25' 21.758"	P1376	22	23° 20' 47.225"	82° 25' 21.904"
P1377	22	23° 20' 47.063"	82° 25' 22.086"	P1378	22	23° 20' 46.843"	82° 25' 22.324"
P1379	22	23° 20' 46.395"	82° 25' 22.728"	P1380	22	23° 20' 46.128"	82° 25' 22.932"
P1381	22	23° 20' 44.746"	82° 25' 24.131"	P1382	22	23° 20' 43.699"	82° 25' 25.105"
P1383	22	23° 20' 32.945"	82° 25' 45.854"	P1384	22	23° 20' 32.945"	82° 25' 46.075"
P1385	22	23° 20' 32.961"	82° 25' 46.507"	P1386	22	23° 20' 32.994"	82° 25' 47.174"
P1387	22	23° 20' 33.142"	82° 25' 48.639"	P1388	22	23° 20' 33.308"	82° 25' 50.159"
P1389	22	23° 20' 33.391"	82° 25' 50.994"	P1390	22	23° 20' 33.533"	82° 25' 52.969"
P1391	22	23° 20' 33.631"	82° 25' 54.310"	P1392	22	23° 20' 33.788"	82° 25' 56.168"
P1393	22	23° 20' 33.881"	82° 25' 57.190"	P1394	22	23° 20' 33.995"	82° 25' 58.180"
P1395	22	23° 20' 34.010"	82° 25' 58.812"	P1396	22	23° 20' 33.980"	82° 25' 59.176"
P1397	22	23° 20' 33.949"	82° 25' 59.325"	P1398	22	23° 20' 33.878"	82° 25' 59.588"
P1399	22	23° 20' 33.775"	82° 25' 59.906"	P1400	22	23° 20' 33.512"	82° 26' 0.710"
P1401	22	23° 20' 33.112"	82° 26' 1.844"	P1402	22	23° 20' 32.831"	82° 26' 2.657"
P1403	22	23° 20' 32.565"	82° 26' 3.341"	P1404	22	23° 20' 31.755"	82° 26' 5.322"
P1405	22	23° 20' 31.003"	82° 26' 7.307"	P1406	22	23° 20' 30.511"	82° 26' 8.653"
P1407	22	23° 20' 30.427"	82° 26' 8.850"	P1408	22	23° 20' 30.399"	82° 26' 8.908"
P1409	22	23° 20' 30.354"	82° 26' 8.971"	P1410	22	23° 20' 30.269"	82° 26' 9.071"
P1411	22	23° 20' 30.200"	82° 26' 9.130"	P1412	22	23° 20' 30.172"	82° 26' 9.152"
P1413	22	23° 20' 30.132"	82° 26' 9.553"	P1414	22	23° 20' 30.164"	82° 26' 9.574"
P1415	22	23° 20' 30.268"	82° 26' 9.596"	P1416	22	23° 20' 30.347"	82° 26' 9.628"
P1417	22	23° 20' 30.430"	82° 26' 9.676"	P1418	22	23° 20' 30.494"	82° 26' 9.731"
P1419	22	23° 20' 30.653"	82° 26' 9.882"	P1420	22	23° 20' 30.753"	82° 26' 9.973"
P1421	22	23° 20' 30.863"	82° 26' 10.050"	P1422	22	23° 20' 30.981"	82° 26' 10.117"
P1423	22	23° 20' 31.044"	82° 26' 10.143"	P1424	23	23° 20' 30.172"	82° 26' 9.152"
P1425	23	23° 20' 30.134"	82° 26' 9.183"	P1426	23	23° 20' 30.060"	82° 26' 9.227"
P1427	23	23° 20' 30.030"	82° 26' 9.305"	P1428	23	23° 20' 30.079"	82° 26' 9.517"
P1429	23	23° 20' 30.132"	82° 26' 9.553"	P1430	24	23° 20' 38.892"	82° 25' 30.071"
P1431	24	23° 20' 38.210"	82° 25' 31.086"	P1432	24	23° 20' 37.551"	82° 25' 32.075"
P1433	24	23° 20' 37.261"	82° 25' 32.579"	P1434	24	23° 20' 37.022"	82° 25' 33.012"
P1435	24	23° 20' 36.674"	82° 25' 33.673"	P1436	24	23° 20' 36.248"	82° 25' 34.599"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1277	21	23° 20' 48.416"	82° 25' 16.413"	P1278	21	23° 20' 48.446"	82° 25' 17.281"
P1279	21	23° 20' 48.455"	82° 25' 17.592"	P1280	21	23° 20' 52.955"	82° 24' 8.876"
P1281	21	23° 20' 52.799"	82° 24' 9.063"	P1282	21	23° 20' 52.513"	82° 24' 9.430"
P1283	21	23° 20' 52.060"	82° 24' 9.966"	P1284	21	23° 20' 51.597"	82° 24' 10.546"
P1285	21	23° 20' 51.524"	82° 24' 10.639"	P1286	21	23° 20' 51.507"	82° 24' 10.660"
P1287	21	23° 20' 51.485"	82° 24' 10.676"	P1288	21	23° 20' 51.458"	82° 24' 10.687"
P1289	21	23° 20' 51.412"	82° 24' 10.700"	P1290	21	23° 20' 51.364"	82° 24' 10.713"
P1291	21	23° 20' 51.328"	82° 24' 10.740"	P1292	21	23° 20' 51.216"	82° 24' 10.884"
P1293	21	23° 20' 51.193"	82° 24' 10.946"	P1294	21	23° 20' 51.190"	82° 24' 11.024"
P1295	21	23° 20' 51.189"	82° 24' 11.043"	P1296	21	23° 20' 50.832"	82° 24' 21.535"
P1297	21	23° 20' 50.817"	82° 24' 21.607"	P1298	21	23° 20' 50.664"	82° 24' 22.506"
P1299	21	23° 20' 50.517"	82° 24' 23.281"	P1300	21	23° 20' 50.417"	82° 24' 23.770"
P1301	21	23° 20' 50.340"	82° 24' 24.290"	P1302	21	23° 20' 50.269"	82° 24' 24.773"
P1303	21	23° 20' 50.212"	82° 24' 25.245"	P1304	21	23° 20' 50.170"	82° 24' 25.825"
P1305	21	23° 20' 50.129"	82° 24' 26.538"	P1306	21	23° 20' 50.100"	82° 24' 26.966"
P1307	21	23° 20' 50.080"	82° 24' 27.375"	P1308	21	23° 20' 50.088"	82° 24' 27.636"
P1309	21	23° 20' 50.072"	82° 24' 28.187"	P1310	21	23° 20' 50.063"	82° 24' 28.763"
P1311	21	23° 20' 50.087"	82° 24' 29.566"	P1312	21	23° 20' 50.088"	82° 24' 29.955"
P1313	21	23° 20' 50.098"	82° 24' 30.335"	P1314	21	23° 20' 50.108"	82° 24' 30.767"
P1315	21	23° 20' 50.123"	82° 24' 31.206"	P1316	21	23° 20' 50.150"	82° 24' 31.578"
P1317	21	23° 20' 50.188"	82° 24' 31.898"	P1318	21	23° 20' 50.236"	82° 24' 32.169"
P1319	21	23° 20' 50.301"	82° 24' 32.434"	P1320	21	23° 20' 50.360"	82° 24' 32.623"
P1321	21	23° 20' 50.494"	82° 24' 32.890"	P1322	21	23° 20' 50.674"	82° 24' 33.231"
P1323	21	23° 20' 43.699"	82° 25' 25.105"	P1324	21	23° 20' 43.496"	82° 25' 25.293"
P1325	21	23° 20' 42.815"	82° 25' 25.921"	P1326	21	23° 20' 41.637"	82° 25' 27.033"
P1327	21	23° 20' 41.084"	82° 25' 27.589"	P1328	21	23° 20' 40.570"	82° 25' 28.081"
P1329	21	23° 20' 40.269"	82° 25' 28.365"	P1330	21	23° 20' 39.885"	82° 25' 28.754"
P1331	21	23° 20' 39.656"	82° 25' 29.007"	P1332	21	23° 20' 39.461"	82° 25' 29.251"
P1333	21	23° 20' 39.122"	82° 25' 29.728"	P1334	21	23° 20' 38.892"	82° 25' 30.071"
P1335	22	23° 21' 1.234"	82° 24' 54.149"	P1336	22	23° 21' 1.075"	82° 24' 54.664"
P1337	22	23° 21' 0.941"	82° 24' 55.064"	P1338	22	23° 21' 0.583"	82° 24' 56.106"
P1339	22	23° 21' 0.177"	82° 24' 57.438"	P1340	22	23° 20' 59.859"	82° 24' 58.606"
P1341	22	23° 20' 59.561"	82° 24' 59.612"	P1342	22	23° 20' 59.490"	82° 24' 59.850"
P1343	22	23° 20' 59.384"	82° 25' 0.170"	P1344	22	23° 20' 59.201"	82° 25' 0.719"
P1345	22	23° 20' 59.128"	82° 25' 0.895"	P1346	22	23° 20' 59.040"	82° 25' 1.061"
P1347	22	23° 20' 59.000"	82° 25' 1.128"	P1348	22	23° 20' 58.918"	82° 25' 1.255"
P1349	22	23° 20' 58.822"	82° 25' 1.390"	P1350	22	23° 20' 58.662"	82° 25' 1.588"
P1351	22	23° 20' 57.903"	82° 25' 2.460"	P1352	22	23° 20' 57.010"	82° 25' 3.543"
P1353	22	23° 20' 56.439"	82° 25' 4.211"	P1354	22	23° 20' 55.570"	82° 25' 5.244"
P1355	22	23° 20' 55.345"	82° 25' 5.506"	P1356	22	23° 20' 54.836"	82° 25' 6.060"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1197	20	23° 20' 56.646"	82° 26' 51.381"	P1198	21	23° 21' 1.260"	82° 24' 54.021"
P1199	21	23° 21' 1.243"	82° 24' 54.120"	P1200	21	23° 21' 1.234"	82° 24' 54.149"
P1201	21	23° 20' 50.692"	82° 24' 33.264"	P1202	21	23° 20' 50.800"	82° 24' 33.468"
P1203	21	23° 20' 50.935"	82° 24' 33.711"	P1204	21	23° 20' 51.025"	82° 24' 33.861"
P1205	21	23° 20' 51.119"	82° 24' 34.001"	P1206	21	23° 20' 51.222"	82° 24' 34.150"
P1207	21	23° 20' 51.296"	82° 24' 34.239"	P1208	21	23° 20' 51.389"	82° 24' 34.348"
P1209	21	23° 20' 51.510"	82° 24' 34.450"	P1210	21	23° 20' 51.702"	82° 24' 34.585"
P1211	21	23° 20' 51.877"	82° 24' 34.691"	P1212	21	23° 20' 52.027"	82° 24' 34.775"
P1213	21	23° 20' 52.235"	82° 24' 34.891"	P1214	21	23° 20' 52.623"	82° 24' 35.079"
P1215	21	23° 20' 53.292"	82° 24' 35.412"	P1216	21	23° 20' 53.931"	82° 24' 35.756"
P1217	21	23° 20' 54.343"	82° 24' 36.006"	P1218	21	23° 20' 54.518"	82° 24' 36.098"
P1219	21	23° 20' 55.176"	82° 24' 36.407"	P1220	21	23° 20' 55.831"	82° 24' 36.761"
P1221	21	23° 20' 56.552"	82° 24' 37.143"	P1222	21	23° 20' 56.958"	82° 24' 37.388"
P1223	21	23° 20' 57.103"	82° 24' 37.463"	P1224	21	23° 20' 57.422"	82° 24' 37.659"
P1225	21	23° 20' 57.648"	82° 24' 37.815"	P1226	21	23° 20' 57.974"	82° 24' 38.065"
P1227	21	23° 20' 58.161"	82° 24' 38.235"	P1228	21	23° 20' 58.320"	82° 24' 38.396"
P1229	21	23° 20' 58.431"	82° 24' 38.529"	P1230	21	23° 20' 58.672"	82° 24' 38.808"
P1231	21	23° 20' 58.798"	82° 24' 38.971"	P1232	21	23° 20' 58.865"	82° 24' 39.057"
P1233	21	23° 20' 58.896"	82° 24' 39.107"	P1234	21	23° 20' 58.953"	82° 24' 39.193"
P1235	21	23° 20' 59.054"	82° 24' 39.368"	P1236	21	23° 20' 59.239"	82° 24' 39.699"
P1237	21	23° 20' 59.431"	82° 24' 40.057"	P1238	21	23° 20' 59.587"	82° 24' 40.359"
P1239	21	23° 20' 59.719"	82° 24' 40.627"	P1240	21	23° 20' 59.839"	82° 24' 40.880"
P1241	21	23° 20' 59.902"	82° 24' 41.004"	P1242	21	23° 21' 0.075"	82° 24' 41.374"
P1243	21	23° 21' 0.318"	82° 24' 41.937"	P1244	21	23° 21' 0.538"	82° 24' 42.473"
P1245	21	23° 21' 0.679"	82° 24' 42.845"	P1246	21	23° 21' 0.988"	82° 24' 43.534"
P1247	21	23° 21' 1.290"	82° 24' 44.328"	P1248	21	23° 20' 53.814"	82° 25' 7.137"
P1249	21	23° 20' 53.569"	82° 25' 7.387"	P1250	21	23° 20' 53.438"	82° 25' 7.521"
P1251	21	23° 20' 53.276"	82° 25' 7.649"	P1252	21	23° 20' 52.771"	82° 25' 8.072"
P1253	21	23° 20' 51.930"	82° 25' 8.782"	P1254	21	23° 20' 51.702"	82° 25' 8.979"
P1255	21	23° 20' 51.521"	82° 25' 9.139"	P1256	21	23° 20' 51.313"	82° 25' 9.359"
P1257	21	23° 20' 51.085"	82° 25' 9.623"	P1258	21	23° 20' 50.948"	82° 25' 9.792"
P1259	21	23° 20' 50.818"	82° 25' 9.967"	P1260	21	23° 20' 50.653"	82° 25' 10.197"
P1261	21	23° 20' 50.514"	82° 25' 10.417"	P1262	21	23° 20' 50.359"	82° 25' 10.670"
P1263	21	23° 20' 49.843"	82° 25' 11.529"	P1264	21	23° 20' 49.395"	82° 25' 12.338"
P1265	21	23° 20' 48.979"	82° 25' 13.112"	P1266	21	23° 20' 48.862"	82° 25' 13.355"
P1267	21	23° 20' 48.801"	82° 25' 13.501"	P1268	21	23° 20' 48.759"	82° 25' 13.611"
P1269	21	23° 20' 48.672"	82° 25' 13.887"	P1270	21	23° 20' 48.607"	82° 25' 14.179"
P1271	21	23° 20' 48.556"	82° 25' 14.451"	P1272	21	23° 20' 48.518"	82° 25' 14.765"
P1273	21	23° 20' 48.491"	82° 25' 15.022"	P1274	21	23° 20' 48.454"	82° 25' 15.404"
P1275	21	23° 20' 48.426"	82° 25' 15.710"	P1276	21	23° 20' 48.414"	82° 25' 15.951"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1117	20	23° 20' 56.395"	82° 26' 16.583"	P1118	20	23° 20' 56.429"	82° 26' 16.697"
P1119	20	23° 20' 56.475"	82° 26' 16.809"	P1120	20	23° 20' 56.634"	82° 26' 17.027"
P1121	20	23° 20' 57.132"	82° 26' 17.570"	P1122	20	23° 20' 57.209"	82° 26' 17.656"
P1123	20	23° 20' 57.233"	82° 26' 17.706"	P1124	20	23° 20' 57.243"	82° 26' 17.756"
P1125	20	23° 20' 57.240"	82° 26' 17.850"	P1126	20	23° 20' 57.218"	82° 26' 17.968"
P1127	20	23° 20' 57.179"	82° 26' 18.084"	P1128	20	23° 20' 57.141"	82° 26' 18.163"
P1129	20	23° 20' 57.104"	82° 26' 18.212"	P1130	20	23° 20' 56.662"	82° 26' 18.647"
P1131	20	23° 20' 55.249"	82° 26' 20.156"	P1132	20	23° 20' 54.096"	82° 26' 21.425"
P1133	20	23° 20' 53.707"	82° 26' 21.896"	P1134	20	23° 20' 53.524"	82° 26' 22.161"
P1135	20	23° 20' 53.318"	82° 26' 22.490"	P1136	20	23° 20' 53.224"	82° 26' 22.689"
P1137	20	23° 20' 53.137"	82° 26' 22.944"	P1138	20	23° 20' 53.086"	82° 26' 23.262"
P1139	20	23° 20' 53.043"	82° 26' 23.512"	P1140	20	23° 20' 52.988"	82° 26' 24.121"
P1141	20	23° 20' 52.967"	82° 26' 24.498"	P1142	20	23° 20' 52.991"	82° 26' 25.108"
P1143	20	23° 20' 53.088"	82° 26' 26.345"	P1144	20	23° 20' 53.160"	82° 26' 27.047"
P1145	20	23° 20' 53.191"	82° 26' 27.222"	P1146	20	23° 20' 53.233"	82° 26' 27.444"
P1147	20	23° 20' 53.287"	82° 26' 27.618"	P1148	20	23° 20' 53.321"	82° 26' 27.705"
P1149	20	23° 20' 53.433"	82° 26' 27.890"	P1150	20	23° 20' 53.631"	82° 26' 28.180"
P1151	20	23° 20' 53.985"	82° 26' 28.579"	P1152	20	23° 20' 54.284"	82° 26' 28.933"
P1153	20	23° 20' 54.482"	82° 26' 29.171"	P1154	20	23° 20' 54.585"	82° 26' 29.284"
P1155	20	23° 20' 54.701"	82° 26' 29.436"	P1156	20	23° 20' 55.072"	82° 26' 29.998"
P1157	20	23° 20' 55.303"	82° 26' 30.404"	P1158	20	23° 20' 55.424"	82° 26' 30.632"
P1159	20	23° 20' 55.725"	82° 26' 31.367"	P1160	20	23° 20' 55.987"	82° 26' 32.102"
P1161	20	23° 20' 56.242"	82° 26' 32.855"	P1162	20	23° 20' 56.646"	82° 26' 33.948"
P1163	20	23° 20' 57.008"	82° 26' 34.908"	P1164	20	23° 20' 57.193"	82° 26' 35.484"
P1165	20	23° 20' 57.402"	82° 26' 36.302"	P1166	20	23° 20' 57.581"	82° 26' 36.923"
P1167	20	23° 20' 57.756"	82° 26' 37.400"	P1168	20	23° 20' 57.886"	82° 26' 37.694"
P1169	20	23° 20' 58.495"	82° 26' 39.003"	P1170	20	23° 20' 58.589"	82° 26' 39.227"
P1171	20	23° 20' 58.683"	82° 26' 39.610"	P1172	20	23° 20' 58.720"	82° 26' 39.842"
P1173	20	23° 20' 58.776"	82° 26' 40.317"	P1174	20	23° 20' 58.800"	82° 26' 40.627"
P1175	20	23° 20' 58.794"	82° 26' 40.844"	P1176	20	23° 20' 58.784"	82° 26' 40.980"
P1177	20	23° 20' 58.767"	82° 26' 41.147"	P1178	20	23° 20' 58.715"	82° 26' 41.440"
P1179	20	23° 20' 58.648"	82° 26' 41.749"	P1180	20	23° 20' 58.559"	82° 26' 42.117"
P1181	20	23° 20' 58.107"	82° 26' 43.643"	P1182	20	23° 20' 57.810"	82° 26' 44.624"
P1183	20	23° 20' 57.566"	82° 26' 45.603"	P1184	20	23° 20' 57.479"	82° 26' 46.160"
P1185	20	23° 20' 57.406"	82° 26' 46.872"	P1186	20	23° 20' 57.379"	82° 26' 47.060"
P1187	20	23° 20' 57.316"	82° 26' 47.406"	P1188	20	23° 20' 57.238"	82° 26' 47.800"
P1189	20	23° 20' 57.171"	82° 26' 48.119"	P1190	20	23° 20' 57.017"	82° 26' 48.692"
P1191	20	23° 20' 56.905"	82° 26' 49.091"	P1192	20	23° 20' 56.828"	82° 26' 49.382"
P1193	20	23° 20' 56.744"	82° 26' 49.739"	P1194	20	23° 20' 56.689"	82° 26' 50.048"
P1195	20	23° 20' 56.661"	82° 26' 50.501"	P1196	20	23° 20' 56.647"	82° 26' 51.293"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1037	19	23° 20' 58.658"	82° 27' 8.690"	P1038	19	23° 20' 58.770"	82° 27' 9.083"
P1039	19	23° 20' 58.955"	82° 27' 9.966"	P1040	19	23° 20' 59.152"	82° 27' 10.946"
P1041	19	23° 20' 59.300"	82° 27' 11.869"	P1042	19	23° 20' 59.328"	82° 27' 12.060"
P1043	19	23° 20' 59.353"	82° 27' 12.129"	P1044	19	23° 20' 59.387"	82° 27' 12.165"
P1045	19	23° 20' 59.547"	82° 27' 12.179"	P1046	19	23° 20' 59.686"	82° 27' 12.174"
P1047	19	23° 20' 59.769"	82° 27' 12.170"	P1048	19	23° 20' 59.822"	82° 27' 12.179"
P1049	19	23° 20' 59.912"	82° 27' 12.222"	P1050	19	23° 21' 0.000"	82° 27' 12.269"
P1051	19	23° 21' 0.038"	82° 27' 12.314"	P1052	19	23° 21' 0.067"	82° 27' 12.342"
P1053	19	23° 21' 0.123"	82° 27' 12.425"	P1054	19	23° 21' 0.192"	82° 27' 12.529"
P1055	19	23° 21' 0.257"	82° 27' 12.660"	P1056	19	23° 21' 0.314"	82° 27' 12.826"
P1057	19	23° 21' 0.359"	82° 27' 12.977"	P1058	19	23° 21' 0.439"	82° 27' 13.322"
P1059	19	23° 21' 0.534"	82° 27' 13.750"	P1060	19	23° 21' 0.627"	82° 27' 14.140"
P1061	19	23° 21' 0.664"	82° 27' 14.286"	P1062	19	23° 21' 0.714"	82° 27' 14.545"
P1063	19	23° 21' 0.727"	82° 27' 14.634"	P1064	19	23° 21' 0.741"	82° 27' 14.726"
P1065	20	23° 20' 31.044"	82° 26' 10.143"	P1066	20	23° 20' 31.134"	82° 26' 10.180"
P1067	20	23° 20' 31.286"	82° 26' 10.212"	P1068	20	23° 20' 31.968"	82° 26' 10.395"
P1069	20	23° 20' 32.915"	82° 26' 10.654"	P1070	20	23° 20' 33.211"	82° 26' 10.745"
P1071	20	23° 20' 33.741"	82° 26' 10.869"	P1072	20	23° 20' 34.135"	82° 26' 10.956"
P1073	20	23° 20' 34.391"	82° 26' 10.998"	P1074	20	23° 20' 34.737"	82° 26' 11.020"
P1075	20	23° 20' 35.088"	82° 26' 11.008"	P1076	20	23° 20' 35.429"	82° 26' 10.967"
P1077	20	23° 20' 36.875"	82° 26' 10.732"	P1078	20	23° 20' 38.984"	82° 26' 10.432"
P1079	20	23° 20' 40.641"	82° 26' 10.131"	P1080	20	23° 20' 42.095"	82° 26' 9.702"
P1081	20	23° 20' 42.987"	82° 26' 9.507"	P1082	20	23° 20' 43.445"	82° 26' 9.403"
P1083	20	23° 20' 44.038"	82° 26' 9.202"	P1084	20	23° 20' 44.859"	82° 26' 8.867"
P1085	20	23° 20' 45.096"	82° 26' 8.766"	P1086	20	23° 20' 45.542"	82° 26' 8.618"
P1087	20	23° 20' 45.805"	82° 26' 8.560"	P1088	20	23° 20' 46.036"	82° 26' 8.533"
P1089	20	23° 20' 46.151"	82° 26' 8.530"	P1090	20	23° 20' 46.378"	82° 26' 8.543"
P1091	20	23° 20' 46.643"	82° 26' 8.583"	P1092	20	23° 20' 46.892"	82° 26' 8.635"
P1093	20	23° 20' 47.544"	82° 26' 8.835"	P1094	20	23° 20' 48.473"	82° 26' 9.183"
P1095	20	23° 20' 48.743"	82° 26' 9.293"	P1096	20	23° 20' 49.266"	82° 26' 9.521"
P1097	20	23° 20' 49.410"	82° 26' 9.587"	P1098	20	23° 20' 49.826"	82° 26' 9.809"
P1099	20	23° 20' 50.067"	82° 26' 9.956"	P1100	20	23° 20' 50.302"	82° 26' 10.128"
P1101	20	23° 20' 50.581"	82° 26' 10.392"	P1102	20	23° 20' 51.379"	82° 26' 11.197"
P1103	20	23° 20' 52.970"	82° 26' 12.836"	P1104	20	23° 20' 53.614"	82° 26' 13.442"
P1105	20	23° 20' 54.063"	82° 26' 13.810"	P1106	20	23° 20' 54.684"	82° 26' 14.264"
P1107	20	23° 20' 55.118"	82° 26' 14.550"	P1108	20	23° 20' 55.355"	82° 26' 14.695"
P1109	20	23° 20' 55.464"	82° 26' 14.775"	P1110	20	23° 20' 55.546"	82° 26' 14.856"
P1111	20	23° 20' 55.762"	82° 26' 15.107"	P1112	20	23° 20' 56.014"	82° 26' 15.487"
P1113	20	23° 20' 56.193"	82° 26' 15.817"	P1114	20	23° 20' 56.239"	82° 26' 15.930"
P1115	20	23° 20' 56.267"	82° 26' 16.022"	P1116	20	23° 20' 56.343"	82° 26' 16.347"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P957	18	23° 21' 0.649"	82° 27' 16.058"	P958	18	23° 21' 0.646"	82° 27' 16.245"
P959	18	23° 21' 0.666"	82° 27' 16.637"	P960	18	23° 21' 0.693"	82° 27' 16.927"
P961	18	23° 21' 0.727"	82° 27' 17.111"	P962	18	23° 21' 0.823"	82° 27' 17.468"
P963	18	23° 21' 0.964"	82° 27' 17.946"	P964	18	23° 21' 1.034"	82° 27' 18.145"
P965	18	23° 21' 1.079"	82° 27' 18.235"	P966	18	23° 21' 1.170"	82° 27' 18.388"
P967	18	23° 21' 1.263"	82° 27' 18.534"	P968	18	23° 21' 1.390"	82° 27' 18.715"
P969	18	23° 21' 1.528"	82° 27' 18.876"	P970	18	23° 21' 1.679"	82° 27' 19.035"
P971	18	23° 21' 2.017"	82° 27' 19.409"	P972	18	23° 21' 2.207"	82° 27' 19.604"
P973	18	23° 21' 2.391"	82° 27' 19.784"	P974	18	23° 21' 2.743"	82° 27' 20.093"
P975	18	23° 21' 3.189"	82° 27' 20.418"	P976	18	23° 21' 3.907"	82° 27' 20.864"
P977	18	23° 21' 4.625"	82° 27' 21.370"	P978	18	23° 21' 5.195"	82° 27' 21.771"
P979	18	23° 21' 5.806"	82° 27' 22.194"	P980	18	23° 21' 6.109"	82° 27' 22.407"
P981	18	23° 21' 6.411"	82° 27' 22.630"	P982	18	23° 21' 6.694"	82° 27' 22.893"
P983	18	23° 21' 7.055"	82° 27' 23.262"	P984	18	23° 21' 7.299"	82° 27' 23.534"
P985	18	23° 21' 7.543"	82° 27' 23.815"	P986	18	23° 21' 7.829"	82° 27' 24.171"
P987	18	23° 21' 8.066"	82° 27' 24.482"	P988	18	23° 21' 8.270"	82° 27' 24.761"
P989	18	23° 21' 8.368"	82° 27' 24.899"	P990	18	23° 21' 8.462"	82° 27' 25.044"
P991	18	23° 21' 8.600"	82° 27' 25.281"	P992	18	23° 21' 8.791"	82° 27' 25.652"
P993	18	23° 21' 8.956"	82° 27' 25.979"	P994	18	23° 21' 9.026"	82° 27' 26.116"
P995	18	23° 21' 9.083"	82° 27' 26.259"	P996	18	23° 21' 9.219"	82° 27' 26.626"
P997	18	23° 21' 9.302"	82° 27' 26.879"	P998	18	23° 21' 9.411"	82° 27' 27.241"
P999	18	23° 21' 9.575"	82° 27' 27.913"	P1000	18	23° 21' 9.747"	82° 27' 28.555"
P1001	18	23° 21' 9.863"	82° 27' 28.902"	P1002	18	23° 21' 10.102"	82° 27' 29.481"
P1003	18	23° 21' 10.298"	82° 27' 29.984"	P1004	18	23° 21' 10.539"	82° 27' 30.645"
P1005	18	23° 21' 10.773"	82° 27' 31.228"	P1006	18	23° 21' 10.928"	82° 27' 31.654"
P1007	18	23° 21' 11.026"	82° 27' 31.993"	P1008	18	23° 21' 11.071"	82° 27' 32.240"
P1009	18	23° 21' 11.167"	82° 27' 32.704"	P1010	18	23° 21' 11.329"	82° 27' 33.290"
P1011	18	23° 21' 11.391"	82° 27' 33.519"	P1012	18	23° 21' 11.485"	82° 27' 33.888"
P1013	18	23° 21' 11.594"	82° 27' 34.438"	P1014	18	23° 21' 11.634"	82° 27' 34.657"
P1015	19	23° 20' 56.646"	82° 26' 51.381"	P1016	19	23° 20' 56.631"	82° 26' 52.408"
P1017	19	23° 20' 56.580"	82° 26' 53.831"	P1018	19	23° 20' 56.555"	82° 26' 54.732"
P1019	19	23° 20' 56.503"	82° 26' 55.469"	P1020	19	23° 20' 56.428"	82° 26' 56.237"
P1021	19	23° 20' 56.394"	82° 26' 56.577"	P1022	19	23° 20' 56.362"	82° 26' 56.900"
P1023	19	23° 20' 56.346"	82° 26' 57.138"	P1024	19	23° 20' 56.344"	82° 26' 57.420"
P1025	19	23° 20' 56.355"	82° 26' 57.600"	P1026	19	23° 20' 56.383"	82° 26' 57.914"
P1027	19	23° 20' 56.433"	82° 26' 58.329"	P1028	19	23° 20' 56.555"	82° 26' 58.964"
P1029	19	23° 20' 56.886"	82° 27' 0.689"	P1030	19	23° 20' 57.200"	82° 27' 2.339"
P1031	19	23° 20' 57.359"	82° 27' 3.200"	P1032	19	23° 20' 57.680"	82° 27' 4.961"
P1033	19	23° 20' 57.947"	82° 27' 6.119"	P1034	19	23° 20' 58.104"	82° 27' 6.729"
P1035	19	23° 20' 58.319"	82° 27' 7.543"	P1036	19	23° 20' 58.499"	82° 27' 8.152"

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Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P877	16	23° 20' 37.123"	82° 28' 9.523"	P878	16	23° 20' 37.245"	82° 28' 10.180"
P879	16	23° 20' 37.335"	82° 28' 10.539"	P880	16	23° 20' 37.399"	82° 28' 10.764"
P881	16	23° 20' 37.451"	82° 28' 10.927"	P882	16	23° 20' 37.509"	82° 28' 11.076"
P883	16	23° 20' 37.572"	82° 28' 11.218"	P884	16	23° 20' 37.711"	82° 28' 11.506"
P885	16	23° 20' 38.032"	82° 28' 12.115"	P886	16	23° 20' 38.487"	82° 28' 13.096"
P887	16	23° 20' 38.785"	82° 28' 13.803"	P888	16	23° 20' 38.904"	82° 28' 14.084"
P889	16	23° 20' 38.973"	82° 28' 14.242"	P890	16	23° 20' 39.020"	82° 28' 14.331"
P891	17	23° 21' 2.154"	82° 23' 23.278"	P892	17	23° 21' 1.980"	82° 23' 23.804"
P893	17	23° 21' 1.889"	82° 23' 24.118"	P894	17	23° 21' 1.782"	82° 23' 24.482"
P895	17	23° 21' 1.716"	82° 23' 24.841"	P896	17	23° 21' 1.613"	82° 23' 25.573"
P897	17	23° 21' 1.549"	82° 23' 26.220"	P898	17	23° 21' 1.516"	82° 23' 26.501"
P899	17	23° 21' 1.465"	82° 23' 26.768"	P900	17	23° 21' 1.399"	82° 23' 27.026"
P901	17	23° 21' 1.274"	82° 23' 27.449"	P902	17	23° 21' 1.196"	82° 23' 27.666"
P903	17	23° 21' 1.075"	82° 23' 27.934"	P904	17	23° 21' 0.890"	82° 23' 28.327"
P905	17	23° 21' 0.555"	82° 23' 29.055"	P906	17	23° 21' 0.453"	82° 23' 29.285"
P907	17	23° 21' 0.328"	82° 23' 29.508"	P908	17	23° 20' 59.908"	82° 23' 30.258"
P909	17	23° 20' 59.454"	82° 23' 31.109"	P910	17	23° 20' 59.279"	82° 23' 31.449"
P911	17	23° 20' 58.976"	82° 23' 32.099"	P912	17	23° 20' 58.752"	82° 23' 32.537"
P913	17	23° 20' 58.451"	82° 23' 33.136"	P914	17	23° 20' 58.319"	82° 23' 33.401"
P915	17	23° 20' 58.026"	82° 23' 33.926"	P916	17	23° 20' 57.802"	82° 23' 34.285"
P917	17	23° 20' 57.575"	82° 23' 34.637"	P918	17	23° 20' 57.354"	82° 23' 34.929"
P919	17	23° 20' 57.190"	82° 23' 35.131"	P920	17	23° 20' 57.073"	82° 23' 35.266"
P921	17	23° 20' 56.861"	82° 23' 35.526"	P922	17	23° 20' 56.728"	82° 23' 35.706"
P923	17	23° 20' 56.666"	82° 23' 35.818"	P924	17	23° 20' 56.522"	82° 23' 36.081"
P925	17	23° 20' 56.424"	82° 23' 36.311"	P926	17	23° 20' 56.362"	82° 23' 36.481"
P927	17	23° 20' 56.311"	82° 23' 36.658"	P928	17	23° 20' 56.274"	82° 23' 36.824"
P929	17	23° 20' 56.239"	82° 23' 37.092"	P930	17	23° 20' 56.232"	82° 23' 37.336"
P931	17	23° 20' 56.245"	82° 23' 37.577"	P932	17	23° 20' 56.250"	82° 23' 37.831"
P933	17	23° 20' 56.258"	82° 23' 38.054"	P934	17	23° 20' 56.276"	82° 23' 38.379"
P935	17	23° 20' 56.285"	82° 23' 38.529"	P936	17	23° 20' 56.279"	82° 23' 38.628"
P937	17	23° 20' 56.271"	82° 23' 38.745"	P938	17	23° 20' 56.196"	82° 23' 39.322"
P939	17	23° 20' 56.140"	82° 23' 39.867"	P940	17	23° 20' 56.139"	82° 23' 40.138"
P941	17	23° 20' 56.177"	82° 23' 40.680"	P942	17	23° 20' 56.227"	82° 23' 41.032"
P943	17	23° 20' 56.264"	82° 23' 41.381"	P944	17	23° 20' 56.281"	82° 23' 41.668"
P945	17	23° 20' 56.298"	82° 23' 42.181"	P946	17	23° 20' 56.346"	82° 23' 43.328"
P947	17	23° 20' 56.399"	82° 23' 43.923"	P948	17	23° 20' 56.471"	82° 23' 44.544"
P949	18	23° 21' 0.741"	82° 27' 14.726"	P950	18	23° 21' 0.748"	82° 27' 14.771"
P951	18	23° 21' 0.752"	82° 27' 14.908"	P952	18	23° 21' 0.748"	82° 27' 15.019"
P953	18	23° 21' 0.734"	82° 27' 15.169"	P954	18	23° 21' 0.704"	82° 27' 15.417"
P955	18	23° 21' 0.677"	82° 27' 15.628"	P956	18	23° 21' 0.654"	82° 27' 15.817"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P797	14	23° 22' 44.490"	82° 30' 51.605"	P798	14	23° 22' 44.456"	82° 30' 51.391"
P799	14	23° 22' 44.369"	82° 30' 51.027"	P800	14	23° 22' 44.343"	82° 30' 50.839"
P801	14	23° 22' 44.300"	82° 30' 50.404"	P802	14	23° 22' 44.261"	82° 30' 50.099"
P803	14	23° 22' 44.195"	82° 30' 49.624"	P804	14	23° 22' 44.156"	82° 30' 49.394"
P805	14	23° 22' 44.111"	82° 30' 49.126"	P806	14	23° 22' 44.064"	82° 30' 48.801"
P807	14	23° 22' 44.011"	82° 30' 48.470"	P808	14	23° 22' 43.986"	82° 30' 48.317"
P809	14	23° 22' 43.930"	82° 30' 47.944"	P810	14	23° 22' 43.860"	82° 30' 47.433"
P811	14	23° 22' 43.829"	82° 30' 47.180"	P812	14	23° 22' 43.790"	82° 30' 46.911"
P813	14	23° 22' 43.770"	82° 30' 46.547"	P814	14	23° 22' 43.767"	82° 30' 46.501"
P815	14	23° 22' 43.760"	82° 30' 46.360"	P816	14	23° 22' 43.754"	82° 30' 46.160"
P817	15	23° 20' 52.830"	82° 29' 0.939"	P818	15	23° 20' 52.859"	82° 29' 1.051"
P819	15	23° 20' 52.929"	82° 29' 1.256"	P820	15	23° 20' 52.997"	82° 29' 1.424"
P821	15	23° 20' 53.065"	82° 29' 1.570"	P822	15	23° 20' 53.138"	82° 29' 1.717"
P823	15	23° 20' 53.230"	82° 29' 1.862"	P824	15	23° 20' 53.293"	82° 29' 1.958"
P825	15	23° 20' 53.421"	82° 29' 2.123"	P826	15	23° 20' 53.470"	82° 29' 2.182"
P827	15	23° 20' 53.567"	82° 29' 2.289"	P828	15	23° 20' 53.693"	82° 29' 2.413"
P829	15	23° 20' 53.809"	82° 29' 2.518"	P830	15	23° 20' 53.971"	82° 29' 2.658"
P831	15	23° 20' 54.269"	82° 29' 2.914"	P832	15	23° 20' 54.732"	82° 29' 3.292"
P833	15	23° 20' 54.986"	82° 29' 3.515"	P834	15	23° 20' 55.263"	82° 29' 3.777"
P835	15	23° 20' 55.359"	82° 29' 3.880"	P836	16	23° 20' 44.600"	82° 28' 2.272"
P837	16	23° 20' 44.414"	82° 28' 2.252"	P838	16	23° 20' 44.208"	82° 28' 2.209"
P839	16	23° 20' 43.744"	82° 28' 2.123"	P840	16	23° 20' 42.895"	82° 28' 2.053"
P841	16	23° 20' 42.187"	82° 28' 2.011"	P842	16	23° 20' 41.460"	82° 28' 2.036"
P843	16	23° 20' 41.105"	82° 28' 2.031"	P844	16	23° 20' 40.565"	82° 28' 1.999"
P845	16	23° 20' 40.363"	82° 28' 1.980"	P846	16	23° 20' 40.174"	82° 28' 1.954"
P847	16	23° 20' 40.123"	82° 28' 1.944"	P848	16	23° 20' 40.066"	82° 28' 1.905"
P849	16	23° 20' 40.016"	82° 28' 1.851"	P850	16	23° 20' 39.951"	82° 28' 1.805"
P851	16	23° 20' 39.896"	82° 28' 1.790"	P852	16	23° 20' 39.750"	82° 28' 1.772"
P853	16	23° 20' 39.700"	82° 28' 1.801"	P854	16	23° 20' 39.582"	82° 28' 2.066"
P855	16	23° 20' 39.404"	82° 28' 2.617"	P856	16	23° 20' 39.243"	82° 28' 3.057"
P857	16	23° 20' 39.105"	82° 28' 3.431"	P858	16	23° 20' 38.982"	82° 28' 3.672"
P859	16	23° 20' 38.832"	82° 28' 3.912"	P860	16	23° 20' 38.615"	82° 28' 4.221"
P861	16	23° 20' 38.364"	82° 28' 4.554"	P862	16	23° 20' 37.866"	82° 28' 5.143"
P863	16	23° 20' 37.578"	82° 28' 5.521"	P864	16	23° 20' 37.383"	82° 28' 5.836"
P865	16	23° 20' 37.252"	82° 28' 6.076"	P866	16	23° 20' 37.178"	82° 28' 6.226"
P867	16	23° 20' 37.089"	82° 28' 6.460"	P868	16	23° 20' 37.031"	82° 28' 6.640"
P869	16	23° 20' 36.942"	82° 28' 6.966"	P870	16	23° 20' 36.900"	82° 28' 7.192"
P871	16	23° 20' 36.882"	82° 28' 7.341"	P872	16	23° 20' 36.875"	82° 28' 7.459"
P873	16	23° 20' 36.881"	82° 28' 7.621"	P874	16	23° 20' 36.903"	82° 28' 8.054"
P875	16	23° 20' 36.955"	82° 28' 8.529"	P876	16	23° 20' 37.008"	82° 28' 8.859"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P717	14	23° 22' 42.579"	82° 31' 13.508"	P718	14	23° 22' 42.663"	82° 31' 13.334"
P719	14	23° 22' 42.787"	82° 31' 13.100"	P720	14	23° 22' 42.865"	82° 31' 12.952"
P721	14	23° 22' 42.974"	82° 31' 12.739"	P722	14	23° 22' 43.109"	82° 31' 12.460"
P723	14	23° 22' 43.244"	82° 31' 12.198"	P724	14	23° 22' 43.403"	82° 31' 11.862"
P725	14	23° 22' 43.573"	82° 31' 11.507"	P726	14	23° 22' 43.720"	82° 31' 11.190"
P727	14	23° 22' 43.838"	82° 31' 10.923"	P728	14	23° 22' 43.881"	82° 31' 10.825"
P729	14	23° 22' 44.055"	82° 31' 10.450"	P730	14	23° 22' 44.113"	82° 31' 10.326"
P731	14	23° 22' 44.134"	82° 31' 10.267"	P732	14	23° 22' 44.170"	82° 31' 10.149"
P733	14	23° 22' 44.197"	82° 31' 10.057"	P734	14	23° 22' 44.250"	82° 31' 9.884"
P735	14	23° 22' 44.294"	82° 31' 9.705"	P736	14	23° 22' 44.323"	82° 31' 9.555"
P737	14	23° 22' 44.403"	82° 31' 9.094"	P738	14	23° 22' 44.415"	82° 31' 8.988"
P739	14	23° 22' 44.429"	82° 31' 8.830"	P740	14	23° 22' 44.443"	82° 31' 8.571"
P741	14	23° 22' 44.457"	82° 31' 8.354"	P742	14	23° 22' 44.484"	82° 31' 7.901"
P743	14	23° 22' 44.490"	82° 31' 7.651"	P744	14	23° 22' 44.500"	82° 31' 7.334"
P745	14	23° 22' 44.521"	82° 31' 7.038"	P746	14	23° 22' 44.536"	82° 31' 6.676"
P747	14	23° 22' 44.547"	82° 31' 6.356"	P748	14	23° 22' 44.557"	82° 31' 6.045"
P749	14	23° 22' 44.566"	82° 31' 5.747"	P750	14	23° 22' 44.585"	82° 31' 5.425"
P751	14	23° 22' 44.587"	82° 31' 5.081"	P752	14	23° 22' 44.593"	82° 31' 4.873"
P753	14	23° 22' 44.623"	82° 31' 4.371"	P754	14	23° 22' 44.629"	82° 31' 4.240"
P755	14	23° 22' 44.632"	82° 31' 4.088"	P756	14	23° 22' 44.651"	82° 31' 3.802"
P757	14	23° 22' 44.667"	82° 31' 3.474"	P758	14	23° 22' 44.679"	82° 31' 3.191"
P759	14	23° 22' 44.689"	82° 31' 2.979"	P760	14	23° 22' 44.703"	82° 31' 2.840"
P761	14	23° 22' 44.726"	82° 31' 2.541"	P762	14	23° 22' 44.740"	82° 31' 2.169"
P763	14	23° 22' 44.750"	82° 31' 1.820"	P764	14	23° 22' 44.774"	82° 31' 1.446"
P765	14	23° 22' 44.786"	82° 31' 1.183"	P766	14	23° 22' 44.809"	82° 31' 0.900"
P767	14	23° 22' 44.827"	82° 31' 0.620"	P768	14	23° 22' 44.853"	82° 31' 0.274"
P769	14	23° 22' 44.870"	82° 30' 59.939"	P770	14	23° 22' 44.890"	82° 30' 59.562"
P771	14	23° 22' 44.915"	82° 30' 59.231"	P772	14	23° 22' 44.924"	82° 30' 59.013"
P773	14	23° 22' 44.933"	82° 30' 58.744"	P774	14	23° 22' 44.946"	82° 30' 58.299"
P775	14	23° 22' 44.961"	82° 30' 57.908"	P776	14	23° 22' 44.976"	82° 30' 57.530"
P777	14	23° 22' 44.999"	82° 30' 57.055"	P778	14	23° 22' 45.013"	82° 30' 56.702"
P779	14	23° 22' 45.024"	82° 30' 56.473"	P780	14	23° 22' 45.033"	82° 30' 56.268"
P781	14	23° 22' 45.036"	82° 30' 56.003"	P782	14	23° 22' 45.039"	82° 30' 55.682"
P783	14	23° 22' 45.035"	82° 30' 55.373"	P784	14	23° 22' 45.028"	82° 30' 55.273"
P785	14	23° 22' 45.008"	82° 30' 55.162"	P786	14	23° 22' 44.994"	82° 30' 55.012"
P787	14	23° 22' 44.921"	82° 30' 54.515"	P788	14	23° 22' 44.882"	82° 30' 54.282"
P789	14	23° 22' 44.845"	82° 30' 53.998"	P790	14	23° 22' 44.797"	82° 30' 53.680"
P791	14	23° 22' 44.753"	82° 30' 53.390"	P792	14	23° 22' 44.699"	82° 30' 53.079"
P793	14	23° 22' 44.652"	82° 30' 52.787"	P794	14	23° 22' 44.583"	82° 30' 52.358"
P795	14	23° 22' 44.556"	82° 30' 52.150"	P796	14	23° 22' 44.527"	82° 30' 51.900"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P637	13	23° 27' 9.919"	82° 28' 57.892"	P638	13	23° 27' 9.998"	82° 28' 57.883"
P639	13	23° 27' 10.041"	82° 28' 57.892"	P640	13	23° 27' 10.068"	82° 28' 57.901"
P641	13	23° 27' 10.099"	82° 28' 57.920"	P642	13	23° 27' 10.114"	82° 28' 57.940"
P643	13	23° 27' 10.131"	82° 28' 57.959"	P644	13	23° 27' 10.133"	82° 28' 57.961"
P645	13	23° 27' 10.136"	82° 28' 57.978"	P646	13	23° 27' 10.136"	82° 28' 58.041"
P647	13	23° 27' 10.131"	82° 28' 58.464"	P648	13	23° 27' 10.129"	82° 28' 58.635"
P649	13	23° 27' 10.129"	82° 28' 58.852"	P650	13	23° 27' 10.126"	82° 28' 58.964"
P651	13	23° 27' 10.118"	82° 28' 59.225"	P652	13	23° 27' 10.118"	82° 28' 59.339"
P653	13	23° 27' 10.112"	82° 28' 59.479"	P654	13	23° 27' 10.109"	82° 28' 59.643"
P655	13	23° 27' 10.109"	82° 28' 59.912"	P656	13	23° 27' 10.104"	82° 29' 0.109"
P657	13	23° 27' 10.099"	82° 29' 0.229"	P658	13	23° 27' 10.094"	82° 29' 0.493"
P659	13	23° 27' 10.087"	82° 29' 0.706"	P660	13	23° 27' 10.080"	82° 29' 0.965"
P661	13	23° 27' 10.075"	82° 29' 1.229"	P662	13	23° 27' 10.072"	82° 29' 1.409"
P663	13	23° 27' 10.069"	82° 29' 1.613"	P664	13	23° 27' 10.065"	82° 29' 1.780"
P665	13	23° 27' 10.059"	82° 29' 1.989"	P666	13	23° 27' 10.060"	82° 29' 2.175"
P667	13	23° 27' 10.057"	82° 29' 2.315"	P668	14	23° 22' 40.908"	82° 31' 23.443"
P669	14	23° 22' 40.985"	82° 31' 23.346"	P670	14	23° 22' 41.050"	82° 31' 23.257"
P671	14	23° 22' 41.095"	82° 31' 23.176"	P672	14	23° 22' 41.151"	82° 31' 23.067"
P673	14	23° 22' 41.185"	82° 31' 23.003"	P674	14	23° 22' 41.216"	82° 31' 22.939"
P675	14	23° 22' 41.233"	82° 31' 22.876"	P676	14	23° 22' 41.242"	82° 31' 22.815"
P677	14	23° 22' 41.257"	82° 31' 22.740"	P678	14	23° 22' 41.260"	82° 31' 22.713"
P679	14	23° 22' 41.266"	82° 31' 22.596"	P680	14	23° 22' 41.263"	82° 31' 22.399"
P681	14	23° 22' 41.253"	82° 31' 22.232"	P682	14	23° 22' 41.233"	82° 31' 21.916"
P683	14	23° 22' 41.213"	82° 31' 21.663"	P684	14	23° 22' 41.191"	82° 31' 21.375"
P685	14	23° 22' 41.168"	82° 31' 21.042"	P686	14	23° 22' 41.138"	82° 31' 20.678"
P687	14	23° 22' 41.129"	82° 31' 20.500"	P688	14	23° 22' 41.090"	82° 31' 20.072"
P689	14	23° 22' 41.078"	82° 31' 19.872"	P690	14	23° 22' 41.062"	82° 31' 19.634"
P691	14	23° 22' 41.047"	82° 31' 19.392"	P692	14	23° 22' 41.035"	82° 31' 19.225"
P693	14	23° 22' 41.016"	82° 31' 18.883"	P694	14	23° 22' 41.006"	82° 31' 18.470"
P695	14	23° 22' 40.979"	82° 31' 18.011"	P696	14	23° 22' 40.967"	82° 31' 17.687"
P697	14	23° 22' 40.968"	82° 31' 17.594"	P698	14	23° 22' 40.976"	82° 31' 17.440"
P699	14	23° 22' 40.994"	82° 31' 17.283"	P700	14	23° 22' 41.011"	82° 31' 17.147"
P701	14	23° 22' 41.032"	82° 31' 16.994"	P702	14	23° 22' 41.051"	82° 31' 16.881"
P703	14	23° 22' 41.072"	82° 31' 16.762"	P704	14	23° 22' 41.093"	82° 31' 16.664"
P705	14	23° 22' 41.127"	82° 31' 16.502"	P706	14	23° 22' 41.160"	82° 31' 16.402"
P707	14	23° 22' 41.204"	82° 31' 16.293"	P708	14	23° 22' 41.285"	82° 31' 16.101"
P709	14	23° 22' 41.347"	82° 31' 15.973"	P710	14	23° 22' 41.427"	82° 31' 15.826"
P711	14	23° 22' 41.509"	82° 31' 15.669"	P712	14	23° 22' 41.661"	82° 31' 15.384"
P713	14	23° 22' 41.820"	82° 31' 15.074"	P714	14	23° 22' 42.077"	82° 31' 14.533"
P715	14	23° 22' 42.226"	82° 31' 14.226"	P716	14	23° 22' 42.442"	82° 31' 13.785"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P557	12	23° 29' 13.625"	82° 28' 23.993"	P558	12	23° 29' 13.810"	82° 28' 23.744"
P559	12	23° 29' 13.883"	82° 28' 23.608"	P560	12	23° 29' 13.926"	82° 28' 23.514"
P561	13	23° 26' 58.047"	82° 28' 38.811"	P562	13	23° 26' 58.139"	82° 28' 38.886"
P563	13	23° 26' 58.317"	82° 28' 39.035"	P564	13	23° 26' 58.413"	82° 28' 39.132"
P565	13	23° 26' 58.475"	82° 28' 39.204"	P566	13	23° 26' 58.554"	82° 28' 39.315"
P567	13	23° 26' 58.648"	82° 28' 39.468"	P568	13	23° 26' 58.825"	82° 28' 39.753"
P569	13	23° 26' 58.958"	82° 28' 39.955"	P570	13	23° 26' 59.099"	82° 28' 40.170"
P571	13	23° 26' 59.263"	82° 28' 40.389"	P572	13	23° 26' 59.408"	82° 28' 40.572"
P573	13	23° 26' 59.552"	82° 28' 40.728"	P574	13	23° 26' 59.723"	82° 28' 40.908"
P575	13	23° 26' 59.952"	82° 28' 41.138"	P576	13	23° 27' 0.147"	82° 28' 41.332"
P577	13	23° 27' 0.752"	82° 28' 41.965"	P578	13	23° 27' 1.180"	82° 28' 42.446"
P579	13	23° 27' 1.318"	82° 28' 42.622"	P580	13	23° 27' 1.418"	82° 28' 42.773"
P581	13	23° 27' 1.482"	82° 28' 42.866"	P582	13	23° 27' 1.601"	82° 28' 43.075"
P583	13	23° 27' 1.734"	82° 28' 43.338"	P584	13	23° 27' 1.846"	82° 28' 43.580"
P585	13	23° 27' 1.956"	82° 28' 43.879"	P586	13	23° 27' 2.039"	82° 28' 44.135"
P587	13	23° 27' 2.140"	82° 28' 44.496"	P588	13	23° 27' 2.261"	82° 28' 45.063"
P589	13	23° 27' 2.387"	82° 28' 45.645"	P590	13	23° 27' 2.448"	82° 28' 45.899"
P591	13	23° 27' 2.600"	82° 28' 46.431"	P592	13	23° 27' 2.689"	82° 28' 46.704"
P593	13	23° 27' 2.797"	82° 28' 47.045"	P594	13	23° 27' 2.871"	82° 28' 47.245"
P595	13	23° 27' 3.128"	82° 28' 48.010"	P596	13	23° 27' 3.424"	82° 28' 48.889"
P597	13	23° 27' 3.691"	82° 28' 49.797"	P598	13	23° 27' 3.749"	82° 28' 50.002"
P599	13	23° 27' 3.881"	82° 28' 50.384"	P600	13	23° 27' 3.981"	82° 28' 50.818"
P601	13	23° 27' 4.018"	82° 28' 51.012"	P602	13	23° 27' 4.090"	82° 28' 51.512"
P603	13	23° 27' 4.125"	82° 28' 51.741"	P604	13	23° 27' 4.202"	82° 28' 52.233"
P605	13	23° 27' 4.252"	82° 28' 52.520"	P606	13	23° 27' 4.423"	82° 28' 53.173"
P607	13	23° 27' 4.494"	82° 28' 53.432"	P608	13	23° 27' 4.641"	82° 28' 53.873"
P609	13	23° 27' 4.811"	82° 28' 54.385"	P610	13	23° 27' 4.935"	82° 28' 54.729"
P611	13	23° 27' 5.208"	82° 28' 55.419"	P612	13	23° 27' 5.288"	82° 28' 55.727"
P613	13	23° 27' 5.548"	82° 28' 56.396"	P614	13	23° 27' 5.977"	82° 28' 57.334"
P615	13	23° 27' 6.099"	82° 28' 57.728"	P616	13	23° 27' 6.190"	82° 28' 57.917"
P617	13	23° 27' 6.372"	82° 28' 58.277"	P618	13	23° 27' 6.386"	82° 28' 58.370"
P619	13	23° 27' 6.386"	82° 28' 58.428"	P620	13	23° 27' 6.368"	82° 28' 58.494"
P621	13	23° 27' 6.330"	82° 28' 58.587"	P622	13	23° 27' 6.376"	82° 28' 58.764"
P623	13	23° 27' 6.416"	82° 28' 58.815"	P624	13	23° 27' 6.587"	82° 28' 58.871"
P625	13	23° 27' 6.747"	82° 28' 58.897"	P626	13	23° 27' 6.893"	82° 28' 58.903"
P627	13	23° 27' 7.074"	82° 28' 58.903"	P628	13	23° 27' 7.264"	82° 28' 58.883"
P629	13	23° 27' 7.379"	82° 28' 58.864"	P630	13	23° 27' 7.544"	82° 28' 58.821"
P631	13	23° 27' 7.705"	82° 28' 58.778"	P632	13	23° 27' 7.922"	82° 28' 58.708"
P633	13	23° 27' 8.122"	82° 28' 58.634"	P634	13	23° 27' 8.878"	82° 28' 58.313"
P635	13	23° 27' 9.629"	82° 28' 58.002"	P636	13	23° 27' 9.846"	82° 28' 57.912"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P477	11	23° 27' 27.829"	82° 26' 33.433"	P478	11	23° 27' 27.586"	82° 26' 33.281"
P479	11	23° 27' 27.123"	82° 26' 33.029"	P480	11	23° 27' 26.358"	82° 26' 32.611"
P481	11	23° 27' 26.145"	82° 26' 32.489"	P482	11	23° 27' 25.095"	82° 26' 31.861"
P483	11	23° 27' 24.218"	82° 26' 31.336"	P484	11	23° 27' 23.749"	82° 26' 31.076"
P485	11	23° 27' 23.319"	82° 26' 30.836"	P486	11	23° 27' 23.152"	82° 26' 30.735"
P487	11	23° 27' 23.010"	82° 26' 30.643"	P488	11	23° 27' 22.945"	82° 26' 30.611"
P489	11	23° 27' 22.904"	82° 26' 30.597"	P490	11	23° 27' 22.703"	82° 26' 30.528"
P491	11	23° 27' 22.526"	82° 26' 30.432"	P492	11	23° 27' 22.323"	82° 26' 30.116"
P493	11	23° 27' 22.067"	82° 26' 29.742"	P494	11	23° 27' 21.800"	82° 26' 29.373"
P495	11	23° 27' 21.398"	82° 26' 28.830"	P496	11	23° 27' 20.998"	82° 26' 28.300"
P497	11	23° 27' 20.631"	82° 26' 27.855"	P498	11	23° 27' 20.356"	82° 26' 27.566"
P499	11	23° 27' 19.727"	82° 26' 26.959"	P500	11	23° 27' 19.521"	82° 26' 26.757"
P501	11	23° 27' 19.287"	82° 26' 26.545"	P502	11	23° 27' 19.149"	82° 26' 26.389"
P503	11	23° 27' 19.012"	82° 26' 26.227"	P504	11	23° 27' 18.890"	82° 26' 26.056"
P505	11	23° 27' 18.755"	82° 26' 25.843"	P506	11	23° 27' 18.559"	82° 26' 25.495"
P507	11	23° 27' 18.333"	82° 26' 25.045"	P508	11	23° 27' 17.868"	82° 26' 24.095"
P509	11	23° 27' 17.408"	82° 26' 23.176"	P510	11	23° 27' 16.933"	82° 26' 22.178"
P511	11	23° 27' 16.590"	82° 26' 21.414"	P512	11	23° 27' 16.289"	82° 26' 20.738"
P513	11	23° 27' 16.104"	82° 26' 20.325"	P514	11	23° 27' 15.848"	82° 26' 19.643"
P515	11	23° 27' 15.704"	82° 26' 19.171"	P516	11	23° 27' 15.548"	82° 26' 18.576"
P517	11	23° 27' 15.445"	82° 26' 18.065"	P518	11	23° 27' 15.386"	82° 26' 17.669"
P519	11	23° 27' 15.373"	82° 26' 17.386"	P520	11	23° 27' 15.379"	82° 26' 17.066"
P521	11	23° 27' 15.394"	82° 26' 16.914"	P522	11	23° 27' 15.437"	82° 26' 16.609"
P523	11	23° 27' 15.515"	82° 26' 16.174"	P524	11	23° 27' 15.630"	82° 26' 15.686"
P525	11	23° 27' 15.737"	82° 26' 15.095"	P526	11	23° 27' 15.818"	82° 26' 14.592"
P527	11	23° 27' 15.836"	82° 26' 14.445"	P528	12	23° 29' 11.200"	82° 28' 28.066"
P529	12	23° 29' 11.215"	82° 28' 28.040"	P530	12	23° 29' 11.328"	82° 28' 27.852"
P531	12	23° 29' 11.456"	82° 28' 27.643"	P532	12	23° 29' 11.537"	82° 28' 27.522"
P533	12	23° 29' 11.625"	82° 28' 27.372"	P534	12	23° 29' 11.677"	82° 28' 27.257"
P535	12	23° 29' 11.790"	82° 28' 26.967"	P536	12	23° 29' 11.881"	82° 28' 26.764"
P537	12	23° 29' 11.942"	82° 28' 26.641"	P538	12	23° 29' 11.985"	82° 28' 26.568"
P539	12	23° 29' 12.004"	82° 28' 26.538"	P540	12	23° 29' 12.038"	82° 28' 26.499"
P541	12	23° 29' 12.099"	82° 28' 26.438"	P542	12	23° 29' 12.451"	82° 28' 26.114"
P543	12	23° 29' 12.687"	82° 28' 25.888"	P544	12	23° 29' 12.821"	82° 28' 25.745"
P545	12	23° 29' 12.940"	82° 28' 25.594"	P546	12	23° 29' 13.026"	82° 28' 25.477"
P547	12	23° 29' 13.088"	82° 28' 25.380"	P548	12	23° 29' 13.130"	82° 28' 25.287"
P549	12	23° 29' 13.175"	82° 28' 25.163"	P550	12	23° 29' 13.201"	82° 28' 25.073"
P551	12	23° 29' 13.246"	82° 28' 24.893"	P552	12	23° 29' 13.298"	82° 28' 24.646"
P553	12	23° 29' 13.335"	82° 28' 24.494"	P554	12	23° 29' 13.383"	82° 28' 24.378"
P555	12	23° 29' 13.418"	82° 28' 24.306"	P556	12	23° 29' 13.469"	82° 28' 24.220"

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Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P397	10	23° 23' 1.647"	82° 31' 34.004"	P398	10	23° 23' 1.420"	82° 31' 33.873"
P399	10	23° 23' 1.208"	82° 31' 33.767"	P400	10	23° 23' 1.057"	82° 31' 33.701"
P401	10	23° 23' 0.863"	82° 31' 33.647"	P402	10	23° 23' 0.651"	82° 31' 33.599"
P403	10	23° 23' 0.540"	82° 31' 33.580"	P404	10	23° 22' 59.955"	82° 31' 33.499"
P405	10	23° 22' 59.024"	82° 31' 33.380"	P406	10	23° 22' 58.891"	82° 31' 33.412"
P407	10	23° 22' 58.492"	82° 31' 33.349"	P408	10	23° 22' 58.396"	82° 31' 33.309"
P409	10	23° 22' 58.005"	82° 31' 33.272"	P410	10	23° 22' 57.307"	82° 31' 33.227"
P411	10	23° 22' 56.227"	82° 31' 33.153"	P412	10	23° 22' 55.794"	82° 31' 33.130"
P413	10	23° 22' 54.235"	82° 31' 33.031"	P414	10	23° 22' 51.416"	82° 31' 32.941"
P415	10	23° 22' 50.490"	82° 31' 32.926"	P416	10	23° 22' 50.468"	82° 31' 32.929"
P417	10	23° 22' 50.447"	82° 31' 32.940"	P418	10	23° 22' 50.431"	82° 31' 32.962"
P419	10	23° 22' 50.400"	82° 31' 32.992"	P420	10	23° 22' 50.208"	82° 31' 33.003"
P421	10	23° 22' 50.161"	82° 31' 32.981"	P422	10	23° 22' 50.093"	82° 31' 32.929"
P423	10	23° 22' 50.025"	82° 31' 32.896"	P424	10	23° 22' 50.024"	82° 31' 32.896"
P425	10	23° 22' 49.576"	82° 31' 32.911"	P426	10	23° 22' 48.653"	82° 31' 32.901"
P427	10	23° 22' 47.737"	82° 31' 32.886"	P428	10	23° 22' 47.689"	82° 31' 32.897"
P429	11	23° 27' 38.171"	82° 26' 46.415"	P430	11	23° 27' 38.156"	82° 26' 46.413"
P431	11	23° 27' 38.134"	82° 26' 46.414"	P432	11	23° 27' 38.086"	82° 26' 46.428"
P433	11	23° 27' 37.817"	82° 26' 46.274"	P434	11	23° 27' 37.862"	82° 26' 46.119"
P435	11	23° 27' 38.057"	82° 26' 45.666"	P436	11	23° 27' 38.104"	82° 26' 45.552"
P437	11	23° 27' 38.487"	82° 26' 44.742"	P438	11	23° 27' 38.580"	82° 26' 44.553"
P439	11	23° 27' 38.673"	82° 26' 44.339"	P440	11	23° 27' 38.752"	82° 26' 44.163"
P441	11	23° 27' 38.812"	82° 26' 43.997"	P442	11	23° 27' 38.865"	82° 26' 43.815"
P443	11	23° 27' 38.892"	82° 26' 43.636"	P444	11	23° 27' 38.897"	82° 26' 43.483"
P445	11	23° 27' 38.899"	82° 26' 43.270"	P446	11	23° 27' 38.886"	82° 26' 42.937"
P447	11	23° 27' 38.854"	82° 26' 42.559"	P448	11	23° 27' 38.806"	82° 26' 42.234"
P449	11	23° 27' 38.738"	82° 26' 41.880"	P450	11	23° 27' 38.683"	82° 26' 41.609"
P451	11	23° 27' 38.594"	82° 26' 41.284"	P452	11	23° 27' 38.480"	82° 26' 40.968"
P453	11	23° 27' 38.426"	82° 26' 40.846"	P454	11	23° 27' 38.336"	82° 26' 40.673"
P455	11	23° 27' 38.224"	82° 26' 40.487"	P456	11	23° 27' 37.851"	82° 26' 39.956"
P457	11	23° 27' 37.566"	82° 26' 39.568"	P458	11	23° 27' 37.397"	82° 26' 39.344"
P459	11	23° 27' 37.255"	82° 26' 39.161"	P460	11	23° 27' 37.150"	82° 26' 39.055"
P461	11	23° 27' 36.980"	82° 26' 38.910"	P462	11	23° 27' 36.697"	82° 26' 38.686"
P463	11	23° 27' 36.470"	82° 26' 38.520"	P464	11	23° 27' 36.210"	82° 26' 38.337"
P465	11	23° 27' 35.871"	82° 26' 38.111"	P466	11	23° 27' 35.107"	82° 26' 37.669"
P467	11	23° 27' 34.600"	82° 26' 37.383"	P468	11	23° 27' 33.994"	82° 26' 37.014"
P469	11	23° 27' 33.651"	82° 26' 36.824"	P470	11	23° 27' 32.630"	82° 26' 36.220"
P471	11	23° 27' 31.614"	82° 26' 35.619"	P472	11	23° 27' 30.819"	82° 26' 35.149"
P473	11	23° 27' 30.224"	82° 26' 34.805"	P474	11	23° 27' 29.243"	82° 26' 34.253"
P475	11	23° 27' 28.609"	82° 26' 33.893"	P476	11	23° 27' 28.176"	82° 26' 33.639"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P317	10	23° 23' 48.257"	82° 31' 37.988"	P318	10	23° 23' 47.806"	82° 31' 38.247"
P319	10	23° 23' 47.488"	82° 31' 38.430"	P320	10	23° 23' 47.218"	82° 31' 38.681"
P321	10	23° 23' 47.027"	82° 31' 38.778"	P322	10	23° 23' 46.843"	82° 31' 38.800"
P323	10	23° 23' 45.298"	82° 31' 39.680"	P324	10	23° 23' 44.328"	82° 31' 40.230"
P325	10	23° 23' 43.365"	82° 31' 40.763"	P326	10	23° 23' 42.253"	82° 31' 41.370"
P327	10	23° 23' 41.003"	82° 31' 42.057"	P328	10	23° 23' 40.768"	82° 31' 42.178"
P329	10	23° 23' 40.178"	82° 31' 42.479"	P330	10	23° 23' 39.822"	82° 31' 42.638"
P331	10	23° 23' 39.585"	82° 31' 42.728"	P332	10	23° 23' 39.359"	82° 31' 42.809"
P333	10	23° 23' 39.056"	82° 31' 42.892"	P334	10	23° 23' 38.827"	82° 31' 42.951"
P335	10	23° 23' 38.539"	82° 31' 43.016"	P336	10	23° 23' 38.326"	82° 31' 43.060"
P337	10	23° 23' 37.680"	82° 31' 43.145"	P338	10	23° 23' 37.056"	82° 31' 43.219"
P339	10	23° 23' 36.189"	82° 31' 43.314"	P340	10	23° 23' 34.586"	82° 31' 43.465"
P341	10	23° 23' 34.505"	82° 31' 43.517"	P342	10	23° 23' 34.379"	82° 31' 43.589"
P343	10	23° 23' 34.049"	82° 31' 43.597"	P344	10	23° 23' 33.973"	82° 31' 43.571"
P345	10	23° 23' 33.905"	82° 31' 43.537"	P346	10	23° 23' 33.841"	82° 31' 43.517"
P347	10	23° 23' 33.772"	82° 31' 43.516"	P348	10	23° 23' 33.303"	82° 31' 43.593"
P349	10	23° 23' 32.097"	82° 31' 43.656"	P350	10	23° 23' 31.251"	82° 31' 43.664"
P351	10	23° 23' 29.898"	82° 31' 43.627"	P352	10	23° 23' 28.774"	82° 31' 43.540"
P353	10	23° 23' 28.663"	82° 31' 43.543"	P354	10	23° 23' 28.593"	82° 31' 43.568"
P355	10	23° 23' 28.546"	82° 31' 43.593"	P356	10	23° 23' 28.347"	82° 31' 43.599"
P357	10	23° 23' 28.265"	82° 31' 43.566"	P358	10	23° 23' 28.140"	82° 31' 43.514"
P359	10	23° 23' 28.042"	82° 31' 43.498"	P360	10	23° 23' 27.339"	82° 31' 43.477"
P361	10	23° 23' 26.214"	82° 31' 43.398"	P362	10	23° 23' 24.218"	82° 31' 43.283"
P363	10	23° 23' 23.113"	82° 31' 43.244"	P364	10	23° 23' 21.892"	82° 31' 43.183"
P365	10	23° 23' 21.127"	82° 31' 43.162"	P366	10	23° 23' 20.511"	82° 31' 43.134"
P367	10	23° 23' 20.191"	82° 31' 43.108"	P368	10	23° 23' 19.643"	82° 31' 43.025"
P369	10	23° 23' 19.114"	82° 31' 42.865"	P370	10	23° 23' 18.296"	82° 31' 42.693"
P371	10	23° 23' 17.468"	82° 31' 42.503"	P372	10	23° 23' 17.061"	82° 31' 42.381"
P373	10	23° 23' 16.583"	82° 31' 42.224"	P374	10	23° 23' 16.250"	82° 31' 42.135"
P375	10	23° 23' 16.055"	82° 31' 42.058"	P376	10	23° 23' 15.383"	82° 31' 41.781"
P377	10	23° 23' 14.224"	82° 31' 41.343"	P378	10	23° 23' 13.644"	82° 31' 41.110"
P379	10	23° 23' 13.177"	82° 31' 40.915"	P380	10	23° 23' 12.672"	82° 31' 40.701"
P381	10	23° 23' 12.111"	82° 31' 40.466"	P382	10	23° 23' 11.615"	82° 31' 40.255"
P383	10	23° 23' 11.091"	82° 31' 40.015"	P384	10	23° 23' 10.067"	82° 31' 39.530"
P385	10	23° 23' 9.861"	82° 31' 39.427"	P386	10	23° 23' 8.970"	82° 31' 38.931"
P387	10	23° 23' 8.556"	82° 31' 38.657"	P388	10	23° 23' 8.335"	82° 31' 38.494"
P389	10	23° 23' 7.656"	82° 31' 38.012"	P390	10	23° 23' 7.201"	82° 31' 37.699"
P391	10	23° 23' 6.502"	82° 31' 37.225"	P392	10	23° 23' 5.853"	82° 31' 36.796"
P393	10	23° 23' 4.331"	82° 31' 35.784"	P394	10	23° 23' 3.904"	82° 31' 35.504"
P395	10	23° 23' 2.790"	82° 31' 34.767"	P396	10	23° 23' 2.133"	82° 31' 34.320"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P237	7	23° 25' 4.927"	82° 33' 12.193"	P238	7	23° 25' 5.950"	82° 33' 11.733"
P239	7	23° 25' 7.219"	82° 33' 11.288"	P240	7	23° 25' 7.614"	82° 33' 11.180"
P241	7	23° 25' 7.779"	82° 33' 11.153"	P242	7	23° 25' 8.305"	82° 33' 11.081"
P243	7	23° 25' 8.867"	82° 33' 10.988"	P244	7	23° 25' 9.597"	82° 33' 10.829"
P245	7	23° 25' 10.123"	82° 33' 10.683"	P246	7	23° 25' 10.621"	82° 33' 10.512"
P247	7	23° 25' 10.866"	82° 33' 10.404"	P248	7	23° 25' 11.678"	82° 33' 10.029"
P249	7	23° 25' 11.835"	82° 33' 9.957"	P250	8	23° 23' 54.772"	82° 34' 43.773"
P251	8	23° 23' 54.792"	82° 34' 43.543"	P252	8	23° 23' 54.785"	82° 34' 42.911"
P253	8	23° 23' 54.843"	82° 34' 42.465"	P254	8	23° 23' 55.193"	82° 34' 40.916"
P255	8	23° 23' 55.356"	82° 34' 40.429"	P256	8	23° 23' 55.789"	82° 34' 39.369"
P257	8	23° 23' 56.077"	82° 34' 38.484"	P258	8	23° 23' 56.328"	82° 34' 37.981"
P259	8	23° 23' 56.768"	82° 34' 37.089"	P260	8	23° 23' 57.229"	82° 34' 35.906"
P261	8	23° 23' 57.951"	82° 34' 34.193"	P262	8	23° 23' 58.177"	82° 34' 33.726"
P263	8	23° 23' 58.276"	82° 34' 33.486"	P264	8	23° 23' 58.322"	82° 34' 33.277"
P265	8	23° 23' 58.427"	82° 34' 32.763"	P266	8	23° 23' 58.465"	82° 34' 32.391"
P267	8	23° 23' 58.473"	82° 34' 32.171"	P268	8	23° 23' 58.451"	82° 34' 31.910"
P269	8	23° 23' 58.427"	82° 34' 31.803"	P270	8	23° 23' 58.402"	82° 34' 31.708"
P271	8	23° 23' 58.370"	82° 34' 31.606"	P272	8	23° 23' 58.334"	82° 34' 31.489"
P273	8	23° 23' 58.228"	82° 34' 31.070"	P274	8	23° 23' 58.067"	82° 34' 30.504"
P275	8	23° 23' 58.007"	82° 34' 30.280"	P276	8	23° 23' 57.971"	82° 34' 29.982"
P277	8	23° 23' 57.966"	82° 34' 29.814"	P278	8	23° 23' 57.995"	82° 34' 29.452"
P279	8	23° 23' 58.066"	82° 34' 29.041"	P280	8	23° 23' 58.187"	82° 34' 28.535"
P281	8	23° 23' 58.263"	82° 34' 28.291"	P282	9	23° 22' 44.768"	82° 33' 6.447"
P283	9	23° 22' 44.710"	82° 33' 6.502"	P284	9	23° 22' 44.045"	82° 33' 7.097"
P285	9	23° 22' 43.552"	82° 33' 7.544"	P286	9	23° 22' 42.855"	82° 33' 8.169"
P287	9	23° 22' 42.765"	82° 33' 8.250"	P288	9	23° 22' 42.493"	82° 33' 8.461"
P289	9	23° 22' 41.999"	82° 33' 8.799"	P290	9	23° 22' 41.488"	82° 33' 9.125"
P291	9	23° 22' 41.053"	82° 33' 9.406"	P292	9	23° 22' 40.492"	82° 33' 9.815"
P293	9	23° 22' 40.229"	82° 33' 10.060"	P294	9	23° 22' 39.784"	82° 33' 10.501"
P295	9	23° 22' 39.756"	82° 33' 10.529"	P296	9	23° 22' 39.699"	82° 33' 10.565"
P297	9	23° 22' 39.603"	82° 33' 10.619"	P298	9	23° 22' 39.213"	82° 33' 10.774"
P299	9	23° 22' 38.862"	82° 33' 10.830"	P300	9	23° 22' 38.423"	82° 33' 10.906"
P301	9	23° 22' 37.991"	82° 33' 10.965"	P302	9	23° 22' 37.298"	82° 33' 11.115"
P303	9	23° 22' 36.863"	82° 33' 11.216"	P304	9	23° 22' 36.593"	82° 33' 11.295"
P305	9	23° 22' 36.189"	82° 33' 11.464"	P306	9	23° 22' 35.638"	82° 33' 11.795"
P307	9	23° 22' 35.385"	82° 33' 12.011"	P308	9	23° 22' 35.193"	82° 33' 12.130"
P309	9	23° 22' 34.819"	82° 33' 12.335"	P310	9	23° 22' 34.603"	82° 33' 12.471"
P311	10	23° 23' 50.677"	82° 31' 36.504"	P312	10	23° 23' 50.625"	82° 31' 36.542"
P313	10	23° 23' 50.313"	82° 31' 36.755"	P314	10	23° 23' 49.466"	82° 31' 37.289"
P315	10	23° 23' 49.009"	82° 31' 37.555"	P316	10	23° 23' 48.727"	82° 31' 37.719"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P157	5	23° 26' 21.759"	82° 33' 1.423"	P158	5	23° 26' 22.341"	82° 33' 1.408"
P159	5	23° 26' 22.537"	82° 33' 1.392"	P160	5	23° 26' 22.700"	82° 33' 1.394"
P161	5	23° 26' 22.843"	82° 33' 1.407"	P162	5	23° 26' 22.982"	82° 33' 1.445"
P163	5	23° 26' 23.161"	82° 33' 1.493"	P164	5	23° 26' 23.379"	82° 33' 1.547"
P165	5	23° 26' 23.677"	82° 33' 1.557"	P166	5	23° 26' 24.311"	82° 33' 1.614"
P167	5	23° 26' 24.861"	82° 33' 1.603"	P168	5	23° 26' 25.424"	82° 33' 1.556"
P169	5	23° 26' 25.731"	82° 33' 1.468"	P170	5	23° 26' 25.980"	82° 33' 1.374"
P171	6	23° 26' 5.396"	82° 33' 0.139"	P172	6	23° 26' 5.555"	82° 33' 0.142"
P173	6	23° 26' 7.388"	82° 33' 0.192"	P174	6	23° 26' 8.560"	82° 33' 0.269"
P175	6	23° 26' 10.259"	82° 33' 0.374"	P176	6	23° 26' 10.899"	82° 33' 0.475"
P177	6	23° 26' 12.319"	82° 33' 0.751"	P178	6	23° 26' 12.659"	82° 33' 0.817"
P179	7	23° 24' 32.071"	82° 33' 28.130"	P180	7	23° 24' 32.170"	82° 33' 27.965"
P181	7	23° 24' 32.683"	82° 33' 27.103"	P182	7	23° 24' 33.237"	82° 33' 26.312"
P183	7	23° 24' 33.432"	82° 33' 26.046"	P184	7	23° 24' 33.627"	82° 33' 25.860"
P185	7	23° 24' 34.035"	82° 33' 25.640"	P186	7	23° 24' 35.103"	82° 33' 25.013"
P187	7	23° 24' 36.290"	82° 33' 24.395"	P188	7	23° 24' 36.689"	82° 33' 24.240"
P189	7	23° 24' 37.456"	82° 33' 23.825"	P190	7	23° 24' 38.315"	82° 33' 23.271"
P191	7	23° 24' 39.152"	82° 33' 22.545"	P192	7	23° 24' 39.681"	82° 33' 22.196"
P193	7	23° 24' 40.412"	82° 33' 21.806"	P194	7	23° 24' 41.239"	82° 33' 21.456"
P195	7	23° 24' 42.216"	82° 33' 21.094"	P196	7	23° 24' 42.554"	82° 33' 20.971"
P197	7	23° 24' 43.144"	82° 33' 20.713"	P198	7	23° 24' 43.422"	82° 33' 20.617"
P199	7	23° 24' 43.866"	82° 33' 20.376"	P200	7	23° 24' 44.176"	82° 33' 20.139"
P201	7	23° 24' 44.720"	82° 33' 19.708"	P202	7	23° 24' 45.263"	82° 33' 19.143"
P203	7	23° 24' 45.736"	82° 33' 18.598"	P204	7	23° 24' 45.992"	82° 33' 18.329"
P205	7	23° 24' 46.263"	82° 33' 17.955"	P206	7	23° 24' 46.607"	82° 33' 17.326"
P207	7	23° 24' 46.774"	82° 33' 16.997"	P208	7	23° 24' 47.076"	82° 33' 16.643"
P209	7	23° 24' 47.374"	82° 33' 16.358"	P210	7	23° 24' 47.837"	82° 33' 15.913"
P211	7	23° 24' 48.467"	82° 33' 15.207"	P212	7	23° 24' 48.812"	82° 33' 14.844"
P213	7	23° 24' 49.039"	82° 33' 14.651"	P214	7	23° 24' 49.417"	82° 33' 14.419"
P215	7	23° 24' 49.717"	82° 33' 14.322"	P216	7	23° 24' 50.020"	82° 33' 14.253"
P217	7	23° 24' 50.251"	82° 33' 14.235"	P218	7	23° 24' 51.209"	82° 33' 14.200"
P219	7	23° 24' 51.911"	82° 33' 14.183"	P220	7	23° 24' 52.404"	82° 33' 14.221"
P221	7	23° 24' 52.740"	82° 33' 14.270"	P222	7	23° 24' 53.208"	82° 33' 14.390"
P223	7	23° 24' 54.221"	82° 33' 14.733"	P224	7	23° 24' 55.417"	82° 33' 15.023"
P225	7	23° 24' 56.447"	82° 33' 15.260"	P226	7	23° 24' 57.321"	82° 33' 15.332"
P227	7	23° 24' 57.734"	82° 33' 15.305"	P228	7	23° 24' 58.649"	82° 33' 15.180"
P229	7	23° 24' 59.329"	82° 33' 15.012"	P230	7	23° 24' 59.851"	82° 33' 14.780"
P231	7	23° 25' 0.409"	82° 33' 14.472"	P232	7	23° 25' 0.896"	82° 33' 14.157"
P233	7	23° 25' 1.535"	82° 33' 13.781"	P234	7	23° 25' 2.284"	82° 33' 13.402"
P235	7	23° 25' 3.151"	82° 33' 13.039"	P236	7	23° 25' 4.092"	82° 33' 12.586"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P77	1	23° 25' 36.342"	82° 31' 12.808"	P78	1	23° 25' 35.465"	82° 31' 13.000"
P79	2	23° 26' 41.429"	82° 31' 2.156"	P80	2	23° 26' 41.007"	82° 31' 2.187"
P81	2	23° 26' 38.088"	82° 31' 2.430"	P82	2	23° 26' 35.155"	82° 31' 2.735"
P83	2	23° 26' 34.308"	82° 31' 2.853"	P84	2	23° 26' 34.076"	82° 31' 2.898"
P85	3	23° 25' 35.465"	82° 31' 13.000"	P86	3	23° 25' 34.628"	82° 31' 13.182"
P87	3	23° 25' 32.875"	82° 31' 13.577"	P88	3	23° 25' 31.443"	82° 31' 13.891"
P89	3	23° 25' 30.739"	82° 31' 13.999"	P90	3	23° 25' 30.548"	82° 31' 14.018"
P91	3	23° 25' 29.983"	82° 31' 14.058"	P92	3	23° 25' 29.035"	82° 31' 14.050"
P93	3	23° 25' 28.188"	82° 31' 13.986"	P94	3	23° 25' 27.619"	82° 31' 13.933"
P95	3	23° 25' 26.830"	82° 31' 13.847"	P96	3	23° 25' 25.481"	82° 31' 13.600"
P97	3	23° 25' 23.869"	82° 31' 13.111"	P98	3	23° 25' 23.037"	82° 31' 12.842"
P99	3	23° 25' 21.981"	82° 31' 12.501"	P100	4	23° 26' 28.048"	82° 33' 0.011"
P101	4	23° 26' 28.113"	82° 32' 59.944"	P102	4	23° 26' 28.484"	82° 32' 59.622"
P103	4	23° 26' 28.698"	82° 32' 59.496"	P104	4	23° 26' 25.980"	82° 33' 1.374"
P105	4	23° 26' 26.303"	82° 33' 1.252"	P106	4	23° 26' 27.113"	82° 33' 0.835"
P107	4	23° 26' 27.177"	82° 33' 0.809"	P108	4	23° 26' 27.485"	82° 33' 0.571"
P109	4	23° 26' 27.643"	82° 33' 0.421"	P110	4	23° 25' 45.530"	82° 33' 7.388"
P111	4	23° 25' 45.712"	82° 33' 7.224"	P112	4	23° 25' 46.972"	82° 33' 6.138"
P113	4	23° 25' 47.582"	82° 33' 5.673"	P114	4	23° 25' 47.895"	82° 33' 5.450"
P115	4	23° 25' 48.350"	82° 33' 5.163"	P116	4	23° 25' 48.763"	82° 33' 4.921"
P117	4	23° 25' 48.875"	82° 33' 4.872"	P118	4	23° 25' 49.166"	82° 33' 4.784"
P119	4	23° 25' 49.940"	82° 33' 4.479"	P120	4	23° 25' 50.631"	82° 33' 4.244"
P121	4	23° 25' 51.024"	82° 33' 4.090"	P122	4	23° 25' 51.712"	82° 33' 3.807"
P123	4	23° 25' 51.932"	82° 33' 3.690"	P124	4	23° 25' 52.459"	82° 33' 3.380"
P125	4	23° 25' 53.482"	82° 33' 2.876"	P126	4	23° 25' 54.166"	82° 33' 2.569"
P127	4	23° 25' 54.601"	82° 33' 2.415"	P128	4	23° 25' 55.008"	82° 33' 2.318"
P129	4	23° 25' 56.184"	82° 33' 2.101"	P130	4	23° 25' 56.971"	82° 33' 1.980"
P131	4	23° 25' 58.245"	82° 33' 1.682"	P132	4	23° 26' 0.396"	82° 33' 1.127"
P133	4	23° 26' 2.007"	82° 33' 0.654"	P134	4	23° 26' 2.771"	82° 33' 0.407"
P135	4	23° 26' 3.168"	82° 33' 0.294"	P136	4	23° 26' 3.423"	82° 33' 0.193"
P137	4	23° 26' 3.570"	82° 33' 0.166"	P138	4	23° 26' 4.263"	82° 33' 0.119"
P139	4	23° 26' 5.396"	82° 33' 0.139"	P140	5	23° 26' 27.643"	82° 33' 0.421"
P141	5	23° 26' 27.686"	82° 33' 0.380"	P142	5	23° 26' 28.048"	82° 33' 0.011"
P143	5	23° 26' 12.659"	82° 33' 0.817"	P144	5	23° 26' 13.429"	82° 33' 0.965"
P145	5	23° 26' 14.727"	82° 33' 1.171"	P146	5	23° 26' 15.080"	82° 33' 1.209"
P147	5	23° 26' 15.334"	82° 33' 1.219"	P148	5	23° 26' 16.121"	82° 33' 1.198"
P149	5	23° 26' 17.470"	82° 33' 1.179"	P150	5	23° 26' 17.557"	82° 33' 1.178"
P151	5	23° 26' 17.692"	82° 33' 1.193"	P152	5	23° 26' 18.426"	82° 33' 1.316"
P153	5	23° 26' 19.178"	82° 33' 1.393"	P154	5	23° 26' 20.021"	82° 33' 1.452"
P155	5	23° 26' 20.682"	82° 33' 1.470"	P156	5	23° 26' 21.066"	82° 33' 1.464"

5.2. DGPS Surveyed coordinates of Forest Patches (Annexure-2)

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P1	1	23° 26' 34.076"	82° 31' 2.898"	P2	1	23° 26' 33.829"	82° 31' 2.945"
P3	1	23° 26' 33.438"	82° 31' 3.044"	P4	1	23° 26' 33.153"	82° 31' 3.151"
P5	1	23° 26' 32.872"	82° 31' 3.287"	P6	1	23° 26' 32.662"	82° 31' 3.403"
P7	1	23° 26' 32.227"	82° 31' 3.699"	P8	1	23° 26' 31.146"	82° 31' 4.529"
P9	1	23° 26' 30.651"	82° 31' 4.952"	P10	1	23° 26' 30.116"	82° 31' 5.348"
P11	1	23° 26' 29.305"	82° 31' 6.044"	P12	1	23° 26' 28.816"	82° 31' 6.565"
P13	1	23° 26' 28.132"	82° 31' 7.183"	P14	1	23° 26' 27.795"	82° 31' 7.494"
P15	1	23° 26' 27.605"	82° 31' 7.666"	P16	1	23° 26' 27.336"	82° 31' 7.881"
P17	1	23° 26' 27.102"	82° 31' 8.052"	P18	1	23° 26' 26.911"	82° 31' 8.175"
P19	1	23° 26' 26.699"	82° 31' 8.282"	P20	1	23° 26' 26.351"	82° 31' 8.389"
P21	1	23° 26' 25.868"	82° 31' 8.476"	P22	1	23° 26' 25.497"	82° 31' 8.531"
P23	1	23° 26' 24.924"	82° 31' 8.602"	P24	1	23° 26' 24.290"	82° 31' 8.679"
P25	1	23° 26' 22.948"	82° 31' 8.849"	P26	1	23° 26' 22.250"	82° 31' 8.929"
P27	1	23° 26' 21.959"	82° 31' 8.980"	P28	1	23° 26' 21.610"	82° 31' 9.039"
P29	1	23° 26' 21.124"	82° 31' 9.152"	P30	1	23° 26' 20.039"	82° 31' 9.507"
P31	1	23° 26' 19.356"	82° 31' 9.759"	P32	1	23° 26' 18.451"	82° 31' 10.102"
P33	1	23° 26' 17.369"	82° 31' 10.500"	P34	1	23° 26' 15.819"	82° 31' 11.091"
P35	1	23° 26' 15.062"	82° 31' 11.399"	P36	1	23° 26' 12.896"	82° 31' 12.212"
P37	1	23° 26' 11.083"	82° 31' 12.888"	P38	1	23° 26' 9.594"	82° 31' 13.451"
P39	1	23° 26' 8.300"	82° 31' 13.932"	P40	1	23° 26' 7.346"	82° 31' 14.279"
P41	1	23° 26' 6.494"	82° 31' 14.595"	P42	1	23° 26' 5.624"	82° 31' 14.902"
P43	1	23° 26' 4.779"	82° 31' 15.215"	P44	1	23° 26' 3.454"	82° 31' 15.708"
P45	1	23° 26' 2.273"	82° 31' 16.185"	P46	1	23° 26' 1.781"	82° 31' 16.373"
P47	1	23° 26' 1.389"	82° 31' 16.540"	P48	1	23° 26' 0.628"	82° 31' 16.837"
P49	1	23° 26' 0.126"	82° 31' 17.014"	P50	1	23° 25' 59.522"	82° 31' 17.196"
P51	1	23° 25' 59.126"	82° 31' 17.295"	P52	1	23° 25' 58.504"	82° 31' 17.379"
P53	1	23° 25' 58.194"	82° 31' 17.387"	P54	1	23° 25' 57.323"	82° 31' 17.300"
P55	1	23° 25' 56.424"	82° 31' 17.139"	P56	1	23° 25' 55.653"	82° 31' 16.953"
P57	1	23° 25' 55.156"	82° 31' 16.795"	P58	1	23° 25' 54.646"	82° 31' 16.592"
P59	1	23° 25' 53.942"	82° 31' 16.252"	P60	1	23° 25' 53.024"	82° 31' 15.753"
P61	1	23° 25' 51.692"	82° 31' 14.992"	P62	1	23° 25' 50.423"	82° 31' 14.265"
P63	1	23° 25' 48.066"	82° 31' 12.871"	P64	1	23° 25' 46.776"	82° 31' 12.112"
P65	1	23° 25' 46.318"	82° 31' 11.862"	P66	1	23° 25' 46.114"	82° 31' 11.752"
P67	1	23° 25' 45.812"	82° 31' 11.624"	P68	1	23° 25' 45.506"	82° 31' 11.520"
P69	1	23° 25' 45.129"	82° 31' 11.425"	P70	1	23° 25' 44.739"	82° 31' 11.356"
P71	1	23° 25' 44.438"	82° 31' 11.322"	P72	1	23° 25' 43.964"	82° 31' 11.304"
P73	1	23° 25' 43.406"	82° 31' 11.323"	P74	1	23° 25' 42.960"	82° 31' 11.392"
P75	1	23° 25' 40.079"	82° 31' 11.998"	P76	1	23° 25' 37.734"	82° 31' 12.507"



102	102	Sonhat	Koriya	Sonhat(P)	PF	P258	1.176	0.500	0.059
103	12	Sonhat	Koriya	Sonhat(P)	RF	254	0.157	0.500	0.008
104	93	Sonhat	Koriya	Sonhat(P)	RF	245	1.081	0.500	0.054
105	94	Sonhat	Koriya	Sonhat(P)	RF	244	0.009	0.500	0.000
Total (Table A)							93.567	0.500	4.680

Table B - Area statement for proposed forest Patches – Revenue Forest land(Chhote / Bade Jhad ka Jangal)

Sl. No.	Patch	District	Block	Village	Type	Khasra No	Length (in Km.)	Width (in m.)	Proposed Area (In Ha.)
1	106	Korea	Sonhat	Baswahi	BJJ	64	0.081	0.500	0.004
2	107	Korea	Sonhat	Baswahi	BJJ	104	0.070	0.500	0.003
3	108	Korea	Sonhat	Baswahi	BJJ	105	0.052	0.500	0.003
4	118	Korea	Sonhat	Bhuiharipara	CJJ	78	0.057	0.500	0.003
5	119	Korea	Sonhat	Bhuiharipara	CJJ	74	0.170	0.500	0.008
6	120	Korea	Sonhat	Tarra	BJJ	170	0.049	0.500	0.002
7	109	Korea	Khadgawan	Khadgawan	CJJ	408	0.054	0.500	0.003
8	110	Korea	Khadgawan	Ratanpur	CJJ	105	0.197	0.500	0.010
9	111	Korea	Khadgawan	Ratanpur	CJJ	130	0.107	0.500	0.005
10	112	Korea	Khadgawan	Ratanpur	CJJ	750	0.030	0.500	0.002
11	113	Korea	Khadgawan	Ratanpur	CJJ	757	0.167	0.500	0.008
12	114	Korea	Khadgawan	Amadand	CJJ	291	0.130	0.500	0.006
13	115	Korea	Khadgaon	Amadand	CJJ	273	0.068	0.500	0.003
14	116	Korea	Khdgawan	Amadand	CJJ	356	0.027	0.500	0.001
15	117	Korea	Khadgawan	Amadand	CJJ	342	0.097	0.500	0.005
Total (Table B)							1.356	0.500	0.066



वन परिक्षेत्राधिकारी
करीया का जंगल बैकुण्ठपुर

S.D.O. (F.)
North / Baikunthpur

S.D.O. (F.)
South Baikunthpur

वन परिक्षेत्राधिकारी
देवगढ़

वन परिक्षेत्राधिकारी
सोनहत (सा)

परिक्षेत्राधिकारी
खडगावा

वन परिक्षेत्राधिकारी
खडगावा केरिया

वन परिक्षेत्राधिकारी
बैकुण्ठपुर

61	88	Khadgawan	Koriya	Khadgawan	RF	595	1.893	0.500	0.095
62	91	Khadgawan	Koriya	Khadgawan	RF	652	0.160	0.500	0.008
63	92	Khadgawan	Koriya	Khadgawan	RF	652	1.550	0.500	0.077
64	15	Sonhat	Koriya	Baikunthpur	RF	460	0.116	0.500	0.006
65	16	Sonhat	Koriya	Baikunthpur	RF	463	0.547	0.500	0.027
66	99	Sonhat	Koriya	Baikunthpur	RF	461	0.010	0.500	0.001
67	100	Sonhat	Koriya	Baikunthpur	RF	461	0.375	0.500	0.019
68	101	Sonhat	Koriya	Baikunthpur	RF	456	0.590	0.500	0.029
69	2	Sonhat	Koriya	Devgarh	PF	P370	0.227	0.500	0.011
70	3	Sonhat	Koriya	Devgarh	PF	P416	0.423	0.500	0.021
71	13	Sonhat	Koriya	Devgarh	PF	P405	0.882	0.500	0.044
72	14	Sonhat	Koriya	Devgarh	PF	P415	1.090	0.500	0.055
73	17	Sonhat	Koriya	Devgarh	PF	P374	0.651	0.500	0.033
74	18	Sonhat	Koriya	Devgarh	PF	P414	0.694	0.500	0.035
75	19	Sonhat	Koriya	Devgarh	PF	P385	0.696	0.500	0.035
76	20	Sonhat	Koriya	Devgarh	PF	P386	1.979	0.500	0.099
77	21	Sonhat	Koriya	Devgarh	PF	P379	1.461	0.500	0.073
78	22	Sonhat	Koriya	Devgarh	PF	P378	1.438	0.500	0.072
79	23	Sonhat	Koriya	Devgarh	PF	P383	0.015	0.500	0.001
80	24	Sonhat	Koriya	Devgarh	PF	P381	0.490	0.500	0.024
81	25	Sonhat	Koriya	Devgarh	PF	P374	0.656	0.500	0.033
82	28	Sonhat	Koriya	Devgarh	PF	P379	0.718	0.500	0.036
83	29	Sonhat	Koriya	Devgarh	PF	P378	1.012	0.500	0.051
84	30	Sonhat	Koriya	Devgarh	PF	P376	2.306	0.500	0.115
85	32	Sonhat	Koriya	Devgarh	PF	P408	1.131	0.500	0.057
86	33	Sonhat	Koriya	Devgarh	PF	P344	1.051	0.500	0.053
87	34	Sonhat	Koriya	Devgarh	PF	P345	1.704	0.500	0.085
88	95	Sonhat	Koriya	Devgarh	PF	P420	0.340	0.500	0.017
89	1	Sonhat	Koriya	Devgarh	RF	368	1.936	0.500	0.097
90	4	Sonhat	Koriya	Devgarh	RF	365	0.738	0.500	0.037
91	5	Sonhat	Koriya	Devgarh	RF	368	0.430	0.500	0.021
92	6	Sonhat	Koriya	Devgarh	RF	366	0.225	0.500	0.011
93	7	Sonhat	Koriya	Devgarh	RF	419	1.399	0.500	0.070
94	8	Sonhat	Koriya	Devgarh	RF	422	0.465	0.500	0.023
95	9	Sonhat	Koriya	Devgarh	RF	421	0.364	0.500	0.018
96	10	Sonhat	Koriya	Devgarh	RF	417	2.052	0.500	0.103
97	26	Sonhat	Koriya	Devgarh	RF	410	0.856	0.500	0.043
98	27	Sonhat	Koriya	Devgarh	RF	412	1.084	0.500	0.054
99	31	Sonhat	Koriya	Devgarh	RF	411	1.986	0.500	0.099
100	11	Sonhat	Koriya	Sonhat(P)	PF	P259	1.276	0.500	0.064
101	97	Sonhat	Koriya	Sonhat(P)	PF	P257	3.401	0.500	0.170



20	61	Khadgawan	Koriya	Chirmiri	RF	572B	1.368	0.500	0.068
21	62	Khadgawan	Koriya	Chirmiri	RF	570	0.166	0.500	0.008
22	63	Khadgawan	Koriya	Chirmiri	RF	572A	0.613	0.500	0.031
23	71	Khadgawan	Koriya	Chirmiri	RF	564	1.266	0.500	0.063
24	89	Khadgawan	Koriya	Chirmiri	RF	577	2.141	0.500	0.107
25	90	Khadgawan	Koriya	Chirmiri	RF	572A	1.195	0.500	0.060
26	40	Khadgawan	Koriya	Khadgawan	PF	P624	0.974	0.500	0.049
27	42	Khadgawan	Koriya	Khadgawan	PF	P589	1.518	0.500	0.076
28	43	Khadgawan	Koriya	Khadgawan	PF	P590	1.199	0.500	0.060
29	46	Khadgawan	Koriya	Khadgawan	PF	P620	0.556	0.500	0.028
30	47	Khadgawan	Koriya	Khadgawan	PF	P620	0.614	0.500	0.031
31	53	Khadgawan	Koriya	Khadgawan	PF	P641	0.541	0.500	0.027
32	64	Khadgawan	Koriya	Khadgawan	PF	P640	1.120	0.500	0.056
33	66	Khadgawan	Koriya	Khadgawan	PF	P643	0.590	0.500	0.030
34	67	Khadgawan	Koriya	Khadgawan	PF	P661	0.560	0.500	0.028
35	68	Khadgawan	Koriya	Khadgawan	PF	P640	0.075	0.500	0.004
36	69	Khadgawan	Koriya	Khadgawan	PF	P638	1.009	0.500	0.050
37	70	Khadgawan	Koriya	Khadgawan	PF	P642	0.147	0.500	0.007
38	77	Khadgawan	Koriya	Khadgawan	PF	P660	0.292	0.500	0.015
39	78	Khadgawan	Koriya	Khadgawan	PF	P649	1.391	0.500	0.070
40	79	Khadgawan	Koriya	Khadgawan	PF	P645	1.147	0.500	0.057
41	80	Khadgawan	Koriya	Khadgawan	PF	P644	0.889	0.500	0.044
42	82	Khadgawan	Koriya	Khadgawan	PF	P640	0.195	0.500	0.010
43	83	Khadgawan	Koriya	Khadgawan	PF	P640	0.195	0.500	0.010
44	85	Khadgawan	Koriya	Khadgawan	PF	P620	0.806	0.500	0.040
45	86	Khadgawan	Koriya	Khadgawan	PF	P640	1.724	0.500	0.086
46	96	Khadgawan	Koriya	Khadgawan	PF	P640	1.735	0.500	0.087
47	98	Khadgawan	Koriya	Khadgawan	PF	P640	0.195	0.500	0.010
48	41	Khadgawan	Koriya	Khadgawan	RF	629	0.888	0.500	0.044
49	44	Khadgawan	Koriya	Khadgawan	RF	584	0.566	0.500	0.028
50	45	Khadgawan	Koriya	Khadgawan	RF	608	0.577	0.500	0.029
51	51	Khadgawan	Koriya	Khadgawan	RF	626	1.117	0.500	0.056
52	52	Khadgawan	Koriya	Khadgawan	RF	625	0.325	0.500	0.016
53	65	Khadgawan	Koriya	Khadgawan	RF	631	1.084	0.500	0.054
54	72	Khadgawan	Koriya	Khadgawan	RF	652	0.212	0.500	0.011
55	73	Khadgawan	Koriya	Khadgawan	RF	651	1.642	0.500	0.082
56	74	Khadgawan	Koriya	Khadgawan	RF	653	0.491	0.500	0.025
57	75	Khadgawan	Koriya	Khadgawan	RF	653	0.510	0.500	0.025
58	81	Khadgawan	Koriya	Khadgawan	RF	633	2.411	0.500	0.121
59	84	Khadgawan	Koriya	Khadgawan	RF	629	1.120	0.500	0.056
60	87	Khadgawan	Koriya	Khadgawan	RF	635	3.404	0.500	0.170



5. DGPS Survey Results

The total OFC route length is approx. 455.012 km out of this, 94.923 km OFC route length is passing through Forest land hence the proposed forest area for diversion is 4.746 Ha. Forest Area Statement Report is in Annexure-1, and DGPS coordinates and forest patch boundary coordinates is in Annexure-2. The geo-referenced maps are in Annexure -3.

5.1. Forest Area Statement (Annexure-1)

Forest Area Statement - Table A + Table B								
Block	Forest Division	Total OFC Route Length in km.	Length of Non-Forest Patch in km.	Length of Forest Patch in km.			Width of Forest Patch in m.	Area of Proposed Forest Patches in Ha.
				PF/RF/OA	Rev. Forest	Total		
Khadgawan & Sonhat	Koriya	455.012	360.089	93.567	1.356	94.923	0.500	4.746

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area									
Sl. No.	Patch	Block	Forest Division	Forest Range	Type	Compartment No	Length in km.	Width in m.	Proposed Area (In Ha.)
1	38	Khadgawan	Koriya	Chirmiri	PF	P576	0.165	0.500	0.008
2	50	Khadgawan	Koriya	Chirmiri	PF	P563	0.737	0.500	0.037
3	58	Khadgawan	Koriya	Chirmiri	PF	P546	0.213	0.500	0.011
4	76	Khadgawan	Koriya	Chirmiri	PF	P575	0.748	0.500	0.037
5	103	Khadgawan	Koriya	Chirmiri	PF	P576	0.132	0.500	0.007
6	104	Khadgawan	Koriya	Chirmiri	PF	P576	0.258	0.500	0.013
7	105	Khadgawan	Koriya	Chirmiri	PF	P576	0.341	0.500	0.017
8	35	Khadgawan	Koriya	Chirmiri	RF	579	0.877	0.500	0.044
9	36	Khadgawan	Koriya	Chirmiri	RF	580	0.628	0.500	0.031
10	37	Khadgawan	Koriya	Chirmiri	RF	577	0.165	0.500	0.008
11	39	Khadgawan	Koriya	Chirmiri	RF	578	0.748	0.500	0.037
12	48	Khadgawan	Koriya	Chirmiri	RF	554	0.492	0.500	0.025
13	49	Khadgawan	Koriya	Chirmiri	RF	560B	1.302	0.500	0.065
14	54	Khadgawan	Koriya	Chirmiri	RF	569	1.269	0.500	0.063
15	55	Khadgawan	Koriya	Chirmiri	RF	572B	1.345	0.500	0.067
16	56	Khadgawan	Koriya	Chirmiri	RF	570	0.170	0.500	0.009
17	57	Khadgawan	Koriya	Chirmiri	RF	572A	0.656	0.500	0.033
18	59	Khadgawan	Koriya	Chirmiri	RF	545	0.642	0.500	0.032
19	60	Khadgawan	Koriya	Chirmiri	RF	569	1.271	0.500	0.064



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2237	33	23° 25' 50.242"	82° 23' 39.043"	P2238	33	23° 25' 50.163"	82° 23' 38.994"
P2239	33	23° 25' 50.094"	82° 23' 38.935"	P2240	33	23° 25' 50.033"	82° 23' 38.866"
P2241	33	23° 25' 49.960"	82° 23' 38.766"	P2242	33	23° 25' 49.900"	82° 23' 38.670"
P2243	33	23° 25' 49.861"	82° 23' 38.581"	P2244	33	23° 25' 49.812"	82° 23' 38.488"
P2245	33	23° 25' 49.742"	82° 23' 38.314"	P2246	33	23° 25' 49.708"	82° 23' 38.115"
P2247	33	23° 25' 49.684"	82° 23' 37.896"	P2248	33	23° 25' 49.623"	82° 23' 37.456"
P2249	33	23° 25' 49.606"	82° 23' 37.322"	P2250	33	23° 25' 49.582"	82° 23' 36.974"
P2251	33	23° 25' 49.575"	82° 23' 36.649"	P2252	33	23° 25' 49.582"	82° 23' 36.164"
P2253	33	23° 25' 49.613"	82° 23' 35.180"	P2254	33	23° 25' 49.594"	82° 23' 33.585"
P2255	33	23° 25' 49.568"	82° 23' 32.765"	P2256	33	23° 25' 49.524"	82° 23' 32.271"
P2257	33	23° 25' 49.506"	82° 23' 32.006"	P2258	33	23° 25' 49.472"	82° 23' 31.402"
P2259	33	23° 25' 49.408"	82° 23' 30.862"	P2260	33	23° 25' 49.329"	82° 23' 30.427"
P2261	33	23° 25' 49.165"	82° 23' 29.515"	P2262	33	23° 25' 49.053"	82° 23' 28.891"
P2263	33	23° 25' 49.010"	82° 23' 28.623"	P2264	33	23° 25' 48.984"	82° 23' 28.304"
P2265	33	23° 25' 48.978"	82° 23' 28.080"	P2266	34	23° 26' 27.758"	82° 25' 17.678"
P2267	34	23° 26' 27.738"	82° 25' 17.563"	P2268	34	23° 26' 27.696"	82° 25' 17.422"
P2269	34	23° 26' 27.653"	82° 25' 17.314"	P2270	34	23° 26' 27.586"	82° 25' 17.138"
P2271	34	23° 26' 27.508"	82° 25' 16.987"	P2272	34	23° 26' 27.395"	82° 25' 16.803"
P2273	34	23° 26' 27.178"	82° 25' 16.454"	P2274	34	23° 26' 26.789"	82° 25' 15.784"
P2275	34	23° 26' 26.314"	82° 25' 14.914"	P2276	34	23° 26' 26.062"	82° 25' 14.487"
P2277	34	23° 26' 25.833"	82° 25' 14.081"	P2278	34	23° 26' 25.557"	82° 25' 13.666"
P2279	34	23° 26' 25.428"	82° 25' 13.511"	P2280	34	23° 26' 25.290"	82° 25' 13.369"
P2281	34	23° 26' 25.092"	82° 25' 13.171"	P2282	34	23° 26' 24.888"	82° 25' 12.985"
P2283	34	23° 26' 24.680"	82° 25' 12.826"	P2284	34	23° 26' 24.099"	82° 25' 12.471"
P2285	34	23° 26' 23.493"	82° 25' 12.170"	P2286	34	23° 26' 22.941"	82° 25' 11.955"
P2287	34	23° 26' 22.242"	82° 25' 11.726"	P2288	34	23° 26' 21.480"	82° 25' 11.452"
P2289	34	23° 26' 21.155"	82° 25' 11.320"	P2290	34	23° 26' 20.899"	82° 25' 11.207"
P2291	34	23° 26' 20.637"	82° 25' 11.097"	P2292	34	23° 26' 20.424"	82° 25' 10.994"
P2293	34	23° 26' 20.338"	82° 25' 10.947"	P2294	34	23° 26' 20.224"	82° 25' 10.874"
P2295	34	23° 26' 20.116"	82° 25' 10.795"	P2296	34	23° 26' 19.997"	82° 25' 10.696"
P2297	34	23° 26' 19.857"	82° 25' 10.551"	P2298	34	23° 26' 19.759"	82° 25' 10.412"
P2299	34	23° 26' 19.698"	82° 25' 10.306"	P2300	34	23° 26' 19.629"	82° 25' 10.187"
P2301	34	23° 26' 19.581"	82° 25' 10.076"	P2302	34	23° 26' 19.540"	82° 25' 9.928"
P2303	34	23° 26' 19.516"	82° 25' 9.822"	P2304	34	23° 26' 19.510"	82° 25' 9.769"
P2305	34	23° 26' 19.504"	82° 25' 9.662"	P2306	34	23° 26' 19.509"	82° 25' 9.547"
P2307	34	23° 26' 19.522"	82° 25' 9.414"	P2308	34	23° 26' 19.544"	82° 25' 9.293"
P2309	34	23° 26' 19.637"	82° 25' 8.904"	P2310	34	23° 26' 19.773"	82° 25' 8.294"
P2311	34	23° 26' 19.877"	82° 25' 7.768"	P2312	34	23° 26' 19.954"	82° 25' 7.349"
P2313	34	23° 26' 19.996"	82° 25' 7.002"	P2314	34	23° 26' 20.013"	82° 25' 6.812"
P2315	34	23° 26' 20.026"	82° 25' 6.603"	P2316	34	23° 26' 20.022"	82° 25' 6.409"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2317	34	23° 26' 20.017"	82° 25' 6.184"	P2318	34	23° 26' 20.008"	82° 25' 5.917"
P2319	34	23° 26' 20.005"	82° 25' 5.742"	P2320	34	23° 26' 20.010"	82° 25' 5.607"
P2321	34	23° 26' 20.018"	82° 25' 5.509"	P2322	34	23° 26' 20.032"	82° 25' 5.400"
P2323	34	23° 26' 20.050"	82° 25' 5.321"	P2324	34	23° 26' 20.096"	82° 25' 5.175"
P2325	34	23° 26' 20.198"	82° 25' 4.860"	P2326	34	23° 26' 20.299"	82° 25' 4.539"
P2327	34	23° 26' 20.409"	82° 25' 4.156"	P2328	34	23° 26' 20.457"	82° 25' 3.966"
P2329	34	23° 26' 20.477"	82° 25' 3.843"	P2330	34	23° 26' 20.489"	82° 25' 3.691"
P2331	34	23° 26' 20.502"	82° 25' 3.530"	P2332	34	23° 26' 20.499"	82° 25' 3.394"
P2333	34	23° 26' 20.490"	82° 25' 3.218"	P2334	34	23° 26' 20.470"	82° 25' 2.958"
P2335	34	23° 26' 20.441"	82° 25' 2.705"	P2336	34	23° 26' 20.367"	82° 25' 2.202"
P2337	34	23° 26' 20.306"	82° 25' 1.742"	P2338	34	23° 26' 20.279"	82° 25' 1.615"
P2339	34	23° 26' 20.248"	82° 25' 1.516"	P2340	34	23° 26' 20.224"	82° 25' 1.449"
P2341	34	23° 26' 20.192"	82° 25' 1.381"	P2342	34	23° 26' 20.134"	82° 25' 1.277"
P2343	34	23° 26' 20.087"	82° 25' 1.203"	P2344	34	23° 26' 20.028"	82° 25' 1.129"
P2345	34	23° 26' 19.946"	82° 25' 1.044"	P2346	34	23° 26' 19.834"	82° 25' 0.926"
P2347	34	23° 26' 19.749"	82° 25' 0.860"	P2348	34	23° 26' 19.517"	82° 25' 0.688"
P2349	34	23° 26' 19.320"	82° 25' 0.562"	P2350	34	23° 26' 19.209"	82° 25' 0.507"
P2351	34	23° 26' 19.076"	82° 25' 0.460"	P2352	34	23° 26' 18.426"	82° 25' 0.183"
P2353	34	23° 26' 18.218"	82° 25' 0.092"	P2354	34	23° 26' 18.057"	82° 25' 0.011"
P2355	34	23° 26' 17.905"	82° 24' 59.935"	P2356	34	23° 26' 17.336"	82° 24' 59.650"
P2357	34	23° 26' 17.082"	82° 24' 59.525"	P2358	34	23° 26' 16.789"	82° 24' 59.362"
P2359	34	23° 26' 16.502"	82° 24' 59.195"	P2360	34	23° 26' 16.310"	82° 24' 59.070"
P2361	34	23° 26' 16.194"	82° 24' 58.988"	P2362	34	23° 26' 16.003"	82° 24' 58.836"
P2363	34	23° 26' 15.852"	82° 24' 58.708"	P2364	34	23° 26' 15.714"	82° 24' 58.581"
P2365	34	23° 26' 15.576"	82° 24' 58.446"	P2366	34	23° 26' 15.468"	82° 24' 58.324"
P2367	34	23° 26' 15.219"	82° 24' 58.047"	P2368	34	23° 26' 14.877"	82° 24' 57.613"
P2369	34	23° 26' 14.456"	82° 24' 57.045"	P2370	34	23° 26' 14.093"	82° 24' 56.517"
P2371	34	23° 26' 13.545"	82° 24' 55.639"	P2372	34	23° 26' 13.072"	82° 24' 54.869"
P2373	34	23° 26' 12.809"	82° 24' 54.472"	P2374	34	23° 26' 12.575"	82° 24' 54.167"
P2375	34	23° 26' 12.225"	82° 24' 53.772"	P2376	34	23° 26' 11.816"	82° 24' 53.350"
P2377	34	23° 26' 11.386"	82° 24' 52.957"	P2378	34	23° 26' 11.106"	82° 24' 52.699"
P2379	34	23° 26' 10.652"	82° 24' 52.286"	P2380	34	23° 26' 10.490"	82° 24' 52.113"
P2381	34	23° 26' 10.280"	82° 24' 51.877"	P2382	34	23° 26' 10.044"	82° 24' 51.580"
P2383	34	23° 26' 9.689"	82° 24' 51.096"	P2384	34	23° 26' 9.333"	82° 24' 50.611"
P2385	34	23° 26' 9.119"	82° 24' 50.331"	P2386	34	23° 26' 8.898"	82° 24' 50.066"
P2387	34	23° 26' 8.621"	82° 24' 49.707"	P2388	34	23° 26' 8.378"	82° 24' 49.381"
P2389	34	23° 26' 8.259"	82° 24' 49.188"	P2390	34	23° 26' 8.103"	82° 24' 48.914"
P2391	34	23° 26' 8.007"	82° 24' 48.726"	P2392	34	23° 26' 7.877"	82° 24' 48.429"
P2393	34	23° 26' 7.773"	82° 24' 48.169"	P2394	34	23° 26' 7.562"	82° 24' 47.632"
P2395	34	23° 26' 7.376"	82° 24' 47.216"	P2396	34	23° 26' 7.328"	82° 24' 47.116"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2397	34	23° 26' 7.185"	82° 24' 46.847"	P2398	34	23° 26' 7.069"	82° 24' 46.655"
P2399	34	23° 26' 6.900"	82° 24' 46.407"	P2400	34	23° 26' 6.668"	82° 24' 46.089"
P2401	34	23° 26' 6.413"	82° 24' 45.769"	P2402	34	23° 26' 6.214"	82° 24' 45.529"
P2403	34	23° 26' 5.909"	82° 24' 45.158"	P2404	34	23° 26' 5.484"	82° 24' 44.596"
P2405	34	23° 26' 5.107"	82° 24' 44.075"	P2406	34	23° 26' 4.780"	82° 24' 43.578"
P2407	34	23° 26' 4.521"	82° 24' 43.195"	P2408	34	23° 26' 4.422"	82° 24' 43.043"
P2409	34	23° 26' 4.286"	82° 24' 42.783"	P2410	34	23° 26' 4.216"	82° 24' 42.625"
P2411	34	23° 26' 4.106"	82° 24' 42.338"	P2412	34	23° 26' 3.959"	82° 24' 41.934"
P2413	34	23° 26' 3.784"	82° 24' 41.459"	P2414	34	23° 26' 3.599"	82° 24' 40.881"
P2415	34	23° 26' 3.422"	82° 24' 40.353"	P2416	34	23° 26' 3.100"	82° 24' 39.517"
P2417	34	23° 26' 2.797"	82° 24' 38.806"	P2418	34	23° 26' 2.430"	82° 24' 37.949"
P2419	34	23° 26' 2.202"	82° 24' 37.381"	P2420	34	23° 26' 2.112"	82° 24' 37.139"
P2421	34	23° 26' 2.049"	82° 24' 36.946"	P2422	34	23° 26' 1.978"	82° 24' 36.720"
P2423	34	23° 26' 1.914"	82° 24' 36.464"	P2424	34	23° 26' 1.872"	82° 24' 36.268"
P2425	34	23° 26' 1.806"	82° 24' 35.857"	P2426	34	23° 26' 1.707"	82° 24' 35.270"
P2427	34	23° 26' 1.555"	82° 24' 34.477"	P2428	34	23° 26' 1.409"	82° 24' 33.732"
P2429	34	23° 26' 1.289"	82° 24' 33.052"	P2430	34	23° 26' 1.139"	82° 24' 31.767"
P2431	34	23° 26' 0.991"	82° 24' 30.498"	P2432	34	23° 26' 0.976"	82° 24' 30.353"
P2433	35	23° 5' 29.330"	82° 17' 58.935"	P2434	35	23° 5' 29.327"	82° 17' 58.939"
P2435	35	23° 5' 29.138"	82° 17' 59.263"	P2436	35	23° 5' 28.962"	82° 17' 59.613"
P2437	35	23° 5' 28.690"	82° 18' 0.288"	P2438	35	23° 5' 28.549"	82° 18' 0.715"
P2439	35	23° 5' 28.486"	82° 18' 0.926"	P2440	35	23° 5' 28.411"	82° 18' 1.191"
P2441	35	23° 5' 28.195"	82° 18' 1.981"	P2442	35	23° 5' 27.997"	82° 18' 2.610"
P2443	35	23° 5' 27.837"	82° 18' 2.986"	P2444	35	23° 5' 27.655"	82° 18' 3.389"
P2445	35	23° 5' 27.528"	82° 18' 3.632"	P2446	35	23° 5' 27.138"	82° 18' 4.278"
P2447	35	23° 5' 26.786"	82° 18' 4.901"	P2448	35	23° 5' 26.667"	82° 18' 5.148"
P2449	35	23° 5' 26.542"	82° 18' 5.415"	P2450	35	23° 5' 26.355"	82° 18' 5.866"
P2451	35	23° 5' 26.175"	82° 18' 6.403"	P2452	35	23° 5' 26.019"	82° 18' 6.920"
P2453	35	23° 5' 25.941"	82° 18' 7.293"	P2454	35	23° 5' 25.905"	82° 18' 7.567"
P2455	35	23° 5' 25.903"	82° 18' 7.690"	P2456	35	23° 5' 25.952"	82° 18' 7.883"
P2457	35	23° 5' 26.002"	82° 18' 8.020"	P2458	35	23° 5' 26.100"	82° 18' 8.185"
P2459	35	23° 5' 26.311"	82° 18' 8.469"	P2460	35	23° 5' 26.339"	82° 18' 8.496"
P2461	35	23° 5' 22.871"	82° 18' 15.509"	P2462	35	23° 5' 22.697"	82° 18' 15.629"
P2463	35	23° 5' 22.527"	82° 18' 15.704"	P2464	35	23° 5' 22.395"	82° 18' 15.744"
P2465	35	23° 5' 22.137"	82° 18' 15.807"	P2466	35	23° 5' 21.733"	82° 18' 15.866"
P2467	35	23° 5' 21.555"	82° 18' 15.888"	P2468	35	23° 5' 21.401"	82° 18' 15.916"
P2469	35	23° 5' 21.153"	82° 18' 16.005"	P2470	35	23° 5' 20.980"	82° 18' 16.076"
P2471	35	23° 5' 20.788"	82° 18' 16.179"	P2472	35	23° 5' 20.633"	82° 18' 16.298"
P2473	35	23° 5' 20.410"	82° 18' 16.503"	P2474	35	23° 5' 20.128"	82° 18' 16.853"
P2475	35	23° 5' 19.828"	82° 18' 17.223"	P2476	35	23° 5' 19.517"	82° 18' 17.671"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2477	35	23° 5' 19.269"	82° 18' 18.054"	P2478	35	23° 5' 19.059"	82° 18' 18.390"
P2479	35	23° 5' 18.905"	82° 18' 18.672"	P2480	35	23° 5' 18.774"	82° 18' 18.882"
P2481	35	23° 5' 18.658"	82° 18' 19.043"	P2482	35	23° 5' 18.363"	82° 18' 19.462"
P2483	35	23° 5' 18.094"	82° 18' 19.822"	P2484	35	23° 5' 17.578"	82° 18' 20.431"
P2485	35	23° 5' 17.297"	82° 18' 20.804"	P2486	35	23° 5' 17.112"	82° 18' 21.076"
P2487	35	23° 5' 16.927"	82° 18' 21.374"	P2488	35	23° 5' 16.807"	82° 18' 21.619"
P2489	35	23° 5' 16.744"	82° 18' 21.783"	P2490	35	23° 5' 16.669"	82° 18' 22.026"
P2491	35	23° 5' 16.575"	82° 18' 22.347"	P2492	35	23° 5' 16.407"	82° 18' 22.928"
P2493	35	23° 5' 16.247"	82° 18' 23.437"	P2494	35	23° 5' 16.108"	82° 18' 23.834"
P2495	35	23° 5' 16.045"	82° 18' 23.993"	P2496	35	23° 5' 15.952"	82° 18' 24.227"
P2497	35	23° 5' 15.876"	82° 18' 24.381"	P2498	35	23° 5' 15.825"	82° 18' 24.466"
P2499	35	23° 5' 15.791"	82° 18' 24.505"	P2500	35	23° 5' 15.744"	82° 18' 24.551"
P2501	35	23° 5' 15.637"	82° 18' 24.621"	P2502	35	23° 5' 15.415"	82° 18' 24.740"
P2503	35	23° 5' 15.172"	82° 18' 24.867"	P2504	35	23° 5' 14.969"	82° 18' 25.014"
P2505	35	23° 5' 14.825"	82° 18' 25.151"	P2506	35	23° 5' 14.683"	82° 18' 25.300"
P2507	35	23° 5' 14.504"	82° 18' 25.541"	P2508	35	23° 5' 14.386"	82° 18' 25.741"
P2509	35	23° 5' 14.264"	82° 18' 25.993"	P2510	35	23° 5' 13.979"	82° 18' 26.633"
P2511	35	23° 5' 13.725"	82° 18' 27.302"	P2512	35	23° 5' 13.526"	82° 18' 27.812"
P2513	35	23° 5' 13.311"	82° 18' 28.423"	P2514	35	23° 5' 13.093"	82° 18' 29.004"
P2515	35	23° 5' 12.798"	82° 18' 29.696"	P2516	35	23° 5' 12.553"	82° 18' 30.300"
P2517	35	23° 5' 12.201"	82° 18' 31.104"	P2518	36	23° 5' 4.132"	82° 18' 38.865"
P2519	36	23° 5' 3.414"	82° 18' 39.382"	P2520	36	23° 5' 2.710"	82° 18' 39.863"
P2521	36	23° 5' 2.288"	82° 18' 40.121"	P2522	36	23° 5' 1.741"	82° 18' 40.487"
P2523	36	23° 5' 0.999"	82° 18' 40.950"	P2524	36	23° 5' 0.542"	82° 18' 41.250"
P2525	36	23° 5' 0.225"	82° 18' 41.515"	P2526	36	23° 5' 0.013"	82° 18' 41.689"
P2527	36	23° 4' 59.632"	82° 18' 41.974"	P2528	36	23° 4' 59.418"	82° 18' 42.118"
P2529	36	23° 4' 59.156"	82° 18' 42.259"	P2530	36	23° 4' 58.866"	82° 18' 42.361"
P2531	36	23° 4' 58.408"	82° 18' 42.448"	P2532	36	23° 4' 57.867"	82° 18' 42.479"
P2533	36	23° 4' 57.279"	82° 18' 42.462"	P2534	36	23° 4' 56.923"	82° 18' 42.443"
P2535	36	23° 4' 56.779"	82° 18' 42.411"	P2536	36	23° 4' 56.626"	82° 18' 42.359"
P2537	36	23° 4' 56.216"	82° 18' 42.180"	P2538	36	23° 4' 55.563"	82° 18' 41.855"
P2539	36	23° 4' 54.956"	82° 18' 41.439"	P2540	36	23° 4' 54.697"	82° 18' 41.226"
P2541	36	23° 4' 54.507"	82° 18' 41.106"	P2542	36	23° 4' 54.447"	82° 18' 41.077"
P2543	36	23° 4' 54.376"	82° 18' 41.065"	P2544	36	23° 4' 54.275"	82° 18' 41.052"
P2545	36	23° 4' 54.131"	82° 18' 41.069"	P2546	36	23° 4' 54.001"	82° 18' 41.094"
P2547	36	23° 4' 53.885"	82° 18' 41.150"	P2548	36	23° 4' 53.705"	82° 18' 41.263"
P2549	36	23° 4' 53.541"	82° 18' 41.391"	P2550	36	23° 4' 53.293"	82° 18' 41.654"
P2551	36	23° 4' 52.910"	82° 18' 42.216"	P2552	36	23° 4' 52.437"	82° 18' 42.867"
P2553	36	23° 4' 52.155"	82° 18' 43.251"	P2554	36	23° 4' 51.676"	82° 18' 44.018"
P2555	36	23° 4' 51.403"	82° 18' 44.489"	P2556	36	23° 4' 51.204"	82° 18' 44.779"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2557	36	23° 4' 50.970"	82° 18' 45.090"	P2558	36	23° 4' 50.648"	82° 18' 45.469"
P2559	36	23° 4' 50.267"	82° 18' 45.896"	P2560	36	23° 4' 49.854"	82° 18' 46.360"
P2561	36	23° 4' 49.349"	82° 18' 46.900"	P2562	36	23° 4' 48.960"	82° 18' 47.352"
P2563	36	23° 4' 48.335"	82° 18' 48.086"	P2564	36	23° 4' 48.071"	82° 18' 48.349"
P2565	37	23° 5' 54.934"	82° 17' 56.866"	P2566	37	23° 5' 55.374"	82° 17' 56.785"
P2567	37	23° 5' 56.359"	82° 17' 56.556"	P2568	37	23° 5' 56.904"	82° 17' 56.486"
P2569	37	23° 5' 57.229"	82° 17' 56.479"	P2570	37	23° 5' 57.350"	82° 17' 56.480"
P2571	37	23° 5' 57.486"	82° 17' 56.471"	P2572	37	23° 5' 57.838"	82° 17' 56.579"
P2573	37	23° 5' 57.926"	82° 17' 56.703"	P2574	37	23° 5' 58.019"	82° 17' 56.877"
P2575	37	23° 5' 58.107"	82° 17' 57.007"	P2576	37	23° 5' 58.388"	82° 17' 57.533"
P2577	37	23° 5' 58.567"	82° 17' 57.922"	P2578	37	23° 5' 58.712"	82° 17' 58.200"
P2579	37	23° 5' 58.756"	82° 17' 58.277"	P2580	37	23° 5' 59.186"	82° 17' 57.884"
P2581	37	23° 5' 59.197"	82° 17' 57.897"	P2582	38	23° 5' 42.973"	82° 17' 54.440"
P2583	38	23° 5' 43.371"	82° 17' 54.618"	P2584	38	23° 5' 44.455"	82° 17' 55.283"
P2585	38	23° 5' 45.573"	82° 17' 55.834"	P2586	38	23° 5' 45.688"	82° 17' 55.871"
P2587	38	23° 5' 32.519"	82° 17' 55.137"	P2588	38	23° 5' 32.684"	82° 17' 55.331"
P2589	38	23° 5' 32.756"	82° 17' 55.390"	P2590	38	23° 5' 32.827"	82° 17' 55.429"
P2591	38	23° 5' 32.934"	82° 17' 55.474"	P2592	38	23° 5' 33.061"	82° 17' 55.504"
P2593	38	23° 5' 33.202"	82° 17' 55.522"	P2594	38	23° 5' 33.285"	82° 17' 55.520"
P2595	38	23° 5' 33.403"	82° 17' 55.500"	P2596	38	23° 5' 33.553"	82° 17' 55.475"
P2597	38	23° 5' 33.686"	82° 17' 55.419"	P2598	38	23° 5' 33.835"	82° 17' 55.344"
P2599	38	23° 5' 34.581"	82° 17' 54.943"	P2600	38	23° 5' 34.631"	82° 17' 54.919"
P2601	39	23° 5' 53.476"	82° 17' 57.088"	P2602	39	23° 5' 53.576"	82° 17' 57.084"
P2603	39	23° 5' 54.129"	82° 17' 57.020"	P2604	39	23° 5' 54.814"	82° 17' 56.888"
P2605	39	23° 5' 54.934"	82° 17' 56.866"	P2606	39	23° 5' 34.631"	82° 17' 54.919"
P2607	39	23° 5' 35.313"	82° 17' 54.596"	P2608	39	23° 5' 35.797"	82° 17' 54.391"
P2609	39	23° 5' 36.125"	82° 17' 54.273"	P2610	39	23° 5' 36.535"	82° 17' 54.177"
P2611	39	23° 5' 36.994"	82° 17' 54.086"	P2612	39	23° 5' 37.855"	82° 17' 54.028"
P2613	39	23° 5' 40.234"	82° 17' 54.135"	P2614	39	23° 5' 41.274"	82° 17' 54.122"
P2615	39	23° 5' 41.807"	82° 17' 54.125"	P2616	39	23° 5' 42.166"	82° 17' 54.164"
P2617	39	23° 5' 42.570"	82° 17' 54.260"	P2618	39	23° 5' 42.973"	82° 17' 54.440"
P2619	39	23° 5' 32.124"	82° 17' 55.001"	P2620	39	23° 5' 32.499"	82° 17' 55.114"
P2621	39	23° 5' 32.519"	82° 17' 55.137"	P2622	39	23° 5' 27.545"	82° 17' 42.552"
P2623	39	23° 5' 27.917"	82° 17' 43.134"	P2624	39	23° 5' 28.584"	82° 17' 44.193"
P2625	39	23° 5' 29.123"	82° 17' 45.247"	P2626	39	23° 5' 29.554"	82° 17' 46.045"
P2627	39	23° 5' 30.027"	82° 17' 46.849"	P2628	39	23° 5' 30.429"	82° 17' 47.473"
P2629	39	23° 5' 30.852"	82° 17' 48.041"	P2630	39	23° 5' 31.393"	82° 17' 48.806"
P2631	39	23° 5' 31.601"	82° 17' 49.158"	P2632	39	23° 5' 31.694"	82° 17' 49.358"
P2633	39	23° 5' 31.753"	82° 17' 49.507"	P2634	39	23° 5' 31.835"	82° 17' 49.793"
P2635	39	23° 5' 31.923"	82° 17' 50.436"	P2636	39	23° 5' 31.957"	82° 17' 51.396"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2637	39	23° 5' 31.904"	82° 17' 52.472"	P2638	39	23° 5' 31.916"	82° 17' 52.986"
P2639	39	23° 5' 31.986"	82° 17' 53.591"	P2640	39	23° 5' 32.040"	82° 17' 54.047"
P2641	39	23° 5' 32.152"	82° 17' 54.711"	P2642	39	23° 5' 32.153"	82° 17' 54.807"
P2643	39	23° 5' 32.124"	82° 17' 55.001"	P2644	39	23° 5' 32.124"	82° 17' 55.001"
P2645	39	23° 5' 32.100"	82° 17' 55.065"	P2646	39	23° 5' 22.444"	82° 17' 36.200"
P2647	39	23° 5' 22.931"	82° 17' 36.634"	P2648	39	23° 5' 23.234"	82° 17' 36.893"
P2649	40	23° 2' 19.669"	82° 18' 29.312"	P2650	40	23° 2' 20.206"	82° 18' 30.517"
P2651	40	23° 2' 20.282"	82° 18' 30.781"	P2652	40	23° 2' 20.465"	82° 18' 31.209"
P2653	40	23° 2' 20.772"	82° 18' 31.895"	P2654	40	23° 2' 20.957"	82° 18' 32.291"
P2655	40	23° 2' 21.106"	82° 18' 32.615"	P2656	40	23° 2' 21.172"	82° 18' 32.763"
P2657	40	23° 2' 21.251"	82° 18' 32.942"	P2658	40	23° 2' 21.350"	82° 18' 33.164"
P2659	40	23° 2' 21.454"	82° 18' 33.400"	P2660	40	23° 2' 21.613"	82° 18' 33.758"
P2661	40	23° 2' 21.721"	82° 18' 34.020"	P2662	40	23° 2' 21.918"	82° 18' 34.490"
P2663	40	23° 2' 22.069"	82° 18' 34.830"	P2664	40	23° 2' 22.307"	82° 18' 35.371"
P2665	40	23° 2' 22.475"	82° 18' 35.758"	P2666	40	23° 2' 22.614"	82° 18' 36.058"
P2667	40	23° 2' 22.718"	82° 18' 36.265"	P2668	40	23° 2' 22.843"	82° 18' 36.525"
P2669	40	23° 2' 22.974"	82° 18' 36.772"	P2670	40	23° 2' 23.099"	82° 18' 36.995"
P2671	40	23° 2' 23.273"	82° 18' 37.288"	P2672	40	23° 2' 23.592"	82° 18' 37.799"
P2673	40	23° 2' 23.722"	82° 18' 38.004"	P2674	40	23° 2' 23.830"	82° 18' 38.167"
P2675	40	23° 2' 23.945"	82° 18' 38.353"	P2676	40	23° 2' 24.199"	82° 18' 38.748"
P2677	40	23° 2' 24.310"	82° 18' 38.919"	P2678	40	23° 2' 24.440"	82° 18' 39.119"
P2679	40	23° 2' 24.574"	82° 18' 39.320"	P2680	40	23° 2' 24.681"	82° 18' 39.468"
P2681	40	23° 2' 24.756"	82° 18' 39.573"	P2682	40	23° 2' 24.841"	82° 18' 39.691"
P2683	40	23° 2' 24.954"	82° 18' 39.836"	P2684	40	23° 2' 25.054"	82° 18' 39.963"
P2685	40	23° 2' 25.147"	82° 18' 40.095"	P2686	40	23° 2' 25.249"	82° 18' 40.223"
P2687	40	23° 2' 25.335"	82° 18' 40.321"	P2688	40	23° 2' 25.414"	82° 18' 40.403"
P2689	40	23° 2' 25.477"	82° 18' 40.469"	P2690	40	23° 2' 25.553"	82° 18' 40.540"
P2691	40	23° 2' 25.636"	82° 18' 40.614"	P2692	40	23° 2' 25.733"	82° 18' 40.699"
P2693	40	23° 2' 25.814"	82° 18' 40.765"	P2694	40	23° 2' 25.893"	82° 18' 40.825"
P2695	40	23° 2' 25.979"	82° 18' 40.890"	P2696	40	23° 2' 26.063"	82° 18' 40.948"
P2697	40	23° 2' 26.150"	82° 18' 41.001"	P2698	40	23° 2' 26.279"	82° 18' 41.080"
P2699	40	23° 2' 26.470"	82° 18' 41.193"	P2700	40	23° 2' 26.627"	82° 18' 41.282"
P2701	40	23° 2' 26.872"	82° 18' 41.423"	P2702	40	23° 2' 27.032"	82° 18' 41.508"
P2703	40	23° 2' 27.188"	82° 18' 41.587"	P2704	40	23° 2' 27.526"	82° 18' 41.749"
P2705	40	23° 2' 28.030"	82° 18' 41.985"	P2706	40	23° 2' 28.311"	82° 18' 42.114"
P2707	40	23° 2' 28.541"	82° 18' 42.226"	P2708	40	23° 2' 28.597"	82° 18' 42.251"
P2709	40	23° 2' 28.668"	82° 18' 42.282"	P2710	40	23° 2' 28.716"	82° 18' 42.304"
P2711	40	23° 2' 28.845"	82° 18' 42.364"	P2712	40	23° 2' 29.097"	82° 18' 42.478"
P2713	40	23° 2' 29.304"	82° 18' 42.570"	P2714	40	23° 2' 29.431"	82° 18' 42.624"
P2715	40	23° 2' 29.617"	82° 18' 42.710"	P2716	40	23° 2' 29.747"	82° 18' 42.763"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2717	40	23° 2' 29.942"	82° 18' 42.847"	P2718	40	23° 2' 30.101"	82° 18' 42.915"
P2719	40	23° 2' 30.324"	82° 18' 43.012"	P2720	40	23° 2' 30.575"	82° 18' 43.120"
P2721	40	23° 2' 30.771"	82° 18' 43.205"	P2722	40	23° 2' 30.972"	82° 18' 43.294"
P2723	40	23° 2' 31.222"	82° 18' 43.399"	P2724	40	23° 2' 31.469"	82° 18' 43.508"
P2725	40	23° 2' 31.605"	82° 18' 43.567"	P2726	40	23° 2' 31.893"	82° 18' 43.686"
P2727	40	23° 2' 32.056"	82° 18' 43.751"	P2728	40	23° 2' 32.350"	82° 18' 43.875"
P2729	40	23° 2' 32.510"	82° 18' 43.941"	P2730	40	23° 2' 32.797"	82° 18' 44.059"
P2731	40	23° 2' 32.957"	82° 18' 44.123"	P2732	40	23° 2' 33.243"	82° 18' 44.238"
P2733	40	23° 2' 33.337"	82° 18' 44.277"	P2734	40	23° 2' 33.704"	82° 18' 44.428"
P2735	40	23° 2' 33.925"	82° 18' 44.518"	P2736	40	23° 2' 34.112"	82° 18' 44.592"
P2737	40	23° 2' 35.095"	82° 18' 44.998"	P2738	40	23° 2' 35.344"	82° 18' 45.104"
P2739	40	23° 2' 35.592"	82° 18' 45.210"	P2740	40	23° 2' 36.239"	82° 18' 45.499"
P2741	40	23° 2' 36.466"	82° 18' 45.611"	P2742	40	23° 2' 36.623"	82° 18' 45.689"
P2743	40	23° 2' 36.936"	82° 18' 45.835"	P2744	40	23° 2' 37.221"	82° 18' 45.972"
P2745	40	23° 2' 37.566"	82° 18' 46.144"	P2746	40	23° 2' 38.020"	82° 18' 46.373"
P2747	40	23° 2' 38.355"	82° 18' 46.544"	P2748	40	23° 2' 38.555"	82° 18' 46.649"
P2749	40	23° 2' 39.162"	82° 18' 46.941"	P2750	40	23° 2' 39.509"	82° 18' 47.111"
P2751	40	23° 2' 39.754"	82° 18' 47.239"	P2752	40	23° 2' 39.966"	82° 18' 47.360"
P2753	40	23° 2' 40.142"	82° 18' 47.467"	P2754	40	23° 2' 40.303"	82° 18' 47.570"
P2755	40	23° 2' 40.764"	82° 18' 47.869"	P2756	40	23° 2' 41.231"	82° 18' 48.202"
P2757	40	23° 2' 41.672"	82° 18' 48.591"	P2758	40	23° 2' 41.821"	82° 18' 48.608"
P2759	40	23° 2' 42.030"	82° 18' 48.753"	P2760	40	23° 2' 42.105"	82° 18' 48.929"
P2761	40	23° 2' 42.542"	82° 18' 49.130"	P2762	40	23° 2' 43.156"	82° 18' 49.567"
P2763	40	23° 2' 43.200"	82° 18' 49.599"	P2764	41	23° 3' 4.747"	82° 19' 29.869"
P2765	41	23° 3' 4.734"	82° 19' 30.241"	P2766	41	23° 3' 4.734"	82° 19' 30.749"
P2767	41	23° 3' 4.737"	82° 19' 30.866"	P2768	41	23° 3' 4.753"	82° 19' 31.247"
P2769	41	23° 3' 4.762"	82° 19' 31.490"	P2770	41	23° 3' 4.772"	82° 19' 31.686"
P2771	41	23° 3' 4.789"	82° 19' 32.147"	P2772	41	23° 3' 4.802"	82° 19' 32.380"
P2773	41	23° 3' 4.823"	82° 19' 32.871"	P2774	41	23° 3' 4.835"	82° 19' 33.085"
P2775	41	23° 3' 4.855"	82° 19' 33.451"	P2776	41	23° 3' 4.876"	82° 19' 33.847"
P2777	41	23° 3' 4.897"	82° 19' 34.278"	P2778	41	23° 3' 4.916"	82° 19' 34.553"
P2779	41	23° 3' 4.923"	82° 19' 34.718"	P2780	41	23° 3' 4.952"	82° 19' 35.153"
P2781	41	23° 3' 4.977"	82° 19' 35.490"	P2782	41	23° 3' 5.012"	82° 19' 35.975"
P2783	41	23° 3' 5.041"	82° 19' 36.427"	P2784	41	23° 3' 5.081"	82° 19' 36.809"
P2785	41	23° 3' 5.113"	82° 19' 37.034"	P2786	41	23° 3' 5.134"	82° 19' 37.195"
P2787	41	23° 3' 5.153"	82° 19' 37.364"	P2788	41	23° 3' 5.193"	82° 19' 37.666"
P2789	41	23° 3' 5.213"	82° 19' 37.816"	P2790	41	23° 3' 5.236"	82° 19' 37.962"
P2791	41	23° 3' 5.282"	82° 19' 38.302"	P2792	41	23° 3' 5.310"	82° 19' 38.510"
P2793	41	23° 3' 5.338"	82° 19' 38.719"	P2794	41	23° 3' 5.374"	82° 19' 39.005"
P2795	41	23° 3' 5.398"	82° 19' 39.196"	P2796	41	23° 3' 5.448"	82° 19' 39.529"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2797	41	23° 3' 5.469"	82° 19' 39.698"	P2798	41	23° 3' 5.529"	82° 19' 40.179"
P2799	41	23° 3' 5.557"	82° 19' 40.400"	P2800	41	23° 3' 5.665"	82° 19' 41.228"
P2801	41	23° 3' 5.689"	82° 19' 41.475"	P2802	41	23° 3' 5.702"	82° 19' 41.602"
P2803	41	23° 3' 5.707"	82° 19' 41.699"	P2804	41	23° 3' 5.719"	82° 19' 41.883"
P2805	41	23° 3' 5.726"	82° 19' 42.046"	P2806	41	23° 3' 5.727"	82° 19' 42.113"
P2807	41	23° 3' 5.736"	82° 19' 42.290"	P2808	41	23° 3' 5.733"	82° 19' 42.482"
P2809	41	23° 3' 5.731"	82° 19' 42.694"	P2810	41	23° 3' 5.734"	82° 19' 43.072"
P2811	41	23° 3' 5.732"	82° 19' 43.305"	P2812	41	23° 3' 5.728"	82° 19' 43.487"
P2813	41	23° 3' 5.725"	82° 19' 43.657"	P2814	41	23° 3' 5.723"	82° 19' 43.997"
P2815	41	23° 3' 5.719"	82° 19' 44.160"	P2816	41	23° 3' 5.718"	82° 19' 44.487"
P2817	41	23° 3' 5.719"	82° 19' 44.714"	P2818	41	23° 3' 5.713"	82° 19' 44.894"
P2819	41	23° 3' 5.708"	82° 19' 45.125"	P2820	41	23° 3' 5.700"	82° 19' 45.538"
P2821	41	23° 3' 5.685"	82° 19' 45.846"	P2822	41	23° 3' 5.679"	82° 19' 45.972"
P2823	41	23° 3' 5.675"	82° 19' 46.038"	P2824	41	23° 3' 5.669"	82° 19' 46.080"
P2825	41	23° 3' 5.660"	82° 19' 46.175"	P2826	41	23° 3' 5.633"	82° 19' 46.338"
P2827	41	23° 3' 5.613"	82° 19' 46.441"	P2828	41	23° 3' 5.588"	82° 19' 46.555"
P2829	41	23° 3' 5.570"	82° 19' 46.626"	P2830	41	23° 3' 5.510"	82° 19' 46.853"
P2831	41	23° 3' 5.466"	82° 19' 47.029"	P2832	41	23° 3' 5.450"	82° 19' 47.072"
P2833	41	23° 3' 5.413"	82° 19' 47.164"	P2834	41	23° 3' 5.378"	82° 19' 47.262"
P2835	41	23° 3' 5.350"	82° 19' 47.343"	P2836	41	23° 3' 5.289"	82° 19' 47.484"
P2837	41	23° 3' 5.241"	82° 19' 47.602"	P2838	41	23° 3' 5.165"	82° 19' 47.780"
P2839	41	23° 3' 5.048"	82° 19' 48.053"	P2840	41	23° 3' 4.965"	82° 19' 48.236"
P2841	41	23° 3' 4.837"	82° 19' 48.531"	P2842	41	23° 3' 4.671"	82° 19' 48.902"
P2843	41	23° 3' 4.515"	82° 19' 49.235"	P2844	41	23° 3' 4.396"	82° 19' 49.514"
P2845	41	23° 3' 4.302"	82° 19' 49.747"	P2846	41	23° 3' 4.153"	82° 19' 50.143"
P2847	41	23° 3' 4.099"	82° 19' 50.282"	P2848	41	23° 3' 4.078"	82° 19' 50.352"
P2849	41	23° 3' 4.040"	82° 19' 50.480"	P2850	41	23° 3' 3.997"	82° 19' 50.624"
P2851	41	23° 3' 3.958"	82° 19' 50.771"	P2852	41	23° 3' 3.897"	82° 19' 51.053"
P2853	41	23° 3' 3.870"	82° 19' 51.212"	P2854	41	23° 3' 3.816"	82° 19' 51.566"
P2855	41	23° 3' 3.797"	82° 19' 51.739"	P2856	41	23° 3' 3.771"	82° 19' 52.018"
P2857	41	23° 3' 3.758"	82° 19' 52.243"	P2858	41	23° 3' 3.733"	82° 19' 52.638"
P2859	41	23° 3' 3.712"	82° 19' 53.128"	P2860	41	23° 3' 3.686"	82° 19' 53.712"
P2861	41	23° 3' 3.686"	82° 19' 54.043"	P2862	41	23° 3' 3.691"	82° 19' 54.234"
P2863	41	23° 3' 3.697"	82° 19' 54.401"	P2864	41	23° 3' 3.697"	82° 19' 54.669"
P2865	41	23° 3' 3.706"	82° 19' 54.851"	P2866	41	23° 3' 3.714"	82° 19' 55.029"
P2867	41	23° 3' 3.730"	82° 19' 55.261"	P2868	41	23° 3' 3.742"	82° 19' 55.461"
P2869	41	23° 3' 3.751"	82° 19' 55.606"	P2870	41	23° 3' 3.786"	82° 19' 56.073"
P2871	41	23° 3' 3.803"	82° 19' 56.250"	P2872	41	23° 3' 3.814"	82° 19' 56.383"
P2873	41	23° 3' 3.831"	82° 19' 56.555"	P2874	41	23° 3' 3.846"	82° 19' 56.719"
P2875	41	23° 3' 3.865"	82° 19' 56.958"	P2876	41	23° 3' 3.887"	82° 19' 57.189"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2877	41	23° 3' 3.907"	82° 19' 57.413"	P2878	41	23° 3' 3.930"	82° 19' 57.642"
P2879	41	23° 3' 3.955"	82° 19' 57.951"	P2880	41	23° 3' 3.971"	82° 19' 58.127"
P2881	41	23° 3' 3.994"	82° 19' 58.355"	P2882	41	23° 3' 4.002"	82° 19' 58.406"
P2883	41	23° 3' 4.008"	82° 19' 58.481"	P2884	41	23° 3' 4.015"	82° 19' 58.574"
P2885	41	23° 3' 4.025"	82° 19' 58.655"	P2886	41	23° 3' 4.036"	82° 19' 58.775"
P2887	41	23° 3' 4.046"	82° 19' 58.897"	P2888	41	23° 3' 4.058"	82° 19' 59.011"
P2889	41	23° 3' 4.067"	82° 19' 59.113"	P2890	41	23° 3' 4.089"	82° 19' 59.320"
P2891	41	23° 3' 4.097"	82° 19' 59.391"	P2892	41	23° 3' 4.112"	82° 19' 59.548"
P2893	41	23° 3' 4.123"	82° 19' 59.627"	P2894	41	23° 3' 4.138"	82° 19' 59.741"
P2895	41	23° 3' 4.157"	82° 19' 59.914"	P2896	41	23° 3' 4.173"	82° 20' 0.075"
P2897	41	23° 3' 4.194"	82° 20' 0.291"	P2898	41	23° 3' 4.211"	82° 20' 0.455"
P2899	41	23° 3' 4.225"	82° 20' 0.593"	P2900	42	23° 2' 57.997"	82° 16' 46.029"
P2901	42	23° 2' 58.043"	82° 16' 45.218"	P2902	42	23° 2' 58.039"	82° 16' 44.636"
P2903	42	23° 2' 57.927"	82° 16' 43.935"	P2904	42	23° 2' 57.766"	82° 16' 43.299"
P2905	42	23° 2' 57.542"	82° 16' 42.831"	P2906	42	23° 2' 57.309"	82° 16' 42.303"
P2907	42	23° 2' 57.087"	82° 16' 41.667"	P2908	42	23° 2' 57.016"	82° 16' 41.182"
P2909	42	23° 2' 57.020"	82° 16' 40.944"	P2910	42	23° 2' 57.039"	82° 16' 40.788"
P2911	42	23° 2' 57.116"	82° 16' 40.585"	P2912	42	23° 2' 57.201"	82° 16' 40.425"
P2913	42	23° 2' 57.340"	82° 16' 40.233"	P2914	42	23° 2' 57.533"	82° 16' 40.022"
P2915	42	23° 2' 57.703"	82° 16' 39.851"	P2916	42	23° 2' 58.088"	82° 16' 39.383"
P2917	42	23° 2' 58.266"	82° 16' 39.128"	P2918	42	23° 2' 58.405"	82° 16' 38.894"
P2919	42	23° 2' 58.557"	82° 16' 38.582"	P2920	42	23° 2' 58.912"	82° 16' 37.815"
P2921	42	23° 2' 59.195"	82° 16' 37.251"	P2922	42	23° 2' 59.375"	82° 16' 36.703"
P2923	42	23° 2' 59.440"	82° 16' 36.274"	P2924	42	23° 2' 59.420"	82° 16' 35.886"
P2925	42	23° 2' 59.369"	82° 16' 35.626"	P2926	42	23° 2' 59.308"	82° 16' 35.467"
P2927	42	23° 2' 59.252"	82° 16' 35.279"	P2928	42	23° 2' 59.063"	82° 16' 34.907"
P2929	42	23° 2' 58.909"	82° 16' 34.531"	P2930	42	23° 2' 58.796"	82° 16' 34.114"
P2931	42	23° 2' 58.764"	82° 16' 33.708"	P2932	42	23° 2' 58.794"	82° 16' 33.443"
P2933	42	23° 2' 58.867"	82° 16' 33.143"	P2934	42	23° 2' 58.918"	82° 16' 32.894"
P2935	42	23° 2' 59.107"	82° 16' 32.204"	P2936	42	23° 2' 59.341"	82° 16' 31.372"
P2937	42	23° 2' 59.435"	82° 16' 31.110"	P2938	42	23° 2' 59.623"	82° 16' 30.491"
P2939	42	23° 2' 59.810"	82° 16' 29.697"	P2940	42	23° 2' 59.991"	82° 16' 28.874"
P2941	42	23° 3' 0.137"	82° 16' 28.395"	P2942	42	23° 3' 0.341"	82° 16' 27.972"
P2943	42	23° 3' 0.558"	82° 16' 27.590"	P2944	42	23° 3' 0.698"	82° 16' 27.427"
P2945	42	23° 3' 0.778"	82° 16' 27.322"	P2946	42	23° 3' 1.057"	82° 16' 27.062"
P2947	42	23° 3' 1.083"	82° 16' 27.045"	P2948	42	23° 2' 55.538"	82° 17' 18.487"
P2949	42	23° 2' 55.359"	82° 17' 18.020"	P2950	42	23° 2' 55.125"	82° 17' 17.376"
P2951	42	23° 2' 54.969"	82° 17' 16.989"	P2952	42	23° 2' 54.808"	82° 17' 16.402"
P2953	42	23° 2' 54.718"	82° 17' 16.032"	P2954	42	23° 2' 54.662"	82° 17' 15.622"
P2955	42	23° 2' 54.562"	82° 17' 14.727"	P2956	42	23° 2' 54.477"	82° 17' 13.625"

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Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P2957	42	23° 2' 54.454"	82° 17' 12.776"	P2958	42	23° 2' 54.439"	82° 17' 11.914"
P2959	42	23° 2' 54.422"	82° 17' 11.435"	P2960	42	23° 2' 54.439"	82° 17' 11.175"
P2961	42	23° 2' 54.592"	82° 17' 10.228"	P2962	42	23° 2' 54.743"	82° 17' 9.402"
P2963	42	23° 2' 54.918"	82° 17' 8.498"	P2964	42	23° 2' 55.202"	82° 17' 7.547"
P2965	42	23° 2' 55.520"	82° 17' 6.444"	P2966	42	23° 2' 55.778"	82° 17' 5.195"
P2967	42	23° 2' 56.019"	82° 17' 3.866"	P2968	42	23° 2' 56.151"	82° 17' 2.891"
P2969	42	23° 2' 56.245"	82° 17' 2.225"	P2970	42	23° 2' 56.266"	82° 17' 0.793"
P2971	42	23° 2' 56.272"	82° 16' 59.885"	P2972	42	23° 2' 56.278"	82° 16' 58.458"
P2973	42	23° 2' 56.358"	82° 16' 57.077"	P2974	42	23° 2' 56.513"	82° 16' 56.163"
P2975	42	23° 2' 56.686"	82° 16' 55.331"	P2976	42	23° 2' 56.759"	82° 16' 54.941"
P2977	42	23° 2' 56.852"	82° 16' 53.923"	P2978	42	23° 2' 56.912"	82° 16' 52.662"
P2979	42	23° 2' 56.983"	82° 16' 51.570"	P2980	42	23° 2' 57.035"	82° 16' 50.641"
P2981	42	23° 2' 57.133"	82° 16' 49.998"	P2982	42	23° 2' 57.440"	82° 16' 48.809"
P2983	42	23° 2' 57.824"	82° 16' 47.062"	P2984	42	23° 2' 57.962"	82° 16' 46.402"
P2985	43	23° 2' 36.372"	82° 17' 52.028"	P2986	43	23° 2' 36.859"	82° 17' 51.590"
P2987	43	23° 2' 37.231"	82° 17' 51.298"	P2988	43	23° 2' 37.850"	82° 17' 50.835"
P2989	43	23° 2' 38.404"	82° 17' 50.393"	P2990	43	23° 2' 38.741"	82° 17' 50.084"
P2991	43	23° 2' 38.880"	82° 17' 49.928"	P2992	43	23° 2' 39.108"	82° 17' 49.643"
P2993	43	23° 2' 39.273"	82° 17' 49.360"	P2994	43	23° 2' 39.553"	82° 17' 48.812"
P2995	43	23° 2' 39.745"	82° 17' 48.300"	P2996	43	23° 2' 39.974"	82° 17' 47.595"
P2997	43	23° 2' 40.152"	82° 17' 47.046"	P2998	43	23° 2' 40.305"	82° 17' 46.752"
P2999	43	23° 2' 40.467"	82° 17' 46.530"	P3000	43	23° 2' 40.639"	82° 17' 46.351"
P3001	43	23° 2' 41.025"	82° 17' 45.957"	P3002	43	23° 2' 41.314"	82° 17' 45.560"
P3003	43	23° 2' 41.512"	82° 17' 45.205"	P3004	43	23° 2' 41.628"	82° 17' 44.948"
P3005	43	23° 2' 41.677"	82° 17' 44.789"	P3006	43	23° 2' 41.728"	82° 17' 44.581"
P3007	43	23° 2' 41.800"	82° 17' 44.247"	P3008	43	23° 2' 41.879"	82° 17' 43.872"
P3009	43	23° 2' 41.930"	82° 17' 43.598"	P3010	43	23° 2' 41.994"	82° 17' 43.396"
P3011	43	23° 2' 42.105"	82° 17' 43.132"	P3012	43	23° 2' 42.207"	82° 17' 42.916"
P3013	43	23° 2' 42.559"	82° 17' 42.272"	P3014	43	23° 2' 42.739"	82° 17' 41.916"
P3015	43	23° 2' 42.986"	82° 17' 41.554"	P3016	43	23° 2' 43.185"	82° 17' 41.260"
P3017	43	23° 2' 43.325"	82° 17' 41.085"	P3018	43	23° 2' 43.768"	82° 17' 40.511"
P3019	43	23° 2' 44.239"	82° 17' 39.921"	P3020	43	23° 2' 44.495"	82° 17' 39.549"
P3021	43	23° 2' 44.758"	82° 17' 39.085"	P3022	43	23° 2' 45.046"	82° 17' 38.638"
P3023	43	23° 2' 45.315"	82° 17' 38.289"	P3024	43	23° 2' 45.504"	82° 17' 38.074"
P3025	43	23° 2' 45.701"	82° 17' 37.869"	P3026	43	23° 2' 46.018"	82° 17' 37.549"
P3027	43	23° 2' 46.292"	82° 17' 37.241"	P3028	43	23° 2' 46.329"	82° 17' 37.198"
P3029	43	23° 2' 46.517"	82° 17' 36.920"	P3030	43	23° 2' 46.603"	82° 17' 36.777"
P3031	43	23° 2' 46.967"	82° 17' 36.055"	P3032	43	23° 2' 47.282"	82° 17' 35.445"
P3033	43	23° 2' 47.425"	82° 17' 35.172"	P3034	43	23° 2' 47.597"	82° 17' 34.866"
P3035	43	23° 2' 47.780"	82° 17' 34.573"	P3036	43	23° 2' 47.880"	82° 17' 34.461"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3037	43	23° 2' 48.025"	82° 17' 34.328"	P3038	43	23° 2' 48.109"	82° 17' 34.269"
P3039	43	23° 2' 48.249"	82° 17' 34.200"	P3040	43	23° 2' 48.484"	82° 17' 34.121"
P3041	43	23° 2' 48.732"	82° 17' 34.034"	P3042	43	23° 2' 48.895"	82° 17' 33.960"
P3043	43	23° 2' 49.081"	82° 17' 33.847"	P3044	43	23° 2' 49.201"	82° 17' 33.734"
P3045	43	23° 2' 49.339"	82° 17' 33.547"	P3046	43	23° 2' 49.438"	82° 17' 33.355"
P3047	43	23° 2' 49.597"	82° 17' 33.020"	P3048	43	23° 2' 49.809"	82° 17' 32.580"
P3049	43	23° 2' 49.957"	82° 17' 32.195"	P3050	43	23° 2' 50.056"	82° 17' 31.871"
P3051	43	23° 2' 50.169"	82° 17' 31.413"	P3052	43	23° 2' 50.240"	82° 17' 31.098"
P3053	43	23° 2' 50.370"	82° 17' 30.721"	P3054	43	23° 2' 50.520"	82° 17' 30.401"
P3055	43	23° 2' 50.586"	82° 17' 30.288"	P3056	43	23° 2' 50.775"	82° 17' 30.045"
P3057	43	23° 2' 51.365"	82° 17' 29.364"	P3058	43	23° 2' 51.985"	82° 17' 28.506"
P3059	43	23° 2' 52.741"	82° 17' 27.316"	P3060	43	23° 2' 53.140"	82° 17' 26.669"
P3061	43	23° 2' 53.476"	82° 17' 26.148"	P3062	43	23° 2' 53.571"	82° 17' 25.962"
P3063	43	23° 2' 53.651"	82° 17' 25.756"	P3064	43	23° 2' 53.672"	82° 17' 25.613"
P3065	43	23° 2' 53.682"	82° 17' 25.451"	P3066	43	23° 2' 53.691"	82° 17' 24.976"
P3067	43	23° 2' 53.665"	82° 17' 24.523"	P3068	43	23° 2' 53.618"	82° 17' 23.855"
P3069	43	23° 2' 53.584"	82° 17' 23.548"	P3070	43	23° 2' 53.568"	82° 17' 23.334"
P3071	43	23° 2' 53.584"	82° 17' 23.059"	P3072	43	23° 2' 53.659"	82° 17' 22.824"
P3073	43	23° 2' 53.745"	82° 17' 22.595"	P3074	43	23° 2' 53.861"	82° 17' 22.483"
P3075	43	23° 2' 54.019"	82° 17' 22.322"	P3076	43	23° 2' 54.228"	82° 17' 22.204"
P3077	43	23° 2' 54.529"	82° 17' 22.085"	P3078	43	23° 2' 55.271"	82° 17' 21.814"
P3079	43	23° 2' 55.666"	82° 17' 21.656"	P3080	43	23° 2' 56.024"	82° 17' 21.441"
P3081	43	23° 2' 56.152"	82° 17' 21.332"	P3082	43	23° 2' 56.225"	82° 17' 21.227"
P3083	43	23° 2' 56.281"	82° 17' 21.101"	P3084	43	23° 2' 56.298"	82° 17' 21.021"
P3085	43	23° 2' 56.318"	82° 17' 20.875"	P3086	43	23° 2' 56.312"	82° 17' 20.729"
P3087	43	23° 2' 56.296"	82° 17' 20.612"	P3088	43	23° 2' 56.260"	82° 17' 20.479"
P3089	43	23° 2' 56.142"	82° 17' 20.143"	P3090	43	23° 2' 55.748"	82° 17' 19.035"
P3091	43	23° 2' 55.550"	82° 17' 18.520"	P3092	44	23° 3' 8.431"	82° 15' 6.535"
P3093	44	23° 3' 8.324"	82° 15' 6.524"	P3094	44	23° 3' 8.152"	82° 15' 6.466"
P3095	44	23° 3' 7.897"	82° 15' 6.395"	P3096	44	23° 3' 7.824"	82° 15' 6.385"
P3097	44	23° 3' 7.725"	82° 15' 6.391"	P3098	44	23° 3' 7.642"	82° 15' 6.397"
P3099	44	23° 3' 7.592"	82° 15' 6.393"	P3100	44	23° 3' 7.430"	82° 15' 6.249"
P3101	44	23° 3' 7.417"	82° 15' 6.203"	P3102	44	23° 3' 7.727"	82° 15' 5.579"
P3103	44	23° 3' 7.901"	82° 15' 5.216"	P3104	44	23° 3' 7.927"	82° 15' 5.073"
P3105	44	23° 3' 7.969"	82° 15' 4.879"	P3106	44	23° 3' 7.977"	82° 15' 4.719"
P3107	44	23° 3' 7.973"	82° 15' 4.399"	P3108	44	23° 3' 7.980"	82° 15' 4.168"
P3109	44	23° 3' 7.934"	82° 15' 3.647"	P3110	44	23° 3' 7.888"	82° 15' 3.326"
P3111	44	23° 3' 7.769"	82° 15' 2.953"	P3112	44	23° 3' 7.505"	82° 15' 2.300"
P3113	44	23° 3' 7.175"	82° 15' 1.457"	P3114	44	23° 3' 6.798"	82° 15' 0.372"
P3115	44	23° 3' 6.467"	82° 14' 59.434"	P3116	44	23° 3' 6.281"	82° 14' 58.865"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3117	44	23° 3' 6.184"	82° 14' 58.265"	P3118	44	23° 3' 6.173"	82° 14' 57.868"
P3119	44	23° 3' 6.202"	82° 14' 56.785"	P3120	44	23° 3' 6.153"	82° 14' 56.301"
P3121	44	23° 3' 6.094"	82° 14' 55.989"	P3122	44	23° 3' 5.887"	82° 14' 55.365"
P3123	44	23° 3' 5.615"	82° 14' 54.574"	P3124	44	23° 3' 5.371"	82° 14' 53.952"
P3125	44	23° 3' 5.086"	82° 14' 53.367"	P3126	44	23° 3' 4.801"	82° 14' 52.849"
P3127	44	23° 3' 4.509"	82° 14' 52.357"	P3128	44	23° 3' 4.330"	82° 14' 52.064"
P3129	44	23° 3' 4.122"	82° 14' 51.682"	P3130	44	23° 3' 3.997"	82° 14' 51.417"
P3131	44	23° 3' 3.873"	82° 14' 50.993"	P3132	44	23° 3' 3.719"	82° 14' 50.468"
P3133	44	23° 3' 3.669"	82° 14' 50.306"	P3134	44	23° 3' 3.417"	82° 14' 49.604"
P3135	44	23° 3' 3.342"	82° 14' 49.302"	P3136	44	23° 3' 3.251"	82° 14' 48.878"
P3137	44	23° 3' 3.217"	82° 14' 48.698"	P3138	45	22° 59' 44.366"	82° 16' 28.157"
P3139	45	22° 59' 44.132"	82° 16' 28.142"	P3140	45	22° 59' 43.388"	82° 16' 28.108"
P3141	45	22° 59' 42.890"	82° 16' 28.093"	P3142	45	22° 59' 42.760"	82° 16' 28.093"
P3143	45	22° 59' 42.543"	82° 16' 28.094"	P3144	45	22° 59' 42.317"	82° 16' 28.091"
P3145	45	22° 59' 42.204"	82° 16' 28.100"	P3146	45	22° 59' 41.991"	82° 16' 28.133"
P3147	45	22° 59' 41.728"	82° 16' 28.188"	P3148	45	22° 59' 41.572"	82° 16' 28.226"
P3149	45	22° 59' 41.425"	82° 16' 28.277"	P3150	45	22° 59' 41.225"	82° 16' 28.376"
P3151	45	22° 59' 41.059"	82° 16' 28.478"	P3152	45	22° 59' 40.944"	82° 16' 28.555"
P3153	45	22° 59' 40.809"	82° 16' 28.657"	P3154	45	22° 59' 40.671"	82° 16' 28.763"
P3155	45	22° 59' 40.537"	82° 16' 28.852"	P3156	45	22° 59' 40.427"	82° 16' 28.921"
P3157	45	22° 59' 40.365"	82° 16' 28.960"	P3158	45	22° 59' 40.312"	82° 16' 28.990"
P3159	45	22° 59' 40.284"	82° 16' 29.002"	P3160	45	22° 59' 40.245"	82° 16' 29.017"
P3161	45	22° 59' 40.144"	82° 16' 29.043"	P3162	45	22° 59' 39.984"	82° 16' 29.076"
P3163	45	22° 59' 39.926"	82° 16' 29.085"	P3164	45	22° 59' 39.812"	82° 16' 29.094"
P3165	45	22° 59' 39.749"	82° 16' 29.095"	P3166	45	22° 59' 39.622"	82° 16' 29.094"
P3167	45	22° 59' 39.549"	82° 16' 29.088"	P3168	45	22° 59' 39.336"	82° 16' 29.068"
P3169	45	22° 59' 39.275"	82° 16' 29.059"	P3170	45	22° 59' 39.169"	82° 16' 29.034"
P3171	45	22° 59' 39.082"	82° 16' 29.010"	P3172	45	22° 59' 38.823"	82° 16' 28.938"
P3173	45	22° 59' 38.651"	82° 16' 28.888"	P3174	45	22° 59' 38.552"	82° 16' 28.853"
P3175	45	22° 59' 38.500"	82° 16' 28.833"	P3176	45	22° 59' 38.402"	82° 16' 28.797"
P3177	45	22° 59' 38.330"	82° 16' 28.773"	P3178	45	22° 59' 38.267"	82° 16' 28.760"
P3179	45	22° 59' 38.180"	82° 16' 28.745"	P3180	45	22° 59' 38.060"	82° 16' 28.737"
P3181	45	22° 59' 37.924"	82° 16' 28.737"	P3182	45	22° 59' 37.842"	82° 16' 28.744"
P3183	45	22° 59' 37.755"	82° 16' 28.758"	P3184	45	22° 59' 37.642"	82° 16' 28.788"
P3185	45	22° 59' 37.564"	82° 16' 28.819"	P3186	45	22° 59' 37.451"	82° 16' 28.877"
P3187	45	22° 59' 37.276"	82° 16' 29.000"	P3188	45	22° 59' 37.103"	82° 16' 29.148"
P3189	45	22° 59' 36.762"	82° 16' 29.449"	P3190	45	22° 59' 36.282"	82° 16' 29.875"
P3191	45	22° 59' 36.024"	82° 16' 30.103"	P3192	45	22° 59' 35.741"	82° 16' 30.365"
P3193	45	22° 59' 35.311"	82° 16' 30.786"	P3194	45	22° 59' 34.970"	82° 16' 31.131"
P3195	45	22° 59' 34.638"	82° 16' 31.472"	P3196	45	22° 59' 34.218"	82° 16' 31.926"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3197	45	22° 59' 33.819"	82° 16' 32.364"	P3198	45	22° 59' 33.571"	82° 16' 32.614"
P3199	45	22° 59' 33.394"	82° 16' 32.780"	P3200	45	22° 59' 33.139"	82° 16' 33.019"
P3201	45	22° 59' 32.961"	82° 16' 33.180"	P3202	45	22° 59' 32.688"	82° 16' 33.410"
P3203	45	22° 59' 32.448"	82° 16' 33.608"	P3204	45	22° 59' 31.935"	82° 16' 34.025"
P3205	45	22° 59' 31.358"	82° 16' 34.479"	P3206	45	22° 59' 30.809"	82° 16' 34.956"
P3207	45	22° 59' 30.563"	82° 16' 35.191"	P3208	45	22° 59' 30.397"	82° 16' 35.369"
P3209	45	22° 59' 30.228"	82° 16' 35.552"	P3210	45	22° 59' 29.876"	82° 16' 35.991"
P3211	45	22° 59' 29.517"	82° 16' 36.436"	P3212	45	22° 59' 29.325"	82° 16' 36.682"
P3213	45	22° 59' 28.942"	82° 16' 37.205"	P3214	45	22° 59' 28.910"	82° 16' 37.257"
P3215	46	23° 0' 48.232"	82° 16' 51.053"	P3216	46	23° 0' 48.195"	82° 16' 51.022"
P3217	46	23° 0' 48.166"	82° 16' 50.998"	P3218	46	23° 0' 39.008"	82° 16' 37.543"
P3219	46	23° 0' 38.951"	82° 16' 37.492"	P3220	46	23° 0' 38.489"	82° 16' 37.234"
P3221	46	23° 0' 38.331"	82° 16' 37.176"	P3222	46	23° 0' 38.190"	82° 16' 37.114"
P3223	46	23° 0' 38.036"	82° 16' 37.013"	P3224	46	23° 0' 37.891"	82° 16' 36.925"
P3225	46	23° 0' 37.744"	82° 16' 36.840"	P3226	46	23° 0' 37.518"	82° 16' 36.716"
P3227	46	23° 0' 37.291"	82° 16' 36.603"	P3228	46	23° 0' 37.061"	82° 16' 36.497"
P3229	46	23° 0' 36.868"	82° 16' 36.417"	P3230	46	23° 0' 36.706"	82° 16' 36.351"
P3231	46	23° 0' 36.553"	82° 16' 36.301"	P3232	46	23° 0' 36.418"	82° 16' 36.264"
P3233	46	23° 0' 36.277"	82° 16' 36.231"	P3234	46	23° 0' 36.204"	82° 16' 36.216"
P3235	46	23° 0' 36.152"	82° 16' 36.208"	P3236	46	23° 0' 36.037"	82° 16' 36.193"
P3237	46	23° 0' 35.883"	82° 16' 36.185"	P3238	46	23° 0' 35.750"	82° 16' 36.179"
P3239	46	23° 0' 35.604"	82° 16' 36.181"	P3240	46	23° 0' 35.429"	82° 16' 36.190"
P3241	46	23° 0' 35.293"	82° 16' 36.198"	P3242	46	23° 0' 35.178"	82° 16' 36.207"
P3243	46	23° 0' 34.864"	82° 16' 36.242"	P3244	46	23° 0' 34.509"	82° 16' 36.283"
P3245	46	23° 0' 34.159"	82° 16' 36.329"	P3246	46	23° 0' 33.989"	82° 16' 36.358"
P3247	46	23° 0' 33.838"	82° 16' 36.392"	P3248	46	23° 0' 33.729"	82° 16' 36.422"
P3249	46	23° 0' 33.618"	82° 16' 36.459"	P3250	46	23° 0' 33.513"	82° 16' 36.498"
P3251	46	23° 0' 33.385"	82° 16' 36.554"	P3252	46	23° 0' 33.283"	82° 16' 36.611"
P3253	46	23° 0' 33.060"	82° 16' 36.761"	P3254	46	23° 0' 32.899"	82° 16' 36.883"
P3255	46	23° 0' 32.720"	82° 16' 37.038"	P3256	46	23° 0' 32.546"	82° 16' 37.198"
P3257	46	23° 0' 32.324"	82° 16' 37.412"	P3258	46	23° 0' 32.120"	82° 16' 37.625"
P3259	46	23° 0' 32.017"	82° 16' 37.734"	P3260	46	23° 0' 31.779"	82° 16' 37.982"
P3261	46	23° 0' 31.514"	82° 16' 38.268"	P3262	46	23° 0' 31.253"	82° 16' 38.548"
P3263	46	23° 0' 30.957"	82° 16' 38.862"	P3264	46	23° 0' 30.709"	82° 16' 39.131"
P3265	46	23° 0' 30.420"	82° 16' 39.448"	P3266	46	23° 0' 30.206"	82° 16' 39.682"
P3267	46	23° 0' 29.942"	82° 16' 39.980"	P3268	46	23° 0' 29.696"	82° 16' 40.242"
P3269	46	23° 0' 29.369"	82° 16' 40.595"	P3270	46	23° 0' 29.009"	82° 16' 40.986"
P3271	46	23° 0' 28.622"	82° 16' 41.419"	P3272	46	23° 0' 28.385"	82° 16' 41.682"
P3273	46	23° 0' 28.045"	82° 16' 42.084"	P3274	46	23° 0' 27.788"	82° 16' 42.389"
P3275	46	23° 0' 27.437"	82° 16' 42.786"	P3276	46	23° 0' 27.300"	82° 16' 42.935"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3277	46	23° 0' 27.159"	82° 16' 43.071"	P3278	46	23° 0' 27.067"	82° 16' 43.160"
P3279	46	23° 0' 26.974"	82° 16' 43.236"	P3280	46	23° 0' 26.883"	82° 16' 43.306"
P3281	46	23° 0' 26.814"	82° 16' 43.357"	P3282	46	23° 0' 26.695"	82° 16' 43.437"
P3283	46	23° 0' 26.571"	82° 16' 43.518"	P3284	46	23° 0' 26.495"	82° 16' 43.562"
P3285	46	23° 0' 26.380"	82° 16' 43.623"	P3286	46	23° 0' 26.289"	82° 16' 43.664"
P3287	46	23° 0' 26.214"	82° 16' 43.698"	P3288	46	23° 0' 26.166"	82° 16' 43.715"
P3289	46	23° 0' 26.099"	82° 16' 43.736"	P3290	46	23° 0' 25.940"	82° 16' 43.766"
P3291	46	23° 0' 25.833"	82° 16' 43.786"	P3292	46	23° 0' 25.715"	82° 16' 43.799"
P3293	46	23° 0' 25.560"	82° 16' 43.809"	P3294	46	23° 0' 25.448"	82° 16' 43.804"
P3295	46	23° 0' 25.295"	82° 16' 43.785"	P3296	46	23° 0' 25.229"	82° 16' 43.775"
P3297	46	23° 0' 25.149"	82° 16' 43.760"	P3298	46	23° 0' 25.055"	82° 16' 43.733"
P3299	46	23° 0' 24.981"	82° 16' 43.709"	P3300	46	23° 0' 24.880"	82° 16' 43.672"
P3301	46	23° 0' 24.418"	82° 16' 43.485"	P3302	46	23° 0' 24.254"	82° 16' 43.422"
P3303	46	23° 0' 24.129"	82° 16' 43.380"	P3304	46	23° 0' 24.045"	82° 16' 43.357"
P3305	47	23° 0' 48.166"	82° 16' 50.998"	P3306	47	23° 0' 48.232"	82° 16' 51.053"
P3307	47	23° 0' 30.448"	82° 16' 19.575"	P3308	47	23° 0' 30.467"	82° 16' 19.720"
P3309	47	23° 0' 30.487"	82° 16' 19.861"	P3310	47	23° 0' 30.515"	82° 16' 20.043"
P3311	47	23° 0' 30.535"	82° 16' 20.212"	P3312	47	23° 0' 30.554"	82° 16' 20.369"
P3313	47	23° 0' 30.574"	82° 16' 20.495"	P3314	47	23° 0' 30.594"	82° 16' 20.653"
P3315	47	23° 0' 30.609"	82° 16' 20.733"	P3316	47	23° 0' 30.633"	82° 16' 20.873"
P3317	47	23° 0' 30.645"	82° 16' 20.969"	P3318	47	23° 0' 30.658"	82° 16' 21.041"
P3319	47	23° 0' 30.691"	82° 16' 21.177"	P3320	47	23° 0' 30.719"	82° 16' 21.286"
P3321	47	23° 0' 30.752"	82° 16' 21.398"	P3322	47	23° 0' 30.786"	82° 16' 21.506"
P3323	47	23° 0' 30.798"	82° 16' 21.550"	P3324	47	23° 0' 30.805"	82° 16' 21.575"
P3325	47	23° 0' 30.828"	82° 16' 21.632"	P3326	47	23° 0' 30.849"	82° 16' 21.687"
P3327	47	23° 0' 30.908"	82° 16' 21.833"	P3328	47	23° 0' 30.952"	82° 16' 21.931"
P3329	47	23° 0' 31.011"	82° 16' 22.051"	P3330	47	23° 0' 31.057"	82° 16' 22.141"
P3331	47	23° 0' 31.112"	82° 16' 22.243"	P3332	47	23° 0' 31.197"	82° 16' 22.376"
P3333	47	23° 0' 31.277"	82° 16' 22.503"	P3334	47	23° 0' 31.375"	82° 16' 22.639"
P3335	47	23° 0' 31.504"	82° 16' 22.823"	P3336	47	23° 0' 31.588"	82° 16' 22.957"
P3337	47	23° 0' 31.715"	82° 16' 23.130"	P3338	47	23° 0' 31.829"	82° 16' 23.309"
P3339	47	23° 0' 31.929"	82° 16' 23.461"	P3340	47	23° 0' 32.030"	82° 16' 23.612"
P3341	47	23° 0' 32.150"	82° 16' 23.782"	P3342	47	23° 0' 32.284"	82° 16' 23.983"
P3343	47	23° 0' 32.432"	82° 16' 24.207"	P3344	47	23° 0' 32.556"	82° 16' 24.398"
P3345	47	23° 0' 32.660"	82° 16' 24.567"	P3346	47	23° 0' 32.741"	82° 16' 24.696"
P3347	47	23° 0' 32.840"	82° 16' 24.856"	P3348	47	23° 0' 32.960"	82° 16' 25.034"
P3349	47	23° 0' 33.061"	82° 16' 25.195"	P3350	47	23° 0' 33.186"	82° 16' 25.392"
P3351	47	23° 0' 33.247"	82° 16' 25.492"	P3352	47	23° 0' 33.354"	82° 16' 25.650"
P3353	47	23° 0' 33.455"	82° 16' 25.814"	P3354	47	23° 0' 33.552"	82° 16' 25.973"
P3355	47	23° 0' 33.653"	82° 16' 26.136"	P3356	47	23° 0' 33.720"	82° 16' 26.258"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3357	47	23° 0' 33.791"	82° 16' 26.391"	P3358	47	23° 0' 33.853"	82° 16' 26.500"
P3359	47	23° 0' 33.914"	82° 16' 26.616"	P3360	47	23° 0' 33.957"	82° 16' 26.694"
P3361	47	23° 0' 33.988"	82° 16' 26.756"	P3362	47	23° 0' 34.057"	82° 16' 26.867"
P3363	47	23° 0' 34.123"	82° 16' 26.966"	P3364	47	23° 0' 34.201"	82° 16' 27.069"
P3365	47	23° 0' 34.298"	82° 16' 27.178"	P3366	47	23° 0' 34.359"	82° 16' 27.244"
P3367	47	23° 0' 34.472"	82° 16' 27.364"	P3368	47	23° 0' 34.589"	82° 16' 27.467"
P3369	47	23° 0' 34.730"	82° 16' 27.586"	P3370	47	23° 0' 34.860"	82° 16' 27.697"
P3371	47	23° 0' 34.998"	82° 16' 27.791"	P3372	47	23° 0' 35.127"	82° 16' 27.880"
P3373	47	23° 0' 35.274"	82° 16' 27.984"	P3374	47	23° 0' 35.402"	82° 16' 28.075"
P3375	47	23° 0' 35.558"	82° 16' 28.177"	P3376	47	23° 0' 35.705"	82° 16' 28.280"
P3377	47	23° 0' 35.845"	82° 16' 28.381"	P3378	47	23° 0' 35.942"	82° 16' 28.449"
P3379	47	23° 0' 36.093"	82° 16' 28.559"	P3380	47	23° 0' 36.223"	82° 16' 28.643"
P3381	47	23° 0' 36.351"	82° 16' 28.726"	P3382	47	23° 0' 36.480"	82° 16' 28.811"
P3383	47	23° 0' 36.616"	82° 16' 28.893"	P3384	47	23° 0' 36.735"	82° 16' 28.968"
P3385	47	23° 0' 36.907"	82° 16' 29.060"	P3386	47	23° 0' 37.060"	82° 16' 29.138"
P3387	47	23° 0' 37.236"	82° 16' 29.237"	P3388	47	23° 0' 37.359"	82° 16' 29.308"
P3389	47	23° 0' 37.491"	82° 16' 29.391"	P3390	47	23° 0' 37.597"	82° 16' 29.471"
P3391	47	23° 0' 37.702"	82° 16' 29.553"	P3392	47	23° 0' 37.805"	82° 16' 29.647"
P3393	47	23° 0' 37.875"	82° 16' 29.717"	P3394	47	23° 0' 37.942"	82° 16' 29.792"
P3395	47	23° 0' 37.998"	82° 16' 29.867"	P3396	47	23° 0' 38.052"	82° 16' 29.945"
P3397	47	23° 0' 38.145"	82° 16' 30.130"	P3398	47	23° 0' 38.196"	82° 16' 30.306"
P3399	47	23° 0' 38.229"	82° 16' 30.477"	P3400	47	23° 0' 38.250"	82° 16' 30.607"
P3401	47	23° 0' 38.274"	82° 16' 30.755"	P3402	47	23° 0' 38.288"	82° 16' 30.864"
P3403	47	23° 0' 38.299"	82° 16' 30.991"	P3404	47	23° 0' 38.303"	82° 16' 31.090"
P3405	47	23° 0' 38.303"	82° 16' 31.180"	P3406	47	23° 0' 38.303"	82° 16' 31.248"
P3407	47	23° 0' 38.294"	82° 16' 31.351"	P3408	47	23° 0' 38.273"	82° 16' 31.458"
P3409	47	23° 0' 38.248"	82° 16' 31.585"	P3410	47	23° 0' 38.239"	82° 16' 31.657"
P3411	47	23° 0' 38.231"	82° 16' 31.720"	P3412	47	23° 0' 38.212"	82° 16' 31.829"
P3413	47	23° 0' 38.208"	82° 16' 31.908"	P3414	47	23° 0' 38.198"	82° 16' 32.001"
P3415	47	23° 0' 38.195"	82° 16' 32.095"	P3416	47	23° 0' 38.191"	82° 16' 32.214"
P3417	47	23° 0' 38.195"	82° 16' 32.351"	P3418	47	23° 0' 38.200"	82° 16' 32.449"
P3419	47	23° 0' 38.212"	82° 16' 32.573"	P3420	47	23° 0' 38.226"	82° 16' 32.700"
P3421	47	23° 0' 38.243"	82° 16' 32.866"	P3422	47	23° 0' 38.258"	82° 16' 33.002"
P3423	47	23° 0' 38.269"	82° 16' 33.132"	P3424	47	23° 0' 38.280"	82° 16' 33.267"
P3425	47	23° 0' 38.295"	82° 16' 33.392"	P3426	47	23° 0' 38.316"	82° 16' 33.559"
P3427	47	23° 0' 38.339"	82° 16' 33.709"	P3428	47	23° 0' 38.371"	82° 16' 33.892"
P3429	47	23° 0' 38.398"	82° 16' 34.081"	P3430	47	23° 0' 38.436"	82° 16' 34.260"
P3431	47	23° 0' 38.464"	82° 16' 34.442"	P3432	47	23° 0' 38.488"	82° 16' 34.589"
P3433	47	23° 0' 38.515"	82° 16' 34.758"	P3434	47	23° 0' 38.546"	82° 16' 34.922"
P3435	47	23° 0' 38.584"	82° 16' 35.133"	P3436	47	23° 0' 38.616"	82° 16' 35.311"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3437	47	23° 0' 38.646"	82° 16' 35.461"	P3438	47	23° 0' 38.668"	82° 16' 35.557"
P3439	47	23° 0' 38.703"	82° 16' 35.736"	P3440	47	23° 0' 38.737"	82° 16' 35.882"
P3441	47	23° 0' 38.774"	82° 16' 36.120"	P3442	47	23° 0' 38.814"	82° 16' 36.302"
P3443	47	23° 0' 38.842"	82° 16' 36.460"	P3444	47	23° 0' 38.856"	82° 16' 36.587"
P3445	47	23° 0' 38.894"	82° 16' 36.746"	P3446	47	23° 0' 38.914"	82° 16' 36.882"
P3447	47	23° 0' 38.932"	82° 16' 37.025"	P3448	47	23° 0' 38.953"	82° 16' 37.185"
P3449	47	23° 0' 38.971"	82° 16' 37.340"	P3450	47	23° 0' 38.985"	82° 16' 37.455"
P3451	47	23° 0' 39.008"	82° 16' 37.543"	P3452	48	23° 8' 41.419"	82° 17' 44.720"
P3453	48	23° 8' 42.051"	82° 17' 44.109"	P3454	48	23° 8' 42.272"	82° 17' 43.883"
P3455	48	23° 8' 42.355"	82° 17' 43.779"	P3456	48	23° 8' 42.436"	82° 17' 43.678"
P3457	48	23° 8' 42.545"	82° 17' 43.468"	P3458	48	23° 8' 42.601"	82° 17' 43.311"
P3459	48	23° 8' 42.632"	82° 17' 43.151"	P3460	48	23° 8' 42.633"	82° 17' 43.009"
P3461	48	23° 8' 42.614"	82° 17' 42.857"	P3462	48	23° 8' 42.572"	82° 17' 42.727"
P3463	48	23° 8' 42.501"	82° 17' 42.568"	P3464	48	23° 8' 42.417"	82° 17' 42.433"
P3465	48	23° 8' 42.305"	82° 17' 42.280"	P3466	48	23° 8' 42.177"	82° 17' 42.089"
P3467	48	23° 8' 41.982"	82° 17' 41.828"	P3468	48	23° 8' 41.628"	82° 17' 41.325"
P3469	48	23° 8' 41.324"	82° 17' 40.906"	P3470	48	23° 8' 40.913"	82° 17' 40.351"
P3471	48	23° 8' 40.485"	82° 17' 39.802"	P3472	48	23° 8' 39.936"	82° 17' 39.069"
P3473	48	23° 8' 39.375"	82° 17' 38.342"	P3474	48	23° 8' 38.874"	82° 17' 37.719"
P3475	48	23° 8' 38.701"	82° 17' 37.553"	P3476	48	23° 8' 38.421"	82° 17' 37.333"
P3477	48	23° 8' 38.186"	82° 17' 37.179"	P3478	48	23° 8' 37.439"	82° 17' 36.753"
P3479	48	23° 8' 36.716"	82° 17' 36.317"	P3480	48	23° 8' 36.078"	82° 17' 35.887"
P3481	48	23° 8' 35.652"	82° 17' 35.569"	P3482	48	23° 8' 35.068"	82° 17' 35.093"
P3483	48	23° 8' 34.229"	82° 17' 34.410"	P3484	48	23° 8' 33.866"	82° 17' 34.097"
P3485	48	23° 8' 33.572"	82° 17' 33.796"	P3486	48	23° 8' 33.379"	82° 17' 33.577"
P3487	48	23° 8' 33.294"	82° 17' 33.469"	P3488	48	23° 8' 33.166"	82° 17' 33.245"
P3489	48	23° 8' 33.025"	82° 17' 32.962"	P3490	48	23° 8' 32.938"	82° 17' 32.726"
P3491	48	23° 8' 32.907"	82° 17' 32.623"	P3492	49	23° 8' 32.907"	82° 17' 32.623"
P3493	49	23° 8' 32.794"	82° 17' 32.245"	P3494	49	23° 8' 32.754"	82° 17' 31.982"
P3495	49	23° 8' 32.723"	82° 17' 31.514"	P3496	49	23° 8' 32.678"	82° 17' 30.903"
P3497	49	23° 8' 32.618"	82° 17' 30.248"	P3498	49	23° 8' 32.569"	82° 17' 29.933"
P3499	49	23° 8' 32.486"	82° 17' 29.593"	P3500	49	23° 8' 32.359"	82° 17' 29.120"
P3501	49	23° 8' 32.089"	82° 17' 28.403"	P3502	49	23° 8' 31.868"	82° 17' 27.846"
P3503	49	23° 8' 31.778"	82° 17' 27.576"	P3504	49	23° 8' 31.692"	82° 17' 27.236"
P3505	49	23° 8' 31.632"	82° 17' 26.911"	P3506	49	23° 8' 31.542"	82° 17' 26.292"
P3507	49	23° 8' 31.476"	82° 17' 25.736"	P3508	49	23° 8' 31.417"	82° 17' 25.241"
P3509	49	23° 8' 31.367"	82° 17' 24.786"	P3510	49	23° 8' 31.343"	82° 17' 24.538"
P3511	49	23° 8' 31.327"	82° 17' 24.269"	P3512	49	23° 8' 31.318"	82° 17' 23.981"
P3513	49	23° 8' 31.315"	82° 17' 23.688"	P3514	49	23° 8' 31.326"	82° 17' 23.415"
P3515	49	23° 8' 31.347"	82° 17' 23.067"	P3516	49	23° 8' 31.365"	82° 17' 22.873"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3517	49	23° 8' 31.414"	82° 17' 22.567"	P3518	49	23° 8' 31.483"	82° 17' 22.277"
P3519	49	23° 8' 31.584"	82° 17' 21.884"	P3520	49	23° 8' 31.653"	82° 17' 21.656"
P3521	49	23° 8' 31.753"	82° 17' 21.270"	P3522	49	23° 8' 31.873"	82° 17' 20.750"
P3523	49	23° 8' 31.954"	82° 17' 20.374"	P3524	49	23° 8' 32.084"	82° 17' 19.661"
P3525	49	23° 8' 32.214"	82° 17' 18.912"	P3526	49	23° 8' 32.302"	82° 17' 18.314"
P3527	49	23° 8' 32.340"	82° 17' 17.846"	P3528	49	23° 8' 32.414"	82° 17' 17.066"
P3529	49	23° 8' 32.461"	82° 17' 16.216"	P3530	49	23° 8' 32.468"	82° 17' 15.993"
P3531	49	23° 8' 32.474"	82° 17' 15.300"	P3532	49	23° 8' 32.453"	82° 17' 14.720"
P3533	49	23° 8' 32.409"	82° 17' 13.959"	P3534	49	23° 8' 32.352"	82° 17' 13.005"
P3535	49	23° 8' 32.322"	82° 17' 12.249"	P3536	49	23° 8' 32.321"	82° 17' 11.865"
P3537	49	23° 8' 32.339"	82° 17' 11.564"	P3538	49	23° 8' 32.361"	82° 17' 11.174"
P3539	49	23° 8' 32.437"	82° 17' 10.616"	P3540	49	23° 8' 32.545"	82° 17' 10.011"
P3541	49	23° 8' 32.716"	82° 17' 9.125"	P3542	49	23° 8' 32.782"	82° 17' 8.765"
P3543	49	23° 8' 32.798"	82° 17' 8.558"	P3544	49	23° 8' 32.790"	82° 17' 8.434"
P3545	49	23° 8' 32.772"	82° 17' 8.339"	P3546	49	23° 8' 32.726"	82° 17' 8.179"
P3547	49	23° 8' 32.608"	82° 17' 7.900"	P3548	49	23° 8' 32.373"	82° 17' 7.486"
P3549	49	23° 8' 32.044"	82° 17' 6.925"	P3550	49	23° 8' 31.781"	82° 17' 6.481"
P3551	49	23° 8' 31.534"	82° 17' 6.106"	P3552	49	23° 8' 31.320"	82° 17' 5.803"
P3553	49	23° 8' 30.980"	82° 17' 5.345"	P3554	49	23° 8' 30.587"	82° 17' 4.808"
P3555	49	23° 8' 30.359"	82° 17' 4.487"	P3556	49	23° 8' 29.695"	82° 17' 3.515"
P3557	49	23° 8' 29.355"	82° 17' 3.016"	P3558	49	23° 8' 28.675"	82° 17' 1.947"
P3559	49	23° 8' 28.425"	82° 17' 1.520"	P3560	49	23° 8' 28.304"	82° 17' 1.291"
P3561	49	23° 8' 27.994"	82° 17' 0.629"	P3562	49	23° 8' 27.688"	82° 16' 59.948"
P3563	49	23° 8' 27.430"	82° 16' 59.335"	P3564	49	23° 8' 27.287"	82° 16' 58.996"
P3565	49	23° 8' 27.022"	82° 16' 58.176"	P3566	49	23° 8' 26.826"	82° 16' 57.436"
P3567	49	23° 8' 26.548"	82° 16' 56.661"	P3568	49	23° 8' 26.423"	82° 16' 56.140"
P3569	49	23° 8' 26.297"	82° 16' 55.516"	P3570	49	23° 8' 26.013"	82° 16' 54.673"
P3571	49	23° 8' 25.786"	82° 16' 54.012"	P3572	49	23° 8' 25.694"	82° 16' 53.727"
P3573	49	23° 8' 25.510"	82° 16' 52.987"	P3574	49	23° 8' 25.288"	82° 16' 52.181"
P3575	49	23° 8' 25.113"	82° 16' 51.284"	P3576	49	23° 8' 24.893"	82° 16' 50.168"
P3577	49	23° 8' 24.790"	82° 16' 49.513"	P3578	49	23° 8' 24.770"	82° 16' 49.412"
P3579	50	23° 7' 43.918"	82° 18' 56.998"	P3580	50	23° 7' 43.722"	82° 18' 56.867"
P3581	50	23° 7' 43.295"	82° 18' 56.627"	P3582	50	23° 7' 42.774"	82° 18' 56.355"
P3583	50	23° 7' 42.143"	82° 18' 56.067"	P3584	50	23° 7' 41.260"	82° 18' 55.738"
P3585	50	23° 7' 40.638"	82° 18' 55.465"	P3586	50	23° 7' 39.528"	82° 18' 55.081"
P3587	50	23° 7' 39.183"	82° 18' 54.953"	P3588	50	23° 7' 38.993"	82° 18' 54.920"
P3589	50	23° 7' 38.417"	82° 18' 54.818"	P3590	50	23° 7' 37.213"	82° 18' 54.656"
P3591	50	23° 7' 36.523"	82° 18' 54.590"	P3592	50	23° 7' 36.116"	82° 18' 54.566"
P3593	50	23° 7' 35.861"	82° 18' 54.557"	P3594	50	23° 7' 35.382"	82° 18' 54.543"
P3595	50	23° 7' 34.877"	82° 18' 54.539"	P3596	50	23° 7' 34.678"	82° 18' 54.551"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3597	50	23° 7' 34.501"	82° 18' 54.566"	P3598	50	23° 7' 34.311"	82° 18' 54.587"
P3599	50	23° 7' 34.145"	82° 18' 54.612"	P3600	50	23° 7' 33.929"	82° 18' 54.666"
P3601	50	23° 7' 33.739"	82° 18' 54.723"	P3602	50	23° 7' 33.501"	82° 18' 54.808"
P3603	50	23° 7' 33.016"	82° 18' 54.998"	P3604	50	23° 7' 32.545"	82° 18' 55.179"
P3605	50	23° 7' 32.407"	82° 18' 55.222"	P3606	50	23° 7' 32.194"	82° 18' 55.282"
P3607	50	23° 7' 32.012"	82° 18' 55.331"	P3608	50	23° 7' 31.692"	82° 18' 55.403"
P3609	50	23° 7' 31.392"	82° 18' 55.449"	P3610	50	23° 7' 30.792"	82° 18' 55.489"
P3611	50	23° 7' 30.527"	82° 18' 55.495"	P3612	50	23° 7' 29.913"	82° 18' 55.487"
P3613	50	23° 7' 29.433"	82° 18' 55.475"	P3614	50	23° 7' 28.999"	82° 18' 55.441"
P3615	50	23° 7' 28.713"	82° 18' 55.414"	P3616	50	23° 7' 28.405"	82° 18' 55.363"
P3617	50	23° 7' 27.941"	82° 18' 55.300"	P3618	50	23° 7' 27.312"	82° 18' 55.194"
P3619	50	23° 7' 27.040"	82° 18' 55.139"	P3620	50	23° 7' 26.706"	82° 18' 55.041"
P3621	50	23° 7' 26.435"	82° 18' 54.959"	P3622	50	23° 7' 26.265"	82° 18' 54.897"
P3623	50	23° 7' 25.776"	82° 18' 54.693"	P3624	50	23° 7' 25.342"	82° 18' 54.552"
P3625	50	23° 7' 24.896"	82° 18' 54.440"	P3626	50	23° 7' 24.521"	82° 18' 54.397"
P3627	50	23° 7' 24.340"	82° 18' 54.399"	P3628	50	23° 7' 24.234"	82° 18' 54.419"
P3629	50	23° 7' 24.162"	82° 18' 54.444"	P3630	50	23° 7' 24.017"	82° 18' 54.502"
P3631	50	23° 7' 23.877"	82° 18' 54.569"	P3632	50	23° 7' 23.623"	82° 18' 54.720"
P3633	50	23° 7' 23.319"	82° 18' 54.922"	P3634	50	23° 7' 22.762"	82° 18' 55.327"
P3635	50	23° 7' 22.603"	82° 18' 55.444"	P3636	50	23° 7' 22.481"	82° 18' 55.529"
P3637	50	23° 7' 22.305"	82° 18' 55.630"	P3638	50	23° 7' 22.207"	82° 18' 55.671"
P3639	50	23° 7' 22.118"	82° 18' 55.701"	P3640	50	23° 7' 22.052"	82° 18' 55.716"
P3641	50	23° 7' 22.003"	82° 18' 55.727"	P3642	50	23° 7' 21.912"	82° 18' 55.735"
P3643	50	23° 7' 21.833"	82° 18' 55.734"	P3644	50	23° 7' 21.736"	82° 18' 55.723"
P3645	50	23° 7' 21.621"	82° 18' 55.684"	P3646	50	23° 7' 21.076"	82° 18' 55.491"
P3647	50	23° 7' 21.034"	82° 18' 55.490"	P3648	50	23° 7' 20.973"	82° 18' 55.522"
P3649	51	23° 8' 22.338"	82° 20' 18.347"	P3650	51	23° 8' 22.329"	82° 20' 18.287"
P3651	51	23° 8' 22.280"	82° 20' 17.979"	P3652	51	23° 8' 22.237"	82° 20' 17.829"
P3653	51	23° 8' 22.193"	82° 20' 17.691"	P3654	51	23° 8' 22.019"	82° 20' 17.278"
P3655	51	23° 8' 21.837"	82° 20' 16.815"	P3656	51	23° 8' 21.782"	82° 20' 16.602"
P3657	51	23° 8' 21.746"	82° 20' 16.423"	P3658	51	23° 8' 21.743"	82° 20' 16.126"
P3659	51	23° 8' 21.717"	82° 20' 15.389"	P3660	51	23° 8' 21.691"	82° 20' 14.873"
P3661	51	23° 8' 21.703"	82° 20' 14.680"	P3662	51	23° 8' 21.714"	82° 20' 14.568"
P3663	51	23° 8' 21.726"	82° 20' 14.501"	P3664	51	23° 8' 21.767"	82° 20' 14.375"
P3665	51	23° 8' 21.837"	82° 20' 14.217"	P3666	51	23° 8' 22.049"	82° 20' 13.837"
P3667	51	23° 8' 22.298"	82° 20' 13.438"	P3668	51	23° 8' 22.467"	82° 20' 13.052"
P3669	51	23° 8' 22.523"	82° 20' 12.894"	P3670	51	23° 8' 22.650"	82° 20' 12.507"
P3671	51	23° 8' 22.778"	82° 20' 12.058"	P3672	51	23° 8' 22.935"	82° 20' 11.510"
P3673	51	23° 8' 23.059"	82° 20' 11.076"	P3674	51	23° 8' 23.171"	82° 20' 10.723"
P3675	51	23° 8' 23.228"	82° 20' 10.576"	P3676	51	23° 8' 23.273"	82° 20' 10.451"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3677	51	23° 8' 23.427"	82° 20' 10.091"	P3678	51	23° 8' 23.491"	82° 20' 9.899"
P3679	51	23° 8' 23.506"	82° 20' 9.738"	P3680	51	23° 8' 23.509"	82° 20' 9.644"
P3681	51	23° 8' 23.497"	82° 20' 9.524"	P3682	51	23° 8' 23.449"	82° 20' 9.343"
P3683	51	23° 8' 23.379"	82° 20' 9.164"	P3684	51	23° 8' 23.321"	82° 20' 9.020"
P3685	51	23° 8' 23.265"	82° 20' 8.955"	P3686	51	23° 8' 23.179"	82° 20' 8.866"
P3687	51	23° 8' 23.137"	82° 20' 8.809"	P3688	51	23° 8' 23.045"	82° 20' 8.683"
P3689	51	23° 8' 22.913"	82° 20' 8.556"	P3690	51	23° 8' 22.458"	82° 20' 8.210"
P3691	51	23° 8' 22.234"	82° 20' 8.003"	P3692	51	23° 8' 21.858"	82° 20' 7.606"
P3693	51	23° 8' 21.366"	82° 20' 7.057"	P3694	51	23° 8' 20.966"	82° 20' 6.624"
P3695	51	23° 8' 20.695"	82° 20' 6.354"	P3696	51	23° 8' 20.160"	82° 20' 5.943"
P3697	51	23° 8' 19.998"	82° 20' 5.821"	P3698	51	23° 8' 19.726"	82° 20' 5.563"
P3699	51	23° 8' 19.259"	82° 20' 5.206"	P3700	51	23° 8' 18.830"	82° 20' 4.895"
P3701	51	23° 8' 18.418"	82° 20' 4.581"	P3702	51	23° 8' 17.869"	82° 20' 4.146"
P3703	51	23° 8' 17.427"	82° 20' 3.800"	P3704	51	23° 8' 17.044"	82° 20' 3.507"
P3705	51	23° 8' 16.613"	82° 20' 3.179"	P3706	51	23° 8' 16.124"	82° 20' 2.881"
P3707	51	23° 8' 15.887"	82° 20' 2.741"	P3708	51	23° 8' 15.730"	82° 20' 2.643"
P3709	51	23° 8' 15.625"	82° 20' 2.562"	P3710	51	23° 8' 15.504"	82° 20' 2.461"
P3711	51	23° 8' 15.295"	82° 20' 2.246"	P3712	51	23° 8' 15.114"	82° 20' 2.041"
P3713	51	23° 8' 14.813"	82° 20' 1.640"	P3714	51	23° 8' 14.523"	82° 20' 1.271"
P3715	51	23° 8' 14.461"	82° 20' 1.185"	P3716	51	23° 8' 14.070"	82° 20' 0.502"
P3717	51	23° 8' 13.738"	82° 19' 59.987"	P3718	51	23° 8' 13.467"	82° 19' 59.617"
P3719	51	23° 8' 13.302"	82° 19' 59.433"	P3720	51	23° 8' 13.020"	82° 19' 59.199"
P3721	51	23° 8' 12.743"	82° 19' 59.010"	P3722	51	23° 8' 12.563"	82° 19' 58.909"
P3723	51	23° 8' 12.300"	82° 19' 58.762"	P3724	51	23° 8' 11.934"	82° 19' 58.591"
P3725	51	23° 8' 11.774"	82° 19' 58.522"	P3726	51	23° 8' 11.609"	82° 19' 58.440"
P3727	51	23° 8' 11.449"	82° 19' 58.346"	P3728	51	23° 8' 11.240"	82° 19' 58.205"
P3729	51	23° 8' 11.054"	82° 19' 58.076"	P3730	51	23° 8' 10.694"	82° 19' 57.837"
P3731	51	23° 8' 10.430"	82° 19' 57.629"	P3732	51	23° 8' 10.145"	82° 19' 57.397"
P3733	51	23° 8' 10.077"	82° 19' 57.341"	P3734	51	23° 8' 9.860"	82° 19' 57.156"
P3735	51	23° 8' 9.744"	82° 19' 57.055"	P3736	51	23° 8' 9.467"	82° 19' 56.777"
P3737	51	23° 8' 9.298"	82° 19' 56.548"	P3738	51	23° 8' 9.103"	82° 19' 56.253"
P3739	51	23° 8' 8.896"	82° 19' 55.912"	P3740	51	23° 8' 8.431"	82° 19' 55.046"
P3741	51	23° 8' 8.333"	82° 19' 54.842"	P3742	51	23° 8' 1.302"	82° 20' 25.897"
P3743	51	23° 8' 1.280"	82° 20' 25.367"	P3744	51	23° 8' 1.308"	82° 20' 24.968"
P3745	51	23° 8' 1.342"	82° 20' 24.665"	P3746	51	23° 8' 1.396"	82° 20' 24.308"
P3747	51	23° 8' 1.455"	82° 20' 24.113"	P3748	51	23° 8' 1.473"	82° 20' 24.022"
P3749	51	23° 8' 1.501"	82° 20' 23.973"	P3750	51	23° 8' 1.675"	82° 20' 23.768"
P3751	51	23° 8' 1.727"	82° 20' 23.771"	P3752	51	23° 8' 1.934"	82° 20' 23.871"
P3753	51	23° 8' 2.154"	82° 20' 24.007"	P3754	51	23° 8' 2.541"	82° 20' 24.224"
P3755	51	23° 8' 3.095"	82° 20' 24.492"	P3756	51	23° 8' 3.712"	82° 20' 24.764"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3757	51	23° 8' 4.536"	82° 20' 25.098"	P3758	51	23° 8' 5.151"	82° 20' 25.330"
P3759	51	23° 8' 5.445"	82° 20' 25.455"	P3760	51	23° 8' 6.020"	82° 20' 25.699"
P3761	51	23° 8' 6.197"	82° 20' 25.775"	P3762	52	23° 8' 8.333"	82° 19' 54.842"
P3763	52	23° 8' 8.208"	82° 19' 54.583"	P3764	52	23° 8' 8.166"	82° 19' 54.408"
P3765	52	23° 8' 7.836"	82° 19' 52.887"	P3766	52	23° 8' 7.764"	82° 19' 52.373"
P3767	52	23° 8' 7.756"	82° 19' 51.935"	P3768	52	23° 8' 7.773"	82° 19' 51.691"
P3769	52	23° 8' 7.808"	82° 19' 51.480"	P3770	52	23° 8' 7.845"	82° 19' 51.349"
P3771	52	23° 8' 7.905"	82° 19' 51.166"	P3772	52	23° 8' 7.985"	82° 19' 50.943"
P3773	52	23° 8' 8.073"	82° 19' 50.685"	P3774	52	23° 8' 8.250"	82° 19' 49.938"
P3775	52	23° 8' 8.439"	82° 19' 48.917"	P3776	52	23° 8' 8.511"	82° 19' 48.505"
P3777	52	23° 8' 8.540"	82° 19' 48.056"	P3778	52	23° 8' 8.540"	82° 19' 47.808"
P3779	52	23° 8' 8.523"	82° 19' 47.383"	P3780	52	23° 8' 8.418"	82° 19' 46.457"
P3781	52	23° 8' 8.314"	82° 19' 45.488"	P3782	52	23° 8' 8.208"	82° 19' 44.520"
P3783	52	23° 8' 8.125"	82° 19' 43.619"	P3784	53	23° 8' 32.012"	82° 24' 4.811"
P3785	53	23° 8' 31.871"	82° 24' 4.916"	P3786	53	23° 8' 31.703"	82° 24' 5.046"
P3787	53	23° 8' 31.526"	82° 24' 5.176"	P3788	53	23° 8' 31.354"	82° 24' 5.306"
P3789	53	23° 8' 31.257"	82° 24' 5.378"	P3790	53	23° 8' 31.128"	82° 24' 5.476"
P3791	53	23° 8' 31.006"	82° 24' 5.570"	P3792	53	23° 8' 30.831"	82° 24' 5.706"
P3793	53	23° 8' 30.703"	82° 24' 5.804"	P3794	53	23° 8' 30.633"	82° 24' 5.859"
P3795	53	23° 8' 30.403"	82° 24' 6.032"	P3796	53	23° 8' 30.295"	82° 24' 6.112"
P3797	53	23° 8' 30.218"	82° 24' 6.170"	P3798	53	23° 8' 30.180"	82° 24' 6.201"
P3799	53	23° 8' 30.062"	82° 24' 6.287"	P3800	53	23° 8' 29.983"	82° 24' 6.352"
P3801	53	23° 8' 29.905"	82° 24' 6.411"	P3802	53	23° 8' 29.775"	82° 24' 6.510"
P3803	53	23° 8' 29.639"	82° 24' 6.615"	P3804	53	23° 8' 29.499"	82° 24' 6.719"
P3805	53	23° 8' 29.337"	82° 24' 6.841"	P3806	53	23° 8' 29.161"	82° 24' 6.981"
P3807	53	23° 8' 29.012"	82° 24' 7.092"	P3808	53	23° 8' 28.851"	82° 24' 7.212"
P3809	53	23° 8' 28.711"	82° 24' 7.314"	P3810	53	23° 8' 28.577"	82° 24' 7.420"
P3811	53	23° 8' 28.478"	82° 24' 7.495"	P3812	53	23° 8' 28.382"	82° 24' 7.569"
P3813	53	23° 8' 28.283"	82° 24' 7.640"	P3814	53	23° 8' 28.160"	82° 24' 7.733"
P3815	53	23° 8' 28.012"	82° 24' 7.839"	P3816	53	23° 8' 27.818"	82° 24' 7.984"
P3817	53	23° 8' 27.617"	82° 24' 8.128"	P3818	53	23° 8' 27.491"	82° 24' 8.221"
P3819	53	23° 8' 27.360"	82° 24' 8.314"	P3820	53	23° 8' 27.199"	82° 24' 8.424"
P3821	53	23° 8' 27.067"	82° 24' 8.522"	P3822	53	23° 8' 26.949"	82° 24' 8.609"
P3823	53	23° 8' 26.866"	82° 24' 8.671"	P3824	53	23° 8' 26.794"	82° 24' 8.727"
P3825	53	23° 8' 26.719"	82° 24' 8.788"	P3826	53	23° 8' 26.616"	82° 24' 8.877"
P3827	53	23° 8' 26.530"	82° 24' 8.954"	P3828	53	23° 8' 26.434"	82° 24' 9.043"
P3829	53	23° 8' 26.347"	82° 24' 9.134"	P3830	53	23° 8' 26.264"	82° 24' 9.214"
P3831	53	23° 8' 26.125"	82° 24' 9.351"	P3832	53	23° 8' 25.984"	82° 24' 9.496"
P3833	53	23° 8' 25.815"	82° 24' 9.676"	P3834	53	23° 8' 25.657"	82° 24' 9.853"
P3835	53	23° 8' 25.600"	82° 24' 9.921"	P3836	53	23° 8' 25.525"	82° 24' 10.008"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3837	53	23° 8' 25.411"	82° 24' 10.147"	P3838	53	23° 8' 25.327"	82° 24' 10.253"
P3839	53	23° 8' 25.232"	82° 24' 10.375"	P3840	53	23° 8' 25.122"	82° 24' 10.527"
P3841	53	23° 8' 24.989"	82° 24' 10.707"	P3842	53	23° 8' 24.901"	82° 24' 10.831"
P3843	53	23° 8' 24.802"	82° 24' 10.970"	P3844	53	23° 8' 24.628"	82° 24' 11.214"
P3845	53	23° 8' 24.513"	82° 24' 11.385"	P3846	53	23° 8' 24.376"	82° 24' 11.606"
P3847	53	23° 8' 24.308"	82° 24' 11.722"	P3848	53	23° 8' 24.242"	82° 24' 11.836"
P3849	53	23° 8' 24.135"	82° 24' 12.025"	P3850	53	23° 8' 24.061"	82° 24' 12.153"
P3851	53	23° 8' 23.971"	82° 24' 12.324"	P3852	53	23° 8' 23.869"	82° 24' 12.520"
P3853	53	23° 8' 23.789"	82° 24' 12.671"	P3854	53	23° 8' 23.729"	82° 24' 12.785"
P3855	53	23° 8' 23.660"	82° 24' 12.928"	P3856	53	23° 8' 23.558"	82° 24' 13.141"
P3857	53	23° 8' 23.411"	82° 24' 13.455"	P3858	53	23° 8' 23.340"	82° 24' 13.617"
P3859	53	23° 8' 23.257"	82° 24' 13.802"	P3860	53	23° 8' 23.185"	82° 24' 13.964"
P3861	53	23° 8' 23.108"	82° 24' 14.146"	P3862	53	23° 8' 23.048"	82° 24' 14.291"
P3863	53	23° 8' 22.968"	82° 24' 14.487"	P3864	53	23° 8' 22.921"	82° 24' 14.604"
P3865	53	23° 8' 22.875"	82° 24' 14.730"	P3866	53	23° 8' 22.831"	82° 24' 14.862"
P3867	53	23° 8' 22.782"	82° 24' 15.019"	P3868	53	23° 8' 22.743"	82° 24' 15.135"
P3869	53	23° 8' 22.696"	82° 24' 15.284"	P3870	53	23° 8' 22.664"	82° 24' 15.409"
P3871	53	23° 8' 22.616"	82° 24' 15.612"	P3872	53	23° 8' 22.581"	82° 24' 15.758"
P3873	53	23° 8' 22.552"	82° 24' 15.896"	P3874	53	23° 8' 22.532"	82° 24' 16.007"
P3875	53	23° 8' 22.507"	82° 24' 16.155"	P3876	53	23° 8' 22.484"	82° 24' 16.273"
P3877	53	23° 8' 22.460"	82° 24' 16.428"	P3878	53	23° 8' 22.434"	82° 24' 16.607"
P3879	53	23° 8' 22.406"	82° 24' 16.809"	P3880	53	23° 8' 22.385"	82° 24' 16.962"
P3881	53	23° 8' 22.300"	82° 24' 17.197"	P3882	53	23° 8' 22.164"	82° 24' 18.459"
P3883	53	23° 8' 22.180"	82° 24' 18.625"	P3884	53	23° 8' 22.137"	82° 24' 19.082"
P3885	53	23° 8' 22.116"	82° 24' 19.353"	P3886	54	23° 9' 14.699"	82° 25' 53.343"
P3887	54	23° 9' 14.718"	82° 25' 53.357"	P3888	54	23° 9' 15.716"	82° 25' 54.047"
P3889	54	23° 9' 16.163"	82° 25' 54.335"	P3890	54	23° 9' 16.609"	82° 25' 54.596"
P3891	54	23° 9' 17.037"	82° 25' 54.792"	P3892	54	23° 9' 17.407"	82° 25' 54.928"
P3893	54	23° 9' 18.407"	82° 25' 55.322"	P3894	54	23° 9' 19.630"	82° 25' 55.834"
P3895	54	23° 9' 20.744"	82° 25' 56.272"	P3896	54	23° 9' 21.216"	82° 25' 56.434"
P3897	54	23° 9' 21.882"	82° 25' 56.634"	P3898	54	23° 9' 22.593"	82° 25' 56.803"
P3899	54	23° 9' 22.938"	82° 25' 56.866"	P3900	54	23° 9' 24.160"	82° 25' 57.094"
P3901	54	23° 9' 25.863"	82° 25' 57.353"	P3902	54	23° 9' 26.907"	82° 25' 57.514"
P3903	54	23° 9' 28.397"	82° 25' 57.735"	P3904	54	23° 9' 29.836"	82° 25' 57.953"
P3905	54	23° 9' 31.691"	82° 25' 58.213"	P3906	54	23° 9' 33.424"	82° 25' 58.449"
P3907	54	23° 9' 34.208"	82° 25' 58.554"	P3908	54	23° 9' 35.224"	82° 25' 58.696"
P3909	54	23° 9' 36.582"	82° 25' 58.886"	P3910	54	23° 9' 38.262"	82° 25' 59.126"
P3911	54	23° 9' 39.763"	82° 25' 59.354"	P3912	54	23° 9' 40.809"	82° 25' 59.502"
P3913	54	23° 9' 42.889"	82° 25' 59.771"	P3914	54	23° 9' 43.752"	82° 25' 59.884"
P3915	54	23° 9' 44.196"	82° 25' 59.942"	P3916	54	23° 9' 44.414"	82° 25' 59.981"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3917	54	23° 9' 44.637"	82° 26' 0.023"	P3918	54	23° 9' 44.799"	82° 26' 0.053"
P3919	54	23° 9' 45.165"	82° 26' 0.172"	P3920	54	23° 9' 45.410"	82° 26' 0.263"
P3921	54	23° 9' 45.827"	82° 26' 0.429"	P3922	54	23° 9' 46.365"	82° 26' 0.668"
P3923	54	23° 9' 46.850"	82° 26' 0.890"	P3924	54	23° 9' 47.146"	82° 26' 1.004"
P3925	54	23° 9' 47.382"	82° 26' 1.072"	P3926	54	23° 9' 47.568"	82° 26' 1.107"
P3927	54	23° 9' 47.833"	82° 26' 1.140"	P3928	54	23° 9' 48.091"	82° 26' 1.152"
P3929	54	23° 9' 48.302"	82° 26' 1.142"	P3930	54	23° 9' 48.518"	82° 26' 1.132"
P3931	54	23° 9' 48.749"	82° 26' 1.105"	P3932	54	23° 9' 48.949"	82° 26' 1.061"
P3933	54	23° 9' 49.205"	82° 26' 0.990"	P3934	54	23° 9' 49.340"	82° 26' 0.940"
P3935	54	23° 9' 49.477"	82° 26' 0.873"	P3936	54	23° 9' 49.648"	82° 26' 0.786"
P3937	54	23° 9' 49.957"	82° 26' 0.613"	P3938	54	23° 9' 50.567"	82° 26' 0.255"
P3939	54	23° 9' 51.315"	82° 25' 59.813"	P3940	54	23° 9' 51.787"	82° 25' 59.534"
P3941	54	23° 9' 52.211"	82° 25' 59.278"	P3942	54	23° 9' 52.814"	82° 25' 58.921"
P3943	54	23° 9' 53.300"	82° 25' 58.640"	P3944	54	23° 9' 53.623"	82° 25' 58.476"
P3945	54	23° 9' 53.878"	82° 25' 58.362"	P3946	54	23° 9' 54.086"	82° 25' 58.280"
P3947	54	23° 9' 54.281"	82° 25' 58.207"	P3948	55	23° 8' 46.759"	82° 25' 13.010"
P3949	55	23° 8' 46.532"	82° 25' 13.586"	P3950	55	23° 8' 46.406"	82° 25' 13.941"
P3951	55	23° 8' 46.299"	82° 25' 14.335"	P3952	55	23° 8' 46.220"	82° 25' 14.707"
P3953	55	23° 8' 46.172"	82° 25' 15.007"	P3954	55	23° 8' 46.148"	82° 25' 15.288"
P3955	55	23° 8' 46.137"	82° 25' 15.515"	P3956	55	23° 8' 46.160"	82° 25' 15.775"
P3957	55	23° 8' 46.208"	82° 25' 16.058"	P3958	55	23° 8' 46.282"	82° 25' 16.268"
P3959	55	23° 8' 46.427"	82° 25' 16.585"	P3960	55	23° 8' 46.659"	82° 25' 17.029"
P3961	55	23° 8' 47.221"	82° 25' 17.997"	P3962	55	23° 8' 48.218"	82° 25' 19.583"
P3963	55	23° 8' 49.208"	82° 25' 21.122"	P3964	55	23° 8' 50.127"	82° 25' 22.571"
P3965	55	23° 8' 50.938"	82° 25' 23.846"	P3966	55	23° 8' 51.633"	82° 25' 24.933"
P3967	55	23° 8' 52.553"	82° 25' 26.382"	P3968	55	23° 8' 53.908"	82° 25' 28.475"
P3969	55	23° 8' 54.810"	82° 25' 29.853"	P3970	55	23° 8' 55.084"	82° 25' 30.226"
P3971	55	23° 8' 55.211"	82° 25' 30.382"	P3972	55	23° 8' 55.310"	82° 25' 30.506"
P3973	55	23° 8' 55.426"	82° 25' 30.634"	P3974	55	23° 8' 55.680"	82° 25' 30.868"
P3975	55	23° 8' 55.973"	82° 25' 31.108"	P3976	55	23° 8' 56.538"	82° 25' 31.483"
P3977	55	23° 8' 58.008"	82° 25' 32.376"	P3978	55	23° 8' 59.425"	82° 25' 33.262"
P3979	55	23° 9' 0.714"	82° 25' 34.100"	P3980	55	23° 9' 1.424"	82° 25' 34.560"
P3981	55	23° 9' 1.899"	82° 25' 34.880"	P3982	55	23° 9' 2.226"	82° 25' 35.176"
P3983	55	23° 9' 2.505"	82° 25' 35.448"	P3984	55	23° 9' 3.152"	82° 25' 36.110"
P3985	55	23° 9' 3.812"	82° 25' 36.815"	P3986	55	23° 9' 5.037"	82° 25' 38.205"
P3987	55	23° 9' 6.342"	82° 25' 39.711"	P3988	55	23° 9' 8.045"	82° 25' 41.524"
P3989	55	23° 9' 8.242"	82° 25' 41.757"	P3990	55	23° 9' 8.364"	82° 25' 41.915"
P3991	55	23° 9' 8.418"	82° 25' 42.005"	P3992	55	23° 9' 8.497"	82° 25' 42.152"
P3993	55	23° 9' 8.570"	82° 25' 42.340"	P3994	55	23° 9' 8.625"	82° 25' 42.538"
P3995	55	23° 9' 8.667"	82° 25' 42.775"	P3996	55	23° 9' 8.695"	82° 25' 43.097"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P3997	55	23° 9' 8.690"	82° 25' 43.586"	P3998	55	23° 9' 8.673"	82° 25' 44.091"
P3999	55	23° 9' 8.641"	82° 25' 44.879"	P4000	55	23° 9' 8.642"	82° 25' 45.216"
P4001	55	23° 9' 8.659"	82° 25' 45.477"	P4002	55	23° 9' 8.691"	82° 25' 45.787"
P4003	55	23° 9' 8.716"	82° 25' 46.006"	P4004	55	23° 9' 8.767"	82° 25' 46.336"
P4005	55	23° 9' 8.870"	82° 25' 46.839"	P4006	55	23° 9' 9.040"	82° 25' 47.458"
P4007	55	23° 9' 9.170"	82° 25' 47.928"	P4008	55	23° 9' 9.278"	82° 25' 48.223"
P4009	55	23° 9' 9.398"	82° 25' 48.474"	P4010	55	23° 9' 9.623"	82° 25' 48.906"
P4011	55	23° 9' 9.847"	82° 25' 49.251"	P4012	55	23° 9' 10.002"	82° 25' 49.434"
P4013	55	23° 9' 10.121"	82° 25' 49.568"	P4014	55	23° 9' 10.295"	82° 25' 49.719"
P4015	56	23° 9' 10.295"	82° 25' 49.719"	P4016	56	23° 9' 13.130"	82° 25' 52.186"
P4017	56	23° 9' 13.960"	82° 25' 52.800"	P4018	56	23° 9' 14.400"	82° 25' 53.130"
P4019	56	23° 9' 14.699"	82° 25' 53.343"	P4020	57	23° 8' 47.568"	82° 24' 50.908"
P4021	57	23° 8' 47.618"	82° 24' 51.012"	P4022	57	23° 8' 47.755"	82° 24' 51.430"
P4023	57	23° 8' 47.762"	82° 24' 51.529"	P4024	57	23° 8' 47.799"	82° 24' 51.911"
P4025	57	23° 8' 47.781"	82° 24' 52.359"	P4026	57	23° 8' 47.733"	82° 24' 52.788"
P4027	57	23° 8' 47.435"	82° 24' 54.619"	P4028	57	23° 8' 47.210"	82° 24' 56.139"
P4029	57	23° 8' 46.938"	82° 24' 57.846"	P4030	57	23° 8' 46.906"	82° 24' 58.147"
P4031	57	23° 8' 46.882"	82° 24' 58.469"	P4032	57	23° 8' 46.883"	82° 24' 58.694"
P4033	57	23° 8' 46.893"	82° 24' 58.889"	P4034	57	23° 8' 46.930"	82° 24' 59.099"
P4035	57	23° 8' 46.980"	82° 24' 59.351"	P4036	57	23° 8' 47.074"	82° 24' 59.709"
P4037	57	23° 8' 47.206"	82° 25' 0.188"	P4038	57	23° 8' 47.419"	82° 25' 0.764"
P4039	57	23° 8' 47.764"	82° 25' 1.616"	P4040	57	23° 8' 48.114"	82° 25' 2.404"
P4041	57	23° 8' 48.419"	82° 25' 3.028"	P4042	57	23° 8' 48.658"	82° 25' 3.545"
P4043	57	23° 8' 48.785"	82° 25' 3.912"	P4044	57	23° 8' 48.853"	82° 25' 4.254"
P4045	57	23° 8' 48.899"	82° 25' 4.462"	P4046	57	23° 8' 48.923"	82° 25' 4.708"
P4047	57	23° 8' 48.937"	82° 25' 5.040"	P4048	57	23° 8' 48.924"	82° 25' 5.413"
P4049	57	23° 8' 48.882"	82° 25' 5.985"	P4050	57	23° 8' 48.742"	82° 25' 6.888"
P4051	57	23° 8' 48.645"	82° 25' 7.397"	P4052	57	23° 8' 48.506"	82° 25' 7.937"
P4053	57	23° 8' 48.331"	82° 25' 8.555"	P4054	57	23° 8' 48.026"	82° 25' 9.583"
P4055	57	23° 8' 47.694"	82° 25' 10.645"	P4056	57	23° 8' 47.453"	82° 25' 11.337"
P4057	57	23° 8' 47.192"	82° 25' 11.999"	P4058	57	23° 8' 46.796"	82° 25' 12.916"
P4059	57	23° 8' 46.759"	82° 25' 13.010"	P4060	58	23° 8' 51.970"	82° 23' 42.219"
P4061	58	23° 8' 51.765"	82° 23' 42.495"	P4062	58	23° 8' 51.451"	82° 23' 42.906"
P4063	58	23° 8' 51.180"	82° 23' 43.294"	P4064	58	23° 8' 51.024"	82° 23' 43.517"
P4065	58	23° 8' 50.924"	82° 23' 43.671"	P4066	58	23° 8' 50.750"	82° 23' 43.937"
P4067	58	23° 8' 50.626"	82° 23' 44.144"	P4068	58	23° 8' 50.511"	82° 23' 44.337"
P4069	58	23° 8' 50.411"	82° 23' 44.541"	P4070	58	23° 8' 50.382"	82° 23' 44.600"
P4071	58	23° 8' 50.324"	82° 23' 44.720"	P4072	58	23° 8' 50.300"	82° 23' 44.774"
P4073	58	23° 8' 50.255"	82° 23' 44.880"	P4074	58	23° 8' 50.223"	82° 23' 44.968"
P4075	58	23° 8' 50.157"	82° 23' 45.159"	P4076	58	23° 8' 50.133"	82° 23' 45.244"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4077	58	23° 8' 50.107"	82° 23' 45.332"	P4078	58	23° 8' 50.068"	82° 23' 45.475"
P4079	58	23° 8' 50.044"	82° 23' 45.577"	P4080	58	23° 8' 49.989"	82° 23' 45.802"
P4081	58	23° 8' 49.985"	82° 23' 45.822"	P4082	58	23° 8' 49.962"	82° 23' 45.939"
P4083	58	23° 8' 49.937"	82° 23' 46.058"	P4084	58	23° 8' 49.900"	82° 23' 46.230"
P4085	58	23° 8' 49.867"	82° 23' 46.411"	P4086	58	23° 8' 49.836"	82° 23' 46.582"
P4087	58	23° 8' 49.815"	82° 23' 46.719"	P4088	58	23° 8' 49.806"	82° 23' 46.829"
P4089	58	23° 8' 49.791"	82° 23' 46.884"	P4090	58	23° 8' 49.786"	82° 23' 46.922"
P4091	58	23° 8' 49.781"	82° 23' 46.971"	P4092	58	23° 8' 49.766"	82° 23' 47.068"
P4093	58	23° 8' 49.750"	82° 23' 47.172"	P4094	58	23° 8' 49.718"	82° 23' 47.347"
P4095	58	23° 8' 49.671"	82° 23' 47.544"	P4096	58	23° 8' 49.650"	82° 23' 47.693"
P4097	58	23° 8' 49.628"	82° 23' 47.793"	P4098	58	23° 8' 49.590"	82° 23' 47.903"
P4099	58	23° 8' 49.532"	82° 23' 48.057"	P4100	58	23° 8' 49.493"	82° 23' 48.165"
P4101	58	23° 8' 49.441"	82° 23' 48.275"	P4102	58	23° 8' 49.402"	82° 23' 48.355"
P4103	58	23° 8' 49.370"	82° 23' 48.410"	P4104	58	23° 8' 49.331"	82° 23' 48.471"
P4105	58	23° 8' 49.265"	82° 23' 48.564"	P4106	58	23° 8' 49.200"	82° 23' 48.645"
P4107	58	23° 8' 49.179"	82° 23' 48.672"	P4108	58	23° 8' 49.122"	82° 23' 48.731"
P4109	58	23° 8' 49.030"	82° 23' 48.816"	P4110	58	23° 8' 49.016"	82° 23' 48.827"
P4111	59	23° 8' 46.823"	82° 23' 50.189"	P4112	59	23° 8' 46.774"	82° 23' 50.219"
P4113	59	23° 8' 46.432"	82° 23' 50.423"	P4114	59	23° 8' 46.200"	82° 23' 50.554"
P4115	59	23° 8' 46.039"	82° 23' 50.645"	P4116	59	23° 8' 45.907"	82° 23' 50.722"
P4117	59	23° 8' 45.813"	82° 23' 50.778"	P4118	59	23° 8' 45.619"	82° 23' 50.897"
P4119	59	23° 8' 45.490"	82° 23' 50.974"	P4120	59	23° 8' 45.295"	82° 23' 51.089"
P4121	59	23° 8' 45.174"	82° 23' 51.156"	P4122	59	23° 8' 45.054"	82° 23' 51.227"
P4123	59	23° 8' 44.934"	82° 23' 51.296"	P4124	59	23° 8' 44.919"	82° 23' 51.304"
P4125	59	23° 8' 44.883"	82° 23' 51.324"	P4126	59	23° 8' 44.830"	82° 23' 51.348"
P4127	59	23° 8' 44.709"	82° 23' 51.406"	P4128	59	23° 8' 44.560"	82° 23' 51.491"
P4129	59	23° 8' 44.390"	82° 23' 51.585"	P4130	59	23° 8' 44.321"	82° 23' 51.624"
P4131	59	23° 8' 44.245"	82° 23' 51.666"	P4132	59	23° 8' 44.133"	82° 23' 51.721"
P4133	59	23° 8' 43.903"	82° 23' 51.900"	P4134	59	23° 8' 43.720"	82° 23' 51.998"
P4135	59	23° 8' 43.499"	82° 23' 52.075"	P4136	59	23° 8' 43.306"	82° 23' 52.176"
P4137	59	23° 8' 43.175"	82° 23' 52.248"	P4138	59	23° 8' 42.456"	82° 23' 52.649"
P4139	59	23° 8' 42.303"	82° 23' 52.742"	P4140	59	23° 8' 42.202"	82° 23' 52.814"
P4141	59	23° 8' 42.089"	82° 23' 52.889"	P4142	59	23° 8' 41.986"	82° 23' 52.968"
P4143	59	23° 8' 41.845"	82° 23' 53.100"	P4144	59	23° 8' 41.736"	82° 23' 53.195"
P4145	59	23° 8' 41.527"	82° 23' 53.364"	P4146	59	23° 8' 41.435"	82° 23' 53.422"
P4147	59	23° 8' 41.347"	82° 23' 53.547"	P4148	59	23° 8' 41.212"	82° 23' 53.768"
P4149	59	23° 8' 41.113"	82° 23' 53.896"	P4150	59	23° 8' 41.007"	82° 23' 54.044"
P4151	59	23° 8' 40.871"	82° 23' 54.239"	P4152	59	23° 8' 40.832"	82° 23' 54.307"
P4153	59	23° 8' 40.784"	82° 23' 54.398"	P4154	59	23° 8' 40.711"	82° 23' 54.544"
P4155	59	23° 8' 40.657"	82° 23' 54.669"	P4156	59	23° 8' 40.604"	82° 23' 54.811"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4157	59	23° 8' 40.546"	82° 23' 54.963"	P4158	59	23° 8' 40.507"	82° 23' 55.072"
P4159	59	23° 8' 40.463"	82° 23' 55.196"	P4160	59	23° 8' 40.408"	82° 23' 55.359"
P4161	59	23° 8' 40.362"	82° 23' 55.495"	P4162	59	23° 8' 40.326"	82° 23' 55.598"
P4163	59	23° 8' 40.277"	82° 23' 55.742"	P4164	59	23° 8' 40.219"	82° 23' 55.896"
P4165	59	23° 8' 40.172"	82° 23' 56.045"	P4166	59	23° 8' 40.116"	82° 23' 56.207"
P4167	59	23° 8' 40.059"	82° 23' 56.380"	P4168	59	23° 8' 39.956"	82° 23' 56.700"
P4169	59	23° 8' 39.898"	82° 23' 56.875"	P4170	59	23° 8' 39.853"	82° 23' 57.026"
P4171	59	23° 8' 39.808"	82° 23' 57.164"	P4172	59	23° 8' 39.777"	82° 23' 57.260"
P4173	59	23° 8' 39.732"	82° 23' 57.414"	P4174	59	23° 8' 39.690"	82° 23' 57.550"
P4175	59	23° 8' 39.650"	82° 23' 57.670"	P4176	59	23° 8' 39.607"	82° 23' 57.814"
P4177	59	23° 8' 39.556"	82° 23' 57.982"	P4178	59	23° 8' 39.519"	82° 23' 58.104"
P4179	59	23° 8' 39.459"	82° 23' 58.290"	P4180	59	23° 8' 39.400"	82° 23' 58.475"
P4181	59	23° 8' 39.339"	82° 23' 58.654"	P4182	59	23° 8' 39.268"	82° 23' 58.836"
P4183	59	23° 8' 39.223"	82° 23' 58.933"	P4184	59	23° 8' 39.172"	82° 23' 59.038"
P4185	59	23° 8' 39.122"	82° 23' 59.137"	P4186	59	23° 8' 39.067"	82° 23' 59.229"
P4187	59	23° 8' 39.006"	82° 23' 59.328"	P4188	59	23° 8' 38.943"	82° 23' 59.428"
P4189	59	23° 8' 38.851"	82° 23' 59.560"	P4190	59	23° 8' 38.718"	82° 23' 59.732"
P4191	59	23° 8' 38.659"	82° 23' 59.803"	P4192	59	23° 8' 38.577"	82° 23' 59.895"
P4193	59	23° 8' 38.499"	82° 23' 59.974"	P4194	59	23° 8' 38.353"	82° 24' 0.111"
P4195	59	23° 8' 38.225"	82° 24' 0.238"	P4196	59	23° 8' 38.055"	82° 24' 0.391"
P4197	59	23° 8' 37.897"	82° 24' 0.522"	P4198	59	23° 8' 37.725"	82° 24' 0.661"
P4199	59	23° 8' 37.497"	82° 24' 0.838"	P4200	59	23° 8' 37.340"	82° 24' 0.934"
P4201	59	23° 8' 36.913"	82° 24' 1.258"	P4202	59	23° 8' 36.258"	82° 24' 1.723"
P4203	59	23° 8' 35.697"	82° 24' 2.133"	P4204	59	23° 8' 34.885"	82° 24' 2.703"
P4205	59	23° 8' 34.213"	82° 24' 3.214"	P4206	59	23° 8' 33.559"	82° 24' 3.700"
P4207	59	23° 8' 32.973"	82° 24' 4.116"	P4208	59	23° 8' 32.341"	82° 24' 4.571"
P4209	59	23° 8' 32.035"	82° 24' 4.794"	P4210	59	23° 8' 32.015"	82° 24' 4.809"
P4211	60	23° 9' 54.065"	82° 25' 58.678"	P4212	60	23° 9' 53.767"	82° 25' 58.800"
P4213	60	23° 9' 53.487"	82° 25' 58.954"	P4214	60	23° 9' 52.886"	82° 25' 59.315"
P4215	60	23° 9' 50.814"	82° 26' 0.543"	P4216	60	23° 9' 49.639"	82° 26' 1.217"
P4217	60	23° 9' 49.432"	82° 26' 1.318"	P4218	60	23° 9' 49.246"	82° 26' 1.392"
P4219	60	23° 9' 48.971"	82° 26' 1.461"	P4220	60	23° 9' 48.779"	82° 26' 1.504"
P4221	60	23° 9' 48.626"	82° 26' 1.523"	P4222	60	23° 9' 48.273"	82° 26' 1.553"
P4223	60	23° 9' 47.904"	82° 26' 1.538"	P4224	60	23° 9' 47.625"	82° 26' 1.508"
P4225	60	23° 9' 47.239"	82° 26' 1.426"	P4226	60	23° 9' 45.786"	82° 26' 0.824"
P4227	60	23° 9' 44.651"	82° 26' 0.420"	P4228	60	23° 9' 44.309"	82° 26' 0.355"
P4229	60	23° 9' 43.482"	82° 26' 0.240"	P4230	60	23° 9' 42.886"	82° 26' 0.156"
P4231	60	23° 9' 40.104"	82° 25' 59.788"	P4232	60	23° 9' 38.488"	82° 25' 59.564"
P4233	60	23° 9' 36.654"	82° 25' 59.287"	P4234	60	23° 9' 33.785"	82° 25' 58.892"
P4235	60	23° 9' 30.658"	82° 25' 58.457"	P4236	60	23° 9' 28.504"	82° 25' 58.139"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4237	60	23° 9' 24.961"	82° 25' 57.605"	P4238	60	23° 9' 23.467"	82° 25' 57.348"
P4239	60	23° 9' 22.798"	82° 25' 57.233"	P4240	60	23° 9' 22.213"	82° 25' 57.095"
P4241	60	23° 9' 21.661"	82° 25' 56.953"	P4242	60	23° 9' 20.967"	82° 25' 56.738"
P4243	60	23° 9' 20.585"	82° 25' 56.606"	P4244	60	23° 9' 20.297"	82° 25' 56.503"
P4245	60	23° 9' 19.586"	82° 25' 56.234"	P4246	60	23° 9' 18.034"	82° 25' 55.644"
P4247	60	23° 9' 17.160"	82° 25' 55.292"	P4248	60	23° 9' 16.615"	82° 25' 55.046"
P4249	60	23° 9' 16.128"	82° 25' 54.777"	P4250	60	23° 9' 15.717"	82° 25' 54.499"
P4251	60	23° 9' 15.245"	82° 25' 54.179"	P4252	60	23° 9' 14.921"	82° 25' 53.952"
P4253	60	23° 9' 14.431"	82° 25' 53.626"	P4254	61	23° 9' 10.141"	82° 25' 50.090"
P4255	61	23° 9' 9.893"	82° 25' 49.874"	P4256	61	23° 9' 9.758"	82° 25' 49.720"
P4257	61	23° 9' 9.621"	82° 25' 49.541"	P4258	61	23° 9' 9.467"	82° 25' 49.328"
P4259	61	23° 9' 9.327"	82° 25' 49.083"	P4260	61	23° 9' 9.177"	82° 25' 48.789"
P4261	61	23° 9' 9.073"	82° 25' 48.570"	P4262	61	23° 9' 8.881"	82° 25' 48.059"
P4263	61	23° 9' 8.574"	82° 25' 47.098"	P4264	61	23° 9' 8.464"	82° 25' 46.664"
P4265	61	23° 9' 8.368"	82° 25' 46.090"	P4266	61	23° 9' 8.328"	82° 25' 45.737"
P4267	61	23° 9' 8.293"	82° 25' 45.234"	P4268	61	23° 9' 8.297"	82° 25' 44.770"
P4269	61	23° 9' 8.337"	82° 25' 43.639"	P4270	61	23° 9' 8.354"	82° 25' 43.253"
P4271	61	23° 9' 8.327"	82° 25' 42.886"	P4272	61	23° 9' 8.280"	82° 25' 42.630"
P4273	61	23° 9' 8.218"	82° 25' 42.414"	P4274	61	23° 9' 8.159"	82° 25' 42.291"
P4275	61	23° 9' 8.088"	82° 25' 42.170"	P4276	61	23° 9' 8.006"	82° 25' 42.057"
P4277	61	23° 9' 7.839"	82° 25' 41.846"	P4278	61	23° 9' 7.221"	82° 25' 41.165"
P4279	61	23° 9' 5.912"	82° 25' 39.804"	P4280	61	23° 9' 5.217"	82° 25' 38.993"
P4281	61	23° 9' 4.065"	82° 25' 37.659"	P4282	61	23° 9' 3.265"	82° 25' 36.779"
P4283	61	23° 9' 2.397"	82° 25' 35.845"	P4284	61	23° 9' 1.904"	82° 25' 35.383"
P4285	61	23° 9' 1.417"	82° 25' 35.006"	P4286	61	23° 9' 0.913"	82° 25' 34.678"
P4287	61	23° 9' 0.018"	82° 25' 34.089"	P4288	61	23° 8' 59.252"	82° 25' 33.595"
P4289	61	23° 8' 57.460"	82° 25' 32.479"	P4290	61	23° 8' 56.257"	82° 25' 31.731"
P4291	61	23° 8' 55.665"	82° 25' 31.304"	P4292	61	23° 8' 55.290"	82° 25' 31.019"
P4293	61	23° 8' 54.993"	82° 25' 30.731"	P4294	61	23° 8' 54.443"	82° 25' 29.959"
P4295	61	23° 8' 53.461"	82° 25' 28.483"	P4296	61	23° 8' 52.329"	82° 25' 26.739"
P4297	61	23° 8' 50.292"	82° 25' 23.489"	P4298	61	23° 8' 48.746"	82° 25' 21.071"
P4299	61	23° 8' 46.925"	82° 25' 18.193"	P4300	61	23° 8' 46.459"	82° 25' 17.426"
P4301	61	23° 8' 46.158"	82° 25' 16.889"	P4302	61	23° 8' 45.978"	82° 25' 16.518"
P4303	61	23° 8' 45.868"	82° 25' 16.224"	P4304	61	23° 8' 45.821"	82° 25' 16.028"
P4305	61	23° 8' 45.787"	82° 25' 15.866"	P4306	61	23° 8' 45.762"	82° 25' 15.564"
P4307	61	23° 8' 45.766"	82° 25' 15.381"	P4308	61	23° 8' 45.774"	82° 25' 15.169"
P4309	61	23° 8' 45.818"	82° 25' 14.839"	P4310	61	23° 8' 45.920"	82° 25' 14.371"
P4311	61	23° 8' 46.040"	82° 25' 13.906"	P4312	61	23° 8' 46.271"	82° 25' 13.271"
P4313	61	23° 8' 46.505"	82° 25' 12.709"	P4314	62	23° 9' 14.431"	82° 25' 53.626"
P4315	62	23° 9' 13.691"	82° 25' 53.134"	P4316	62	23° 9' 13.359"	82° 25' 52.872"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4317	62	23° 9' 12.902"	82° 25' 52.493"	P4318	62	23° 9' 10.141"	82° 25' 50.090"
P4319	63	23° 8' 46.505"	82° 25' 12.709"	P4320	63	23° 8' 46.755"	82° 25' 12.107"
P4321	63	23° 8' 46.992"	82° 25' 11.549"	P4322	63	23° 8' 47.400"	82° 25' 10.351"
P4323	63	23° 8' 47.806"	82° 25' 9.083"	P4324	63	23° 8' 48.043"	82° 25' 8.256"
P4325	63	23° 8' 48.237"	82° 25' 7.488"	P4326	63	23° 8' 48.342"	82° 25' 7.034"
P4327	63	23° 8' 48.422"	82° 25' 6.612"	P4328	63	23° 8' 48.474"	82° 25' 6.244"
P4329	63	23° 8' 48.529"	82° 25' 5.810"	P4330	63	23° 8' 48.548"	82° 25' 5.424"
P4331	63	23° 8' 48.551"	82° 25' 5.079"	P4332	63	23° 8' 48.557"	82° 25' 4.891"
P4333	63	23° 8' 48.535"	82° 25' 4.606"	P4334	63	23° 8' 48.497"	82° 25' 4.346"
P4335	63	23° 8' 48.457"	82° 25' 4.166"	P4336	63	23° 8' 48.348"	82° 25' 3.804"
P4337	63	23° 8' 48.139"	82° 25' 3.302"	P4338	63	23° 8' 47.726"	82° 25' 2.448"
P4339	63	23° 8' 47.186"	82° 25' 1.152"	P4340	63	23° 8' 46.777"	82° 25' 0.000"
P4341	63	23° 8' 46.606"	82° 24' 59.331"	P4342	63	23° 8' 46.521"	82° 24' 58.834"
P4343	63	23° 8' 46.526"	82° 24' 58.305"	P4344	63	23° 8' 46.643"	82° 24' 57.588"
P4345	63	23° 8' 47.128"	82° 24' 54.352"	P4346	63	23° 8' 47.379"	82° 24' 52.613"
P4347	63	23° 8' 47.410"	82° 24' 52.060"	P4348	63	23° 8' 47.411"	82° 24' 52.035"
P4349	64	23° 6' 21.397"	82° 24' 25.880"	P4350	64	23° 6' 20.903"	82° 24' 25.951"
P4351	64	23° 6' 20.708"	82° 24' 25.986"	P4352	64	23° 6' 20.410"	82° 24' 26.072"
P4353	64	23° 6' 20.138"	82° 24' 26.162"	P4354	64	23° 6' 19.353"	82° 24' 26.515"
P4355	64	23° 6' 18.967"	82° 24' 26.684"	P4356	64	23° 6' 18.735"	82° 24' 26.798"
P4357	64	23° 6' 18.601"	82° 24' 26.868"	P4358	64	23° 6' 18.402"	82° 24' 26.951"
P4359	64	23° 6' 18.252"	82° 24' 27.008"	P4360	64	23° 6' 18.050"	82° 24' 27.065"
P4361	64	23° 6' 17.861"	82° 24' 27.115"	P4362	64	23° 6' 17.524"	82° 24' 27.151"
P4363	64	23° 6' 17.323"	82° 24' 27.155"	P4364	64	23° 6' 16.793"	82° 24' 27.109"
P4365	64	23° 6' 16.329"	82° 24' 27.040"	P4366	64	23° 6' 15.868"	82° 24' 26.969"
P4367	64	23° 6' 15.232"	82° 24' 26.863"	P4368	64	23° 6' 14.860"	82° 24' 26.799"
P4369	64	23° 6' 14.474"	82° 24' 26.751"	P4370	64	23° 6' 13.835"	82° 24' 26.684"
P4371	64	23° 6' 13.569"	82° 24' 26.667"	P4372	64	23° 6' 13.287"	82° 24' 26.668"
P4373	64	23° 6' 12.966"	82° 24' 26.684"	P4374	64	23° 6' 12.325"	82° 24' 26.739"
P4375	64	23° 6' 11.771"	82° 24' 26.789"	P4376	64	23° 6' 11.023"	82° 24' 26.832"
P4377	64	23° 6' 10.637"	82° 24' 26.849"	P4378	64	23° 6' 10.315"	82° 24' 26.872"
P4379	64	23° 6' 9.959"	82° 24' 26.963"	P4380	64	23° 6' 9.202"	82° 24' 27.116"
P4381	64	23° 6' 8.769"	82° 24' 27.238"	P4382	64	23° 6' 8.564"	82° 24' 27.341"
P4383	64	23° 6' 8.257"	82° 24' 27.464"	P4384	64	23° 6' 7.876"	82° 24' 27.595"
P4385	64	23° 6' 7.620"	82° 24' 27.662"	P4386	64	23° 6' 7.162"	82° 24' 27.782"
P4387	64	23° 6' 6.787"	82° 24' 27.853"	P4388	64	23° 6' 6.094"	82° 24' 28.014"
P4389	64	23° 6' 5.692"	82° 24' 28.096"	P4390	64	23° 6' 5.575"	82° 24' 28.121"
P4391	64	23° 6' 5.333"	82° 24' 28.155"	P4392	64	23° 6' 5.067"	82° 24' 28.192"
P4393	64	23° 6' 4.802"	82° 24' 28.208"	P4394	64	23° 6' 4.451"	82° 24' 28.234"
P4395	64	23° 6' 4.045"	82° 24' 28.227"	P4396	64	23° 6' 3.317"	82° 24' 28.231"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4397	64	23° 6' 2.774"	82° 24' 28.206"	P4398	64	23° 6' 2.127"	82° 24' 28.170"
P4399	64	23° 6' 1.837"	82° 24' 28.137"	P4400	64	23° 6' 1.594"	82° 24' 28.098"
P4401	64	23° 6' 1.261"	82° 24' 28.028"	P4402	64	23° 6' 0.463"	82° 24' 27.816"
P4403	64	23° 5' 59.230"	82° 24' 27.484"	P4404	64	23° 5' 58.347"	82° 24' 27.258"
P4405	64	23° 5' 57.204"	82° 24' 26.941"	P4406	64	23° 5' 56.214"	82° 24' 26.701"
P4407	64	23° 5' 55.833"	82° 24' 26.615"	P4408	64	23° 5' 55.009"	82° 24' 26.444"
P4409	64	23° 5' 54.403"	82° 24' 26.319"	P4410	64	23° 5' 53.949"	82° 24' 26.219"
P4411	64	23° 5' 53.564"	82° 24' 26.110"	P4412	64	23° 5' 53.014"	82° 24' 25.910"
P4413	64	23° 5' 52.434"	82° 24' 25.688"	P4414	64	23° 5' 51.700"	82° 24' 25.413"
P4415	64	23° 5' 50.805"	82° 24' 25.084"	P4416	64	23° 5' 50.193"	82° 24' 24.887"
P4417	64	23° 5' 49.205"	82° 24' 24.576"	P4418	64	23° 5' 48.405"	82° 24' 24.335"
P4419	64	23° 5' 47.804"	82° 24' 24.147"	P4420	64	23° 5' 47.427"	82° 24' 24.054"
P4421	64	23° 5' 46.850"	82° 24' 23.909"	P4422	64	23° 5' 46.599"	82° 24' 23.863"
P4423	64	23° 5' 46.380"	82° 24' 23.823"	P4424	64	23° 5' 46.155"	82° 24' 23.818"
P4425	64	23° 5' 45.975"	82° 24' 23.856"	P4426	64	23° 5' 45.898"	82° 24' 23.849"
P4427	65	23° 1' 5.874"	82° 23' 15.481"	P4428	65	23° 1' 5.829"	82° 23' 15.423"
P4429	65	23° 1' 5.738"	82° 23' 15.327"	P4430	65	23° 1' 5.663"	82° 23' 15.249"
P4431	65	23° 1' 5.557"	82° 23' 15.142"	P4432	65	23° 1' 5.452"	82° 23' 15.047"
P4433	65	23° 1' 5.358"	82° 23' 14.964"	P4434	65	23° 1' 5.200"	82° 23' 14.832"
P4435	65	23° 1' 5.069"	82° 23' 14.726"	P4436	65	23° 1' 4.917"	82° 23' 14.612"
P4437	65	23° 1' 4.785"	82° 23' 14.520"	P4438	65	23° 1' 4.635"	82° 23' 14.424"
P4439	65	23° 1' 4.465"	82° 23' 14.314"	P4440	65	23° 1' 3.921"	82° 23' 13.939"
P4441	65	23° 1' 3.717"	82° 23' 13.810"	P4442	65	23° 1' 3.551"	82° 23' 13.696"
P4443	65	23° 1' 3.200"	82° 23' 13.450"	P4444	65	23° 1' 3.069"	82° 23' 13.353"
P4445	65	23° 1' 2.817"	82° 23' 13.156"	P4446	65	23° 1' 2.678"	82° 23' 13.044"
P4447	65	23° 1' 2.535"	82° 23' 12.914"	P4448	65	23° 1' 2.415"	82° 23' 12.802"
P4449	65	23° 1' 2.280"	82° 23' 12.669"	P4450	65	23° 1' 1.868"	82° 23' 12.246"
P4451	65	23° 1' 1.594"	82° 23' 11.947"	P4452	65	23° 1' 1.405"	82° 23' 11.731"
P4453	65	23° 1' 1.238"	82° 23' 11.540"	P4454	65	23° 1' 1.034"	82° 23' 11.328"
P4455	65	23° 1' 0.844"	82° 23' 11.143"	P4456	65	23° 1' 0.678"	82° 23' 10.982"
P4457	65	23° 1' 0.587"	82° 23' 10.905"	P4458	65	23° 1' 0.503"	82° 23' 10.839"
P4459	65	23° 1' 0.333"	82° 23' 10.704"	P4460	65	23° 1' 0.151"	82° 23' 10.565"
P4461	65	23° 1' 0.011"	82° 23' 10.457"	P4462	65	23° 0' 59.860"	82° 23' 10.359"
P4463	65	23° 0' 59.630"	82° 23' 10.218"	P4464	65	23° 0' 59.417"	82° 23' 10.084"
P4465	65	23° 0' 59.168"	82° 23' 9.930"	P4466	65	23° 0' 58.848"	82° 23' 9.725"
P4467	65	23° 0' 58.592"	82° 23' 9.552"	P4468	65	23° 0' 58.344"	82° 23' 9.388"
P4469	65	23° 0' 58.160"	82° 23' 9.263"	P4470	65	23° 0' 57.924"	82° 23' 9.105"
P4471	65	23° 0' 57.750"	82° 23' 8.966"	P4472	65	23° 0' 57.586"	82° 23' 8.823"
P4473	65	23° 0' 57.354"	82° 23' 8.611"	P4474	65	23° 0' 56.890"	82° 23' 8.200"
P4475	65	23° 0' 56.665"	82° 23' 7.983"	P4476	65	23° 0' 56.452"	82° 23' 7.783"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4477	65	23° 0' 56.265"	82° 23' 7.609"	P4478	65	23° 0' 55.965"	82° 23' 7.327"
P4479	65	23° 0' 55.546"	82° 23' 6.943"	P4480	65	23° 0' 55.066"	82° 23' 6.559"
P4481	65	23° 0' 54.819"	82° 23' 6.397"	P4482	65	23° 0' 54.707"	82° 23' 6.334"
P4483	65	23° 0' 54.441"	82° 23' 6.200"	P4484	65	23° 0' 54.133"	82° 23' 6.068"
P4485	65	23° 0' 53.876"	82° 23' 5.993"	P4486	65	23° 0' 53.809"	82° 23' 5.972"
P4487	65	23° 0' 53.592"	82° 23' 5.934"	P4488	65	23° 0' 53.443"	82° 23' 5.928"
P4489	65	23° 0' 53.318"	82° 23' 5.933"	P4490	65	23° 0' 53.208"	82° 23' 5.944"
P4491	65	23° 0' 53.089"	82° 23' 5.959"	P4492	65	23° 0' 52.879"	82° 23' 5.993"
P4493	65	23° 0' 52.633"	82° 23' 6.041"	P4494	65	23° 0' 52.529"	82° 23' 6.066"
P4495	65	23° 0' 52.407"	82° 23' 6.101"	P4496	65	23° 0' 52.307"	82° 23' 6.127"
P4497	65	23° 0' 52.091"	82° 23' 6.202"	P4498	65	23° 0' 51.831"	82° 23' 6.287"
P4499	65	23° 0' 51.175"	82° 23' 6.541"	P4500	65	23° 0' 50.863"	82° 23' 6.676"
P4501	65	23° 0' 50.564"	82° 23' 6.791"	P4502	65	23° 0' 50.339"	82° 23' 6.873"
P4503	65	23° 0' 50.020"	82° 23' 6.978"	P4504	65	23° 0' 49.688"	82° 23' 7.084"
P4505	65	23° 0' 49.454"	82° 23' 7.147"	P4506	65	23° 0' 49.303"	82° 23' 7.181"
P4507	65	23° 0' 49.176"	82° 23' 7.205"	P4508	65	23° 0' 49.097"	82° 23' 7.214"
P4509	65	23° 0' 49.013"	82° 23' 7.224"	P4510	65	23° 0' 48.896"	82° 23' 7.223"
P4511	65	23° 0' 48.781"	82° 23' 7.210"	P4512	65	23° 0' 48.707"	82° 23' 7.196"
P4513	65	23° 0' 48.631"	82° 23' 7.184"	P4514	65	23° 0' 48.527"	82° 23' 7.163"
P4515	65	23° 0' 48.410"	82° 23' 7.133"	P4516	65	23° 0' 48.328"	82° 23' 7.112"
P4517	65	23° 0' 48.233"	82° 23' 7.078"	P4518	65	23° 0' 48.140"	82° 23' 7.039"
P4519	65	23° 0' 48.023"	82° 23' 6.987"	P4520	65	23° 0' 47.941"	82° 23' 6.950"
P4521	65	23° 0' 47.854"	82° 23' 6.902"	P4522	65	23° 0' 47.780"	82° 23' 6.854"
P4523	65	23° 0' 47.715"	82° 23' 6.806"	P4524	65	23° 0' 47.657"	82° 23' 6.752"
P4525	65	23° 0' 47.602"	82° 23' 6.704"	P4526	65	23° 0' 47.542"	82° 23' 6.646"
P4527	65	23° 0' 47.507"	82° 23' 6.611"	P4528	65	23° 0' 47.313"	82° 23' 6.426"
P4529	65	23° 0' 47.009"	82° 23' 6.119"	P4530	65	23° 0' 46.793"	82° 23' 5.912"
P4531	65	23° 0' 46.358"	82° 23' 5.521"	P4532	65	23° 0' 46.251"	82° 23' 5.422"
P4533	65	23° 0' 46.179"	82° 23' 5.355"	P4534	65	23° 0' 46.130"	82° 23' 5.315"
P4535	65	23° 0' 46.074"	82° 23' 5.268"	P4536	65	23° 0' 46.022"	82° 23' 5.218"
P4537	65	23° 0' 45.997"	82° 23' 5.193"	P4538	65	23° 0' 45.974"	82° 23' 5.166"
P4539	65	23° 0' 45.962"	82° 23' 5.157"	P4540	65	23° 0' 45.873"	82° 23' 5.094"
P4541	65	23° 0' 45.834"	82° 23' 4.627"	P4542	65	23° 0' 45.835"	82° 23' 4.569"
P4543	65	23° 0' 45.837"	82° 23' 4.562"	P4544	65	23° 0' 45.841"	82° 23' 4.538"
P4545	65	23° 0' 45.847"	82° 23' 4.502"	P4546	65	23° 0' 45.854"	82° 23' 4.460"
P4547	65	23° 0' 45.864"	82° 23' 4.417"	P4548	65	23° 0' 45.875"	82° 23' 4.371"
P4549	65	23° 0' 45.887"	82° 23' 4.338"	P4550	65	23° 0' 45.923"	82° 23' 4.272"
P4551	65	23° 0' 45.970"	82° 23' 4.199"	P4552	65	23° 0' 46.019"	82° 23' 4.133"
P4553	65	23° 0' 46.116"	82° 23' 4.033"	P4554	65	23° 0' 46.172"	82° 23' 3.975"
P4555	65	23° 0' 46.256"	82° 23' 3.908"	P4556	65	23° 0' 46.446"	82° 23' 3.774"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4557	65	23° 0' 46.726"	82° 23' 3.584"	P4558	65	23° 0' 46.989"	82° 23' 3.428"
P4559	65	23° 0' 47.345"	82° 23' 3.218"	P4560	65	23° 0' 47.503"	82° 23' 3.131"
P4561	65	23° 0' 47.549"	82° 23' 3.101"	P4562	65	23° 0' 47.587"	82° 23' 3.074"
P4563	65	23° 0' 47.626"	82° 23' 3.041"	P4564	65	23° 0' 47.675"	82° 23' 2.999"
P4565	65	23° 0' 47.736"	82° 23' 2.939"	P4566	65	23° 0' 47.786"	82° 23' 2.880"
P4567	65	23° 0' 47.827"	82° 23' 2.832"	P4568	65	23° 0' 47.858"	82° 23' 2.791"
P4569	65	23° 0' 47.903"	82° 23' 2.716"	P4570	65	23° 0' 47.932"	82° 23' 2.669"
P4571	65	23° 0' 47.950"	82° 23' 2.622"	P4572	65	23° 0' 47.965"	82° 23' 2.580"
P4573	65	23° 0' 47.982"	82° 23' 2.509"	P4574	65	23° 0' 48.000"	82° 23' 2.424"
P4575	65	23° 0' 48.006"	82° 23' 2.358"	P4576	65	23° 0' 48.013"	82° 23' 2.205"
P4577	65	23° 0' 48.008"	82° 23' 2.057"	P4578	65	23° 0' 47.994"	82° 23' 1.813"
P4579	65	23° 0' 47.981"	82° 23' 1.624"	P4580	65	23° 0' 47.960"	82° 23' 1.306"
P4581	65	23° 0' 47.953"	82° 23' 1.175"	P4582	65	23° 0' 47.930"	82° 23' 0.965"
P4583	65	23° 0' 47.913"	82° 23' 0.773"	P4584	65	23° 0' 47.888"	82° 23' 0.574"
P4585	65	23° 0' 47.848"	82° 23' 0.256"	P4586	65	23° 0' 47.820"	82° 23' 0.027"
P4587	65	23° 0' 47.797"	82° 22' 59.664"	P4588	65	23° 0' 47.773"	82° 22' 59.390"
P4589	65	23° 0' 47.737"	82° 22' 59.025"	P4590	65	23° 0' 47.720"	82° 22' 58.809"
P4591	65	23° 0' 47.695"	82° 22' 58.478"	P4592	65	23° 0' 47.658"	82° 22' 58.134"
P4593	65	23° 0' 47.645"	82° 22' 57.994"	P4594	65	23° 0' 47.618"	82° 22' 57.814"
P4595	65	23° 0' 47.584"	82° 22' 57.650"	P4596	65	23° 0' 47.541"	82° 22' 57.425"
P4597	65	23° 0' 47.481"	82° 22' 57.170"	P4598	65	23° 0' 47.442"	82° 22' 57.007"
P4599	65	23° 0' 47.393"	82° 22' 56.814"	P4600	65	23° 0' 47.270"	82° 22' 56.339"
P4601	65	23° 0' 47.147"	82° 22' 55.880"	P4602	65	23° 0' 47.073"	82° 22' 55.614"
P4603	65	23° 0' 47.015"	82° 22' 55.409"	P4604	65	23° 0' 46.929"	82° 22' 55.111"
P4605	65	23° 0' 46.871"	82° 22' 54.908"	P4606	65	23° 0' 46.797"	82° 22' 54.689"
P4607	65	23° 0' 46.710"	82° 22' 54.431"	P4608	65	23° 0' 46.653"	82° 22' 54.252"
P4609	65	23° 0' 46.630"	82° 22' 54.209"	P4610	65	23° 0' 46.583"	82° 22' 54.118"
P4611	65	23° 0' 46.579"	82° 22' 54.098"	P4612	66	23° 2' 59.295"	82° 26' 9.810"
P4613	66	23° 2' 59.310"	82° 26' 9.762"	P4614	66	23° 2' 59.387"	82° 26' 9.555"
P4615	66	23° 2' 59.483"	82° 26' 9.286"	P4616	66	23° 2' 59.610"	82° 26' 8.908"
P4617	66	23° 2' 59.714"	82° 26' 8.583"	P4618	66	23° 2' 59.798"	82° 26' 8.311"
P4619	66	23° 2' 59.891"	82° 26' 8.033"	P4620	66	23° 2' 59.956"	82° 26' 7.824"
P4621	66	23° 3' 0.023"	82° 26' 7.612"	P4622	66	23° 3' 0.092"	82° 26' 7.383"
P4623	66	23° 3' 0.159"	82° 26' 7.163"	P4624	66	23° 3' 0.231"	82° 26' 6.930"
P4625	66	23° 3' 0.312"	82° 26' 6.657"	P4626	66	23° 3' 0.394"	82° 26' 6.395"
P4627	66	23° 3' 0.457"	82° 26' 6.198"	P4628	66	23° 3' 0.523"	82° 26' 5.989"
P4629	66	23° 3' 0.618"	82° 26' 5.713"	P4630	66	23° 3' 0.705"	82° 26' 5.505"
P4631	66	23° 3' 0.769"	82° 26' 5.375"	P4632	66	23° 3' 0.844"	82° 26' 5.245"
P4633	66	23° 3' 0.899"	82° 26' 5.166"	P4634	66	23° 3' 1.014"	82° 26' 5.021"
P4635	66	23° 3' 1.109"	82° 26' 4.918"	P4636	66	23° 3' 1.150"	82° 26' 4.882"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4637	66	23° 3' 1.221"	82° 26' 4.819"	P4638	66	23° 3' 1.296"	82° 26' 4.761"
P4639	66	23° 3' 1.363"	82° 26' 4.709"	P4640	66	23° 3' 1.431"	82° 26' 4.663"
P4641	66	23° 3' 1.527"	82° 26' 4.603"	P4642	66	23° 3' 1.612"	82° 26' 4.554"
P4643	66	23° 3' 1.720"	82° 26' 4.501"	P4644	66	23° 3' 1.823"	82° 26' 4.457"
P4645	66	23° 3' 1.924"	82° 26' 4.413"	P4646	66	23° 3' 2.129"	82° 26' 4.333"
P4647	66	23° 3' 2.350"	82° 26' 4.252"	P4648	66	23° 3' 2.479"	82° 26' 4.201"
P4649	66	23° 3' 2.656"	82° 26' 4.132"	P4650	66	23° 3' 2.871"	82° 26' 4.049"
P4651	66	23° 3' 3.195"	82° 26' 3.928"	P4652	66	23° 3' 3.467"	82° 26' 3.822"
P4653	66	23° 3' 3.751"	82° 26' 3.711"	P4654	66	23° 3' 4.006"	82° 26' 3.612"
P4655	66	23° 3' 4.289"	82° 26' 3.499"	P4656	66	23° 3' 4.566"	82° 26' 3.392"
P4657	66	23° 3' 4.821"	82° 26' 3.290"	P4658	66	23° 3' 5.061"	82° 26' 3.200"
P4659	66	23° 3' 5.279"	82° 26' 3.114"	P4660	66	23° 3' 5.649"	82° 26' 2.969"
P4661	66	23° 3' 5.859"	82° 26' 2.883"	P4662	66	23° 3' 6.097"	82° 26' 2.787"
P4663	66	23° 3' 6.309"	82° 26' 2.700"	P4664	66	23° 3' 6.548"	82° 26' 2.605"
P4665	66	23° 3' 6.860"	82° 26' 2.482"	P4666	66	23° 3' 7.100"	82° 26' 2.386"
P4667	66	23° 3' 7.304"	82° 26' 2.304"	P4668	66	23° 3' 7.449"	82° 26' 2.242"
P4669	66	23° 3' 7.647"	82° 26' 2.161"	P4670	66	23° 3' 7.849"	82° 26' 2.079"
P4671	66	23° 3' 8.128"	82° 26' 1.964"	P4672	66	23° 3' 8.333"	82° 26' 1.885"
P4673	66	23° 3' 8.539"	82° 26' 1.802"	P4674	66	23° 3' 8.855"	82° 26' 1.675"
P4675	66	23° 3' 9.212"	82° 26' 1.539"	P4676	66	23° 3' 9.458"	82° 26' 1.445"
P4677	66	23° 3' 9.514"	82° 26' 1.426"	P4678	66	23° 3' 9.666"	82° 26' 1.366"
P4679	66	23° 3' 9.930"	82° 26' 1.270"	P4680	66	23° 3' 10.240"	82° 26' 1.151"
P4681	66	23° 3' 10.799"	82° 26' 0.944"	P4682	66	23° 3' 10.973"	82° 26' 0.872"
P4683	66	23° 3' 11.180"	82° 26' 0.785"	P4684	66	23° 3' 11.248"	82° 26' 0.754"
P4685	66	23° 3' 11.371"	82° 26' 0.696"	P4686	66	23° 3' 11.418"	82° 26' 0.668"
P4687	66	23° 3' 11.458"	82° 26' 0.647"	P4688	66	23° 3' 11.542"	82° 26' 0.592"
P4689	66	23° 3' 11.578"	82° 26' 0.564"	P4690	66	23° 3' 11.610"	82° 26' 0.539"
P4691	66	23° 3' 11.684"	82° 26' 0.472"	P4692	66	23° 3' 11.742"	82° 26' 0.410"
P4693	66	23° 3' 11.790"	82° 26' 0.353"	P4694	66	23° 3' 11.864"	82° 26' 0.257"
P4695	66	23° 3' 11.919"	82° 26' 0.181"	P4696	66	23° 3' 11.960"	82° 26' 0.119"
P4697	66	23° 3' 11.995"	82° 26' 0.061"	P4698	66	23° 3' 12.062"	82° 25' 59.933"
P4699	66	23° 3' 12.107"	82° 25' 59.840"	P4700	66	23° 3' 12.128"	82° 25' 59.793"
P4701	66	23° 3' 12.168"	82° 25' 59.685"	P4702	66	23° 3' 12.214"	82° 25' 59.547"
P4703	66	23° 3' 12.304"	82° 25' 59.248"	P4704	66	23° 3' 12.331"	82° 25' 59.159"
P4705	66	23° 3' 12.377"	82° 25' 58.990"	P4706	66	23° 3' 12.434"	82° 25' 58.777"
P4707	66	23° 3' 12.472"	82° 25' 58.605"	P4708	66	23° 3' 12.529"	82° 25' 58.368"
P4709	66	23° 3' 12.584"	82° 25' 58.125"	P4710	66	23° 3' 12.645"	82° 25' 57.813"
P4711	66	23° 3' 12.713"	82° 25' 57.578"	P4712	67	23° 2' 35.154"	82° 32' 54.734"
P4713	67	23° 2' 35.122"	82° 32' 54.982"	P4714	67	23° 2' 34.942"	82° 32' 55.762"
P4715	67	23° 2' 34.768"	82° 32' 56.362"	P4716	67	23° 2' 34.565"	82° 32' 57.167"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4717	67	23° 2' 34.526"	82° 32' 57.345"	P4718	67	23° 2' 34.456"	82° 32' 57.686"
P4719	67	23° 2' 34.382"	82° 32' 58.222"	P4720	67	23° 2' 34.335"	82° 32' 58.688"
P4721	67	23° 2' 34.231"	82° 32' 59.405"	P4722	67	23° 2' 34.033"	82° 33' 0.251"
P4723	67	23° 2' 33.946"	82° 33' 0.542"	P4724	67	23° 2' 33.865"	82° 33' 0.737"
P4725	67	23° 2' 33.814"	82° 33' 0.841"	P4726	67	23° 2' 33.755"	82° 33' 0.935"
P4727	67	23° 2' 33.688"	82° 33' 1.015"	P4728	67	23° 2' 33.623"	82° 33' 1.073"
P4729	67	23° 2' 33.544"	82° 33' 1.126"	P4730	67	23° 2' 33.152"	82° 33' 1.372"
P4731	67	23° 2' 32.869"	82° 33' 1.560"	P4732	67	23° 2' 32.697"	82° 33' 1.694"
P4733	67	23° 2' 32.558"	82° 33' 1.826"	P4734	67	23° 2' 32.438"	82° 33' 1.978"
P4735	67	23° 2' 32.330"	82° 33' 2.175"	P4736	67	23° 2' 32.213"	82° 33' 2.408"
P4737	67	23° 2' 32.127"	82° 33' 2.636"	P4738	67	23° 2' 32.055"	82° 33' 2.961"
P4739	67	23° 2' 32.037"	82° 33' 3.312"	P4740	67	23° 2' 32.130"	82° 33' 4.825"
P4741	67	23° 2' 32.169"	82° 33' 5.777"	P4742	67	23° 2' 32.206"	82° 33' 6.312"
P4743	67	23° 2' 32.288"	82° 33' 7.051"	P4744	67	23° 2' 32.349"	82° 33' 7.680"
P4745	67	23° 2' 32.376"	82° 33' 8.269"	P4746	67	23° 2' 32.398"	82° 33' 8.872"
P4747	67	23° 2' 32.400"	82° 33' 9.375"	P4748	67	23° 2' 32.369"	82° 33' 10.023"
P4749	67	23° 2' 32.338"	82° 33' 10.351"	P4750	67	23° 2' 32.272"	82° 33' 10.700"
P4751	67	23° 2' 32.164"	82° 33' 11.102"	P4752	67	23° 2' 32.012"	82° 33' 11.548"
P4753	67	23° 2' 31.920"	82° 33' 11.768"	P4754	67	23° 2' 31.778"	82° 33' 12.040"
P4755	67	23° 2' 31.695"	82° 33' 12.214"	P4756	67	23° 2' 31.457"	82° 33' 12.545"
P4757	67	23° 2' 31.147"	82° 33' 13.020"	P4758	68	23° 5' 46.083"	82° 24' 26.469"
P4759	68	23° 5' 46.078"	82° 24' 26.400"	P4760	68	23° 5' 46.056"	82° 24' 25.848"
P4761	68	23° 5' 46.014"	82° 24' 24.904"	P4762	68	23° 5' 46.003"	82° 24' 24.577"
P4763	68	23° 5' 46.008"	82° 24' 24.370"	P4764	68	23° 5' 46.002"	82° 24' 24.254"
P4765	68	23° 5' 45.950"	82° 24' 24.062"	P4766	68	23° 5' 45.929"	82° 24' 23.981"
P4767	68	23° 5' 45.912"	82° 24' 23.918"	P4768	68	23° 5' 45.898"	82° 24' 23.849"
P4769	69	23° 4' 52.286"	82° 25' 57.272"	P4770	69	23° 4' 52.369"	82° 25' 57.205"
P4771	69	23° 4' 52.595"	82° 25' 56.980"	P4772	69	23° 4' 52.754"	82° 25' 56.846"
P4773	69	23° 4' 52.996"	82° 25' 56.623"	P4774	69	23° 4' 53.273"	82° 25' 56.351"
P4775	69	23° 4' 53.463"	82° 25' 56.103"	P4776	69	23° 4' 53.593"	82° 25' 55.899"
P4777	69	23° 4' 53.835"	82° 25' 55.526"	P4778	69	23° 4' 54.342"	82° 25' 54.882"
P4779	69	23° 4' 55.203"	82° 25' 53.843"	P4780	69	23° 4' 56.030"	82° 25' 52.855"
P4781	69	23° 4' 56.262"	82° 25' 52.553"	P4782	69	23° 4' 56.376"	82° 25' 52.403"
P4783	69	23° 4' 56.591"	82° 25' 52.234"	P4784	69	23° 4' 56.976"	82° 25' 51.994"
P4785	69	23° 4' 57.278"	82° 25' 51.778"	P4786	69	23° 4' 57.412"	82° 25' 51.659"
P4787	69	23° 4' 57.708"	82° 25' 51.352"	P4788	69	23° 4' 57.997"	82° 25' 50.966"
P4789	69	23° 4' 58.369"	82° 25' 50.412"	P4790	69	23° 4' 58.552"	82° 25' 50.094"
P4791	69	23° 4' 58.631"	82° 25' 49.831"	P4792	69	23° 4' 58.652"	82° 25' 49.649"
P4793	69	23° 4' 58.664"	82° 25' 49.485"	P4794	69	23° 4' 58.673"	82° 25' 49.146"
P4795	69	23° 4' 58.652"	82° 25' 48.081"	P4796	69	23° 4' 58.663"	82° 25' 47.103"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4797	69	23° 4' 58.693"	82° 25' 46.431"	P4798	69	23° 4' 58.689"	82° 25' 45.987"
P4799	69	23° 4' 58.703"	82° 25' 45.352"	P4800	69	23° 4' 58.747"	82° 25' 44.928"
P4801	69	23° 4' 58.839"	82° 25' 44.630"	P4802	69	23° 4' 59.075"	82° 25' 44.165"
P4803	69	23° 4' 59.264"	82° 25' 43.786"	P4804	69	23° 4' 59.509"	82° 25' 43.459"
P4805	69	23° 4' 59.537"	82° 25' 43.422"	P4806	69	23° 4' 59.589"	82° 25' 43.390"
P4807	69	23° 4' 59.715"	82° 25' 43.363"	P4808	69	23° 4' 59.839"	82° 25' 43.347"
P4809	69	23° 4' 59.912"	82° 25' 43.341"	P4810	69	23° 5' 0.055"	82° 25' 43.331"
P4811	69	23° 5' 0.178"	82° 25' 43.333"	P4812	69	23° 5' 0.379"	82° 25' 43.361"
P4813	69	23° 5' 0.625"	82° 25' 43.408"	P4814	69	23° 5' 0.898"	82° 25' 43.459"
P4815	69	23° 5' 1.380"	82° 25' 43.539"	P4816	69	23° 5' 1.871"	82° 25' 43.620"
P4817	69	23° 5' 2.232"	82° 25' 43.692"	P4818	69	23° 5' 2.487"	82° 25' 43.731"
P4819	69	23° 5' 2.704"	82° 25' 43.768"	P4820	69	23° 5' 2.830"	82° 25' 43.802"
P4821	69	23° 5' 3.032"	82° 25' 43.881"	P4822	69	23° 5' 3.267"	82° 25' 43.980"
P4823	69	23° 5' 3.544"	82° 25' 44.089"	P4824	69	23° 5' 3.764"	82° 25' 44.172"
P4825	69	23° 5' 3.938"	82° 25' 44.247"	P4826	69	23° 5' 4.084"	82° 25' 44.299"
P4827	69	23° 5' 4.219"	82° 25' 44.345"	P4828	69	23° 5' 4.298"	82° 25' 44.367"
P4829	69	23° 5' 4.341"	82° 25' 44.372"	P4830	69	23° 5' 4.404"	82° 25' 44.364"
P4831	69	23° 5' 4.443"	82° 25' 44.352"	P4832	69	23° 5' 4.479"	82° 25' 44.332"
P4833	69	23° 5' 4.513"	82° 25' 44.307"	P4834	69	23° 5' 4.537"	82° 25' 44.298"
P4835	69	23° 5' 4.557"	82° 25' 44.279"	P4836	69	23° 5' 4.629"	82° 25' 44.215"
P4837	69	23° 5' 5.092"	82° 25' 43.644"	P4838	69	23° 5' 5.159"	82° 25' 43.570"
P4839	69	23° 5' 5.179"	82° 25' 43.526"	P4840	69	23° 5' 5.392"	82° 25' 43.258"
P4841	69	23° 5' 5.620"	82° 25' 43.014"	P4842	69	23° 5' 5.767"	82° 25' 42.836"
P4843	69	23° 5' 5.953"	82° 25' 42.604"	P4844	69	23° 5' 6.061"	82° 25' 42.455"
P4845	69	23° 5' 6.178"	82° 25' 42.300"	P4846	69	23° 5' 6.296"	82° 25' 42.157"
P4847	69	23° 5' 6.333"	82° 25' 42.110"	P4848	69	23° 5' 6.391"	82° 25' 42.016"
P4849	69	23° 5' 6.433"	82° 25' 41.940"	P4850	69	23° 5' 6.484"	82° 25' 41.845"
P4851	69	23° 5' 6.527"	82° 25' 41.758"	P4852	69	23° 5' 6.572"	82° 25' 41.632"
P4853	69	23° 5' 6.647"	82° 25' 41.423"	P4854	69	23° 5' 6.707"	82° 25' 41.299"
P4855	69	23° 5' 6.785"	82° 25' 41.169"	P4856	69	23° 5' 6.857"	82° 25' 41.073"
P4857	69	23° 5' 7.068"	82° 25' 40.803"	P4858	69	23° 5' 7.203"	82° 25' 40.656"
P4859	69	23° 5' 7.361"	82° 25' 40.481"	P4860	69	23° 5' 7.488"	82° 25' 40.368"
P4861	69	23° 5' 7.621"	82° 25' 40.272"	P4862	69	23° 5' 7.791"	82° 25' 40.171"
P4863	69	23° 5' 7.869"	82° 25' 40.129"	P4864	69	23° 5' 7.942"	82° 25' 40.087"
P4865	69	23° 5' 8.134"	82° 25' 39.999"	P4866	69	23° 5' 8.257"	82° 25' 39.929"
P4867	69	23° 5' 8.299"	82° 25' 39.889"	P4868	69	23° 5' 8.339"	82° 25' 39.829"
P4869	69	23° 5' 8.374"	82° 25' 39.768"	P4870	69	23° 5' 8.384"	82° 25' 39.741"
P4871	69	23° 5' 8.389"	82° 25' 39.705"	P4872	69	23° 5' 8.398"	82° 25' 39.665"
P4873	69	23° 5' 8.402"	82° 25' 39.623"	P4874	69	23° 5' 8.390"	82° 25' 39.546"
P4875	69	23° 5' 8.347"	82° 25' 39.415"	P4876	69	23° 5' 8.242"	82° 25' 39.136"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4877	69	23° 5' 8.168"	82° 25' 38.861"	P4878	69	23° 5' 8.144"	82° 25' 38.764"
P4879	69	23° 5' 8.126"	82° 25' 38.684"	P4880	69	23° 5' 8.118"	82° 25' 38.627"
P4881	69	23° 5' 8.115"	82° 25' 38.546"	P4882	69	23° 5' 8.112"	82° 25' 38.420"
P4883	69	23° 5' 8.111"	82° 25' 38.102"	P4884	69	23° 5' 8.129"	82° 25' 37.469"
P4885	69	23° 5' 8.132"	82° 25' 36.832"	P4886	69	23° 5' 8.132"	82° 25' 36.518"
P4887	69	23° 5' 8.138"	82° 25' 36.348"	P4888	69	23° 5' 8.143"	82° 25' 36.169"
P4889	69	23° 5' 8.143"	82° 25' 36.006"	P4890	69	23° 5' 8.136"	82° 25' 35.876"
P4891	69	23° 5' 8.117"	82° 25' 35.656"	P4892	69	23° 5' 8.102"	82° 25' 35.486"
P4893	69	23° 5' 8.080"	82° 25' 35.287"	P4894	69	23° 5' 8.052"	82° 25' 35.138"
P4895	69	23° 5' 7.998"	82° 25' 34.886"	P4896	69	23° 5' 7.942"	82° 25' 34.594"
P4897	69	23° 5' 7.910"	82° 25' 34.375"	P4898	69	23° 5' 7.888"	82° 25' 34.129"
P4899	69	23° 5' 7.869"	82° 25' 33.971"	P4900	69	23° 5' 7.863"	82° 25' 33.753"
P4901	69	23° 5' 7.870"	82° 25' 33.473"	P4902	69	23° 5' 7.884"	82° 25' 33.229"
P4903	69	23° 5' 7.902"	82° 25' 33.069"	P4904	70	23° 5' 43.501"	82° 24' 30.920"
P4905	70	23° 5' 43.665"	82° 24' 30.818"	P4906	70	23° 5' 44.031"	82° 24' 30.605"
P4907	70	23° 5' 44.189"	82° 24' 30.492"	P4908	70	23° 5' 44.428"	82° 24' 30.289"
P4909	70	23° 5' 44.655"	82° 24' 30.081"	P4910	70	23° 5' 44.852"	82° 24' 29.895"
P4911	70	23° 5' 45.041"	82° 24' 29.654"	P4912	70	23° 5' 45.277"	82° 24' 29.316"
P4913	70	23° 5' 45.607"	82° 24' 28.833"	P4914	70	23° 5' 45.787"	82° 24' 28.549"
P4915	70	23° 5' 45.945"	82° 24' 28.280"	P4916	70	23° 5' 45.993"	82° 24' 28.141"
P4917	70	23° 5' 46.051"	82° 24' 27.880"	P4918	70	23° 5' 46.096"	82° 24' 27.556"
P4919	70	23° 5' 46.122"	82° 24' 27.302"	P4920	70	23° 5' 46.123"	82° 24' 26.958"
P4921	70	23° 5' 46.121"	82° 24' 26.932"	P4922	71	23° 6' 43.815"	82° 28' 18.592"
P4923	71	23° 6' 43.614"	82° 28' 18.169"	P4924	71	23° 6' 43.210"	82° 28' 17.319"
P4925	71	23° 6' 43.123"	82° 28' 17.118"	P4926	71	23° 6' 42.996"	82° 28' 16.774"
P4927	71	23° 6' 42.885"	82° 28' 16.537"	P4928	71	23° 6' 42.845"	82° 28' 16.465"
P4929	71	23° 6' 42.770"	82° 28' 16.357"	P4930	71	23° 6' 42.695"	82° 28' 16.254"
P4931	71	23° 6' 42.465"	82° 28' 15.950"	P4932	71	23° 6' 42.198"	82° 28' 15.559"
P4933	71	23° 6' 41.920"	82° 28' 15.104"	P4934	71	23° 6' 41.775"	82° 28' 14.832"
P4935	71	23° 6' 41.625"	82° 28' 14.520"	P4936	71	23° 6' 41.458"	82° 28' 14.172"
P4937	71	23° 6' 41.384"	82° 28' 14.008"	P4938	71	23° 6' 41.319"	82° 28' 13.820"
P4939	71	23° 6' 41.281"	82° 28' 13.690"	P4940	71	23° 6' 41.244"	82° 28' 13.505"
P4941	71	23° 6' 41.213"	82° 28' 13.319"	P4942	71	23° 6' 41.195"	82° 28' 13.128"
P4943	71	23° 6' 41.184"	82° 28' 12.809"	P4944	71	23° 6' 41.212"	82° 28' 12.421"
P4945	71	23° 6' 41.249"	82° 28' 12.066"	P4946	71	23° 6' 41.326"	82° 28' 11.506"
P4947	71	23° 6' 41.398"	82° 28' 11.081"	P4948	71	23° 6' 41.479"	82° 28' 10.673"
P4949	71	23° 6' 41.583"	82° 28' 10.185"	P4950	71	23° 6' 41.654"	82° 28' 9.773"
P4951	71	23° 6' 41.681"	82° 28' 9.488"	P4952	71	23° 6' 41.686"	82° 28' 9.341"
P4953	71	23° 6' 41.677"	82° 28' 9.174"	P4954	71	23° 6' 41.646"	82° 28' 8.966"
P4955	71	23° 6' 41.609"	82° 28' 8.797"	P4956	71	23° 6' 41.600"	82° 28' 8.653"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P4957	71	23° 6' 41.513"	82° 28' 8.477"	P4958	71	23° 6' 41.499"	82° 28' 8.387"
P4959	71	23° 6' 41.452"	82° 28' 8.160"	P4960	71	23° 6' 41.373"	82° 28' 7.724"
P4961	71	23° 6' 41.337"	82° 28' 7.423"	P4962	71	23° 6' 41.285"	82° 28' 6.877"
P4963	71	23° 6' 41.254"	82° 28' 6.455"	P4964	71	23° 6' 41.182"	82° 28' 5.891"
P4965	71	23° 6' 41.146"	82° 28' 5.811"	P4966	71	23° 6' 41.157"	82° 28' 5.692"
P4967	71	23° 6' 41.036"	82° 28' 4.899"	P4968	71	23° 6' 40.984"	82° 28' 4.396"
P4969	71	23° 6' 40.927"	82° 28' 3.727"	P4970	71	23° 6' 40.912"	82° 28' 3.555"
P4971	71	23° 6' 40.874"	82° 28' 3.028"	P4972	71	23° 6' 40.902"	82° 28' 2.280"
P4973	71	23° 6' 40.958"	82° 28' 1.563"	P4974	71	23° 6' 40.982"	82° 28' 1.298"
P4975	71	23° 6' 41.008"	82° 28' 1.070"	P4976	71	23° 6' 41.014"	82° 28' 0.843"
P4977	71	23° 6' 41.017"	82° 28' 0.554"	P4978	71	23° 6' 41.000"	82° 28' 0.185"
P4979	71	23° 6' 40.978"	82° 27' 59.942"	P4980	71	23° 6' 40.938"	82° 27' 59.604"
P4981	71	23° 6' 40.884"	82° 27' 59.410"	P4982	71	23° 6' 40.704"	82° 27' 58.913"
P4983	71	23° 6' 40.566"	82° 27' 58.523"	P4984	71	23° 6' 40.494"	82° 27' 58.274"
P4985	71	23° 6' 40.445"	82° 27' 58.058"	P4986	71	23° 6' 40.386"	82° 27' 57.762"
P4987	71	23° 6' 40.387"	82° 27' 57.627"	P4988	71	23° 6' 40.319"	82° 27' 56.975"
P4989	71	23° 6' 40.282"	82° 27' 56.700"	P4990	71	23° 6' 40.238"	82° 27' 56.490"
P4991	71	23° 6' 40.228"	82° 27' 56.370"	P4992	71	23° 6' 40.107"	82° 27' 56.179"
P4993	71	23° 6' 40.066"	82° 27' 55.949"	P4994	71	23° 6' 40.031"	82° 27' 55.743"
P4995	71	23° 6' 40.037"	82° 27' 55.568"	P4996	71	23° 6' 40.052"	82° 27' 55.465"
P4997	71	23° 6' 40.069"	82° 27' 55.384"	P4998	71	23° 6' 40.102"	82° 27' 55.274"
P4999	71	23° 6' 40.188"	82° 27' 55.068"	P5000	71	23° 6' 40.308"	82° 27' 54.817"
P5001	71	23° 6' 40.585"	82° 27' 54.332"	P5002	71	23° 6' 40.989"	82° 27' 53.580"
P5003	71	23° 6' 41.157"	82° 27' 53.237"	P5004	71	23° 6' 41.242"	82° 27' 53.004"
P5005	71	23° 6' 41.283"	82° 27' 52.853"	P5006	71	23° 6' 41.336"	82° 27' 52.581"
P5007	71	23° 6' 41.568"	82° 27' 51.376"	P5008	71	23° 6' 41.641"	82° 27' 51.002"
P5009	71	23° 6' 41.942"	82° 27' 49.573"	P5010	71	23° 6' 41.983"	82° 27' 49.276"
P5011	71	23° 6' 42.041"	82° 27' 49.039"	P5012	71	23° 6' 42.168"	82° 27' 48.468"
P5013	71	23° 6' 42.268"	82° 27' 47.855"	P5014	71	23° 6' 42.384"	82° 27' 46.908"
P5015	71	23° 6' 42.454"	82° 27' 46.451"	P5016	71	23° 6' 42.518"	82° 27' 46.228"
P5017	71	23° 6' 42.576"	82° 27' 45.949"	P5018	71	23° 6' 42.707"	82° 27' 45.256"
P5019	71	23° 6' 42.757"	82° 27' 44.823"	P5020	71	23° 6' 42.789"	82° 27' 44.481"
P5021	71	23° 6' 42.791"	82° 27' 44.179"	P5022	71	23° 6' 42.773"	82° 27' 43.909"
P5023	71	23° 6' 42.727"	82° 27' 43.596"	P5024	71	23° 6' 42.541"	82° 27' 42.712"
P5025	71	23° 6' 42.278"	82° 27' 41.543"	P5026	71	23° 6' 41.880"	82° 27' 39.885"
P5027	71	23° 6' 41.807"	82° 27' 39.798"	P5028	71	23° 6' 41.703"	82° 27' 39.266"
P5029	71	23° 6' 41.700"	82° 27' 39.257"	P5030	71	23° 6' 41.722"	82° 27' 39.139"
P5031	71	23° 6' 41.286"	82° 27' 37.673"	P5032	71	23° 6' 40.900"	82° 27' 36.266"
P5033	71	23° 6' 40.821"	82° 27' 35.934"	P5034	72	23° 6' 43.893"	82° 30' 16.728"
P5035	72	23° 6' 43.805"	82° 30' 16.301"	P5036	72	23° 6' 43.726"	82° 30' 15.926"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5037	72	23° 6' 43.600"	82° 30' 15.319"	P5038	72	23° 6' 43.508"	82° 30' 14.925"
P5039	72	23° 6' 43.456"	82° 30' 14.725"	P5040	72	23° 6' 43.405"	82° 30' 14.537"
P5041	72	23° 6' 43.358"	82° 30' 14.398"	P5042	72	23° 6' 43.285"	82° 30' 14.155"
P5043	72	23° 6' 43.181"	82° 30' 13.820"	P5044	72	23° 6' 43.106"	82° 30' 13.612"
P5045	72	23° 6' 42.996"	82° 30' 13.316"	P5046	72	23° 6' 42.860"	82° 30' 12.984"
P5047	72	23° 6' 42.675"	82° 30' 12.527"	P5048	72	23° 6' 42.486"	82° 30' 12.047"
P5049	72	23° 6' 42.233"	82° 30' 11.369"	P5050	72	23° 6' 41.973"	82° 30' 10.698"
P5051	72	23° 6' 41.812"	82° 30' 10.281"	P5052	72	23° 6' 41.610"	82° 30' 9.720"
P5053	73	23° 6' 41.610"	82° 30' 9.720"	P5054	73	23° 6' 41.569"	82° 30' 9.607"
P5055	73	23° 6' 41.315"	82° 30' 8.920"	P5056	73	23° 6' 41.034"	82° 30' 8.231"
P5057	73	23° 6' 40.752"	82° 30' 7.573"	P5058	73	23° 6' 40.612"	82° 30' 7.178"
P5059	73	23° 6' 40.493"	82° 30' 6.854"	P5060	73	23° 6' 40.282"	82° 30' 6.308"
P5061	73	23° 6' 40.118"	82° 30' 5.783"	P5062	73	23° 6' 39.948"	82° 30' 5.203"
P5063	73	23° 6' 39.862"	82° 30' 4.878"	P5064	73	23° 6' 39.797"	82° 30' 4.609"
P5065	73	23° 6' 39.755"	82° 30' 4.407"	P5066	73	23° 6' 39.717"	82° 30' 4.204"
P5067	73	23° 6' 39.654"	82° 30' 3.710"	P5068	73	23° 6' 39.587"	82° 30' 3.047"
P5069	73	23° 6' 39.567"	82° 30' 2.705"	P5070	73	23° 6' 39.559"	82° 30' 2.414"
P5071	73	23° 6' 39.575"	82° 30' 1.929"	P5072	73	23° 6' 39.691"	82° 30' 0.547"
P5073	73	23° 6' 39.826"	82° 29' 58.933"	P5074	73	23° 6' 39.957"	82° 29' 57.851"
P5075	73	23° 6' 40.088"	82° 29' 56.918"	P5076	73	23° 6' 40.093"	82° 29' 56.819"
P5077	73	23° 6' 40.157"	82° 29' 56.359"	P5078	73	23° 6' 40.234"	82° 29' 55.788"
P5079	73	23° 6' 40.352"	82° 29' 54.435"	P5080	73	23° 6' 40.405"	82° 29' 53.846"
P5081	73	23° 6' 40.424"	82° 29' 53.297"	P5082	73	23° 6' 40.426"	82° 29' 52.548"
P5083	73	23° 6' 40.433"	82° 29' 51.173"	P5084	73	23° 6' 40.442"	82° 29' 50.554"
P5085	73	23° 6' 40.449"	82° 29' 50.261"	P5086	73	23° 6' 40.452"	82° 29' 49.812"
P5087	73	23° 6' 40.489"	82° 29' 48.866"	P5088	73	23° 6' 40.581"	82° 29' 47.423"
P5089	73	23° 6' 40.616"	82° 29' 46.723"	P5090	73	23° 6' 40.692"	82° 29' 45.903"
P5091	73	23° 6' 40.717"	82° 29' 45.329"	P5092	73	23° 6' 40.431"	82° 29' 45.191"
P5093	73	23° 6' 40.431"	82° 29' 45.191"	P5094	73	23° 6' 40.700"	82° 29' 45.149"
P5095	73	23° 6' 40.718"	82° 29' 45.121"	P5096	73	23° 6' 40.753"	82° 29' 44.791"
P5097	73	23° 6' 40.751"	82° 29' 44.545"	P5098	73	23° 6' 40.748"	82° 29' 44.289"
P5099	73	23° 6' 40.691"	82° 29' 43.361"	P5100	73	23° 6' 40.658"	82° 29' 42.983"
P5101	73	23° 6' 40.641"	82° 29' 42.692"	P5102	73	23° 6' 40.628"	82° 29' 42.307"
P5103	73	23° 6' 40.625"	82° 29' 41.512"	P5104	73	23° 6' 40.612"	82° 29' 40.844"
P5105	73	23° 6' 40.595"	82° 29' 40.095"	P5106	73	23° 6' 40.574"	82° 29' 39.580"
P5107	73	23° 6' 40.569"	82° 29' 39.052"	P5108	73	23° 6' 40.600"	82° 29' 38.639"
P5109	73	23° 6' 40.584"	82° 29' 38.482"	P5110	73	23° 6' 40.557"	82° 29' 37.758"
P5111	73	23° 6' 40.529"	82° 29' 37.140"	P5112	73	23° 6' 40.514"	82° 29' 36.620"
P5113	73	23° 6' 40.462"	82° 29' 35.719"	P5114	73	23° 6' 40.391"	82° 29' 34.909"
P5115	73	23° 6' 40.363"	82° 29' 34.425"	P5116	73	23° 6' 40.291"	82° 29' 33.332"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5117	73	23° 6' 40.238"	82° 29' 32.624"	P5118	73	23° 6' 40.229"	82° 29' 32.422"
P5119	73	23° 6' 40.217"	82° 29' 32.040"	P5120	73	23° 6' 40.207"	82° 29' 31.712"
P5121	73	23° 6' 40.194"	82° 29' 31.381"	P5122	73	23° 6' 40.175"	82° 29' 30.869"
P5123	73	23° 6' 40.175"	82° 29' 30.773"	P5124	73	23° 6' 40.161"	82° 29' 30.285"
P5125	73	23° 6' 40.152"	82° 29' 29.929"	P5126	73	23° 6' 40.154"	82° 29' 29.530"
P5127	73	23° 6' 40.153"	82° 29' 29.210"	P5128	73	23° 6' 40.159"	82° 29' 28.791"
P5129	73	23° 6' 40.173"	82° 29' 28.452"	P5130	73	23° 6' 40.195"	82° 29' 28.207"
P5131	73	23° 6' 40.218"	82° 29' 27.925"	P5132	73	23° 6' 40.252"	82° 29' 27.674"
P5133	73	23° 6' 40.287"	82° 29' 27.406"	P5134	73	23° 6' 40.324"	82° 29' 27.147"
P5135	73	23° 6' 40.358"	82° 29' 26.914"	P5136	73	23° 6' 40.411"	82° 29' 26.655"
P5137	73	23° 6' 40.469"	82° 29' 26.317"	P5138	73	23° 6' 40.530"	82° 29' 25.862"
P5139	73	23° 6' 40.578"	82° 29' 25.484"	P5140	73	23° 6' 40.649"	82° 29' 24.971"
P5141	73	23° 6' 40.695"	82° 29' 24.470"	P5142	73	23° 6' 40.754"	82° 29' 23.988"
P5143	73	23° 6' 40.846"	82° 29' 23.202"	P5144	73	23° 6' 40.937"	82° 29' 22.527"
P5145	73	23° 6' 41.048"	82° 29' 21.737"	P5146	73	23° 6' 41.144"	82° 29' 20.628"
P5147	73	23° 6' 41.181"	82° 29' 20.075"	P5148	73	23° 6' 41.253"	82° 29' 19.453"
P5149	73	23° 6' 41.331"	82° 29' 18.816"	P5150	73	23° 6' 41.492"	82° 29' 17.865"
P5151	73	23° 6' 41.573"	82° 29' 17.359"	P5152	73	23° 6' 41.615"	82° 29' 17.009"
P5153	73	23° 6' 41.628"	82° 29' 16.640"	P5154	73	23° 6' 41.636"	82° 29' 16.397"
P5155	73	23° 6' 41.628"	82° 29' 15.876"	P5156	73	23° 6' 41.599"	82° 29' 15.371"
P5157	73	23° 6' 41.547"	82° 29' 14.902"	P5158	73	23° 6' 41.470"	82° 29' 14.359"
P5159	73	23° 6' 41.393"	82° 29' 14.097"	P5160	73	23° 6' 41.314"	82° 29' 13.619"
P5161	73	23° 6' 41.192"	82° 29' 13.091"	P5162	74	23° 4' 44.493"	82° 30' 31.929"
P5163	74	23° 4' 44.227"	82° 30' 31.936"	P5164	74	23° 4' 43.788"	82° 30' 31.969"
P5165	74	23° 4' 43.463"	82° 30' 32.034"	P5166	74	23° 4' 43.367"	82° 30' 32.057"
P5167	74	23° 4' 43.284"	82° 30' 32.075"	P5168	74	23° 4' 43.189"	82° 30' 32.093"
P5169	74	23° 4' 43.055"	82° 30' 32.111"	P5170	74	23° 4' 42.851"	82° 30' 32.088"
P5171	74	23° 4' 42.581"	82° 30' 32.061"	P5172	74	23° 4' 42.337"	82° 30' 32.090"
P5173	74	23° 4' 42.175"	82° 30' 32.162"	P5174	74	23° 4' 41.970"	82° 30' 32.202"
P5175	74	23° 4' 41.770"	82° 30' 32.224"	P5176	74	23° 4' 41.549"	82° 30' 32.243"
P5177	74	23° 4' 41.340"	82° 30' 32.265"	P5178	74	23° 4' 41.156"	82° 30' 32.284"
P5179	74	23° 4' 41.065"	82° 30' 32.303"	P5180	74	23° 4' 40.790"	82° 30' 32.344"
P5181	74	23° 4' 40.544"	82° 30' 32.384"	P5182	74	23° 4' 40.254"	82° 30' 32.441"
P5183	74	23° 4' 39.957"	82° 30' 32.499"	P5184	74	23° 4' 39.671"	82° 30' 32.546"
P5185	74	23° 4' 39.351"	82° 30' 32.595"	P5186	74	23° 4' 39.049"	82° 30' 32.652"
P5187	74	23° 4' 38.625"	82° 30' 32.731"	P5188	74	23° 4' 37.758"	82° 30' 32.943"
P5189	74	23° 4' 37.051"	82° 30' 33.103"	P5190	74	23° 4' 36.833"	82° 30' 33.137"
P5191	74	23° 4' 36.639"	82° 30' 33.162"	P5192	74	23° 4' 36.432"	82° 30' 33.186"
P5193	74	23° 4' 36.308"	82° 30' 33.199"	P5194	74	23° 4' 36.134"	82° 30' 33.216"
P5195	74	23° 4' 35.928"	82° 30' 33.225"	P5196	74	23° 4' 35.709"	82° 30' 33.228"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5197	74	23° 4' 35.465"	82° 30' 33.218"	P5198	74	23° 4' 35.222"	82° 30' 33.211"
P5199	74	23° 4' 35.000"	82° 30' 33.211"	P5200	74	23° 4' 34.849"	82° 30' 33.220"
P5201	74	23° 4' 34.745"	82° 30' 33.224"	P5202	74	23° 4' 34.622"	82° 30' 33.233"
P5203	74	23° 4' 34.483"	82° 30' 33.245"	P5204	74	23° 4' 34.265"	82° 30' 33.271"
P5205	74	23° 4' 33.924"	82° 30' 33.315"	P5206	74	23° 4' 33.665"	82° 30' 33.347"
P5207	74	23° 4' 33.420"	82° 30' 33.380"	P5208	74	23° 4' 32.925"	82° 30' 33.434"
P5209	74	23° 4' 32.381"	82° 30' 33.475"	P5210	74	23° 4' 31.935"	82° 30' 33.497"
P5211	74	23° 4' 31.352"	82° 30' 33.547"	P5212	74	23° 4' 31.188"	82° 30' 33.525"
P5213	74	23° 4' 30.985"	82° 30' 33.570"	P5214	74	23° 4' 30.794"	82° 30' 33.666"
P5215	74	23° 4' 30.491"	82° 30' 33.765"	P5216	74	23° 4' 30.023"	82° 30' 33.921"
P5217	74	23° 4' 29.647"	82° 30' 34.077"	P5218	74	23° 4' 29.555"	82° 30' 34.136"
P5219	74	23° 4' 29.519"	82° 30' 34.163"	P5220	74	23° 4' 29.457"	82° 30' 34.222"
P5221	74	23° 4' 29.406"	82° 30' 34.278"	P5222	74	23° 4' 29.360"	82° 30' 34.328"
P5223	74	23° 4' 29.317"	82° 30' 34.385"	P5224	74	23° 4' 29.277"	82° 30' 34.449"
P5225	74	23° 4' 29.215"	82° 30' 34.573"	P5226	74	23° 4' 29.152"	82° 30' 34.713"
P5227	74	23° 4' 29.104"	82° 30' 34.833"	P5228	75	23° 5' 18.768"	82° 32' 15.149"
P5229	75	23° 5' 18.541"	82° 32' 15.065"	P5230	75	23° 5' 16.157"	82° 32' 14.190"
P5231	75	23° 5' 14.890"	82° 32' 13.719"	P5232	75	23° 5' 13.815"	82° 32' 13.324"
P5233	75	23° 5' 13.464"	82° 32' 13.172"	P5234	75	23° 5' 13.220"	82° 32' 13.041"
P5235	75	23° 5' 13.026"	82° 32' 12.920"	P5236	75	23° 5' 12.840"	82° 32' 12.786"
P5237	75	23° 5' 12.667"	82° 32' 12.653"	P5238	75	23° 5' 12.475"	82° 32' 12.478"
P5239	75	23° 5' 12.354"	82° 32' 12.360"	P5240	75	23° 5' 12.194"	82° 32' 12.162"
P5241	75	23° 5' 12.037"	82° 32' 11.951"	P5242	75	23° 5' 11.744"	82° 32' 11.545"
P5243	75	23° 5' 10.744"	82° 32' 10.137"	P5244	75	23° 5' 9.920"	82° 32' 8.969"
P5245	75	23° 5' 9.219"	82° 32' 7.964"	P5246	75	23° 5' 8.450"	82° 32' 6.902"
P5247	75	23° 5' 7.686"	82° 32' 5.838"	P5248	75	23° 5' 7.058"	82° 32' 4.997"
P5249	75	23° 5' 6.464"	82° 32' 4.185"	P5250	75	23° 5' 6.448"	82° 32' 4.163"
P5251	76	23° 7' 40.567"	82° 33' 50.238"	P5252	76	23° 7' 40.589"	82° 33' 48.954"
P5253	76	23° 7' 40.643"	82° 33' 47.211"	P5254	76	23° 7' 40.696"	82° 33' 45.598"
P5255	76	23° 7' 40.790"	82° 33' 43.073"	P5256	76	23° 7' 40.791"	82° 33' 41.862"
P5257	76	23° 7' 40.801"	82° 33' 41.643"	P5258	76	23° 7' 40.871"	82° 33' 40.992"
P5259	76	23° 7' 40.877"	82° 33' 40.720"	P5260	76	23° 7' 40.877"	82° 33' 40.720"
P5261	76	23° 7' 40.883"	82° 33' 40.452"	P5262	76	23° 7' 40.873"	82° 33' 40.279"
P5263	76	23° 7' 40.849"	82° 33' 40.135"	P5264	76	23° 7' 40.858"	82° 33' 40.095"
P5265	76	23° 7' 41.094"	82° 33' 39.795"	P5266	76	23° 7' 41.109"	82° 33' 39.757"
P5267	76	23° 7' 41.071"	82° 33' 39.655"	P5268	76	23° 7' 41.019"	82° 33' 39.554"
P5269	76	23° 7' 40.973"	82° 33' 39.483"	P5270	76	23° 7' 40.889"	82° 33' 39.371"
P5271	76	23° 7' 40.787"	82° 33' 39.253"	P5272	76	23° 7' 40.663"	82° 33' 39.142"
P5273	76	23° 7' 40.577"	82° 33' 39.084"	P5274	76	23° 7' 40.493"	82° 33' 39.030"
P5275	76	23° 7' 40.370"	82° 33' 38.958"	P5276	76	23° 7' 40.149"	82° 33' 38.856"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5277	76	23° 7' 39.162"	82° 33' 38.441"	P5278	76	23° 7' 37.644"	82° 33' 37.833"
P5279	76	23° 7' 36.139"	82° 33' 37.248"	P5280	76	23° 7' 34.813"	82° 33' 36.760"
P5281	76	23° 7' 32.642"	82° 33' 35.969"	P5282	76	23° 7' 31.279"	82° 33' 35.470"
P5283	76	23° 7' 30.274"	82° 33' 35.104"	P5284	76	23° 7' 29.547"	82° 33' 34.847"
P5285	76	23° 7' 28.423"	82° 33' 34.474"	P5286	76	23° 7' 27.654"	82° 33' 34.230"
P5287	77	23° 3' 30.943"	82° 32' 20.067"	P5288	77	23° 3' 30.856"	82° 32' 20.016"
P5289	77	23° 3' 30.258"	82° 32' 19.622"	P5290	77	23° 3' 29.988"	82° 32' 19.417"
P5291	77	23° 3' 29.830"	82° 32' 19.251"	P5292	77	23° 3' 29.682"	82° 32' 19.080"
P5293	77	23° 3' 29.503"	82° 32' 18.831"	P5294	77	23° 3' 29.009"	82° 32' 18.122"
P5295	77	23° 3' 28.261"	82° 32' 16.854"	P5296	77	23° 3' 27.779"	82° 32' 16.071"
P5297	77	23° 3' 9.953"	82° 31' 38.029"	P5298	77	23° 3' 9.920"	82° 31' 37.849"
P5299	77	23° 3' 9.818"	82° 31' 37.399"	P5300	77	23° 3' 9.703"	82° 31' 37.047"
P5301	77	23° 3' 9.541"	82° 31' 36.631"	P5302	77	23° 3' 9.426"	82° 31' 36.377"
P5303	77	23° 3' 9.258"	82° 31' 36.113"	P5304	77	23° 3' 8.982"	82° 31' 35.776"
P5305	77	23° 3' 8.780"	82° 31' 35.576"	P5306	77	23° 3' 8.545"	82° 31' 35.392"
P5307	77	23° 3' 8.317"	82° 31' 35.259"	P5308	77	23° 3' 8.024"	82° 31' 35.101"
P5309	77	23° 3' 7.239"	82° 31' 34.702"	P5310	77	23° 3' 7.070"	82° 31' 34.615"
P5311	78	23° 1' 2.354"	82° 27' 35.871"	P5312	78	23° 1' 2.538"	82° 27' 35.392"
P5313	78	23° 1' 2.676"	82° 27' 35.149"	P5314	78	23° 1' 2.812"	82° 27' 34.950"
P5315	78	23° 1' 2.918"	82° 27' 34.821"	P5316	78	23° 1' 3.017"	82° 27' 34.727"
P5317	78	23° 1' 3.084"	82° 27' 34.675"	P5318	78	23° 1' 3.199"	82° 27' 34.608"
P5319	78	23° 1' 3.351"	82° 27' 34.529"	P5320	78	23° 1' 4.033"	82° 27' 34.217"
P5321	78	23° 1' 4.763"	82° 27' 33.884"	P5322	78	23° 1' 5.199"	82° 27' 33.672"
P5323	78	23° 1' 5.776"	82° 27' 33.364"	P5324	78	23° 1' 6.183"	82° 27' 33.108"
P5325	78	23° 1' 6.526"	82° 27' 32.885"	P5326	78	23° 1' 6.819"	82° 27' 32.692"
P5327	78	23° 1' 7.057"	82° 27' 32.545"	P5328	78	23° 1' 7.747"	82° 27' 32.155"
P5329	78	23° 1' 8.427"	82° 27' 31.803"	P5330	78	23° 1' 8.871"	82° 27' 31.579"
P5331	78	23° 1' 9.332"	82° 27' 31.337"	P5332	78	23° 1' 9.553"	82° 27' 31.196"
P5333	78	23° 1' 9.731"	82° 27' 31.014"	P5334	78	23° 1' 9.834"	82° 27' 30.872"
P5335	78	23° 1' 9.922"	82° 27' 30.693"	P5336	78	23° 1' 10.007"	82° 27' 30.466"
P5337	78	23° 1' 10.113"	82° 27' 30.175"	P5338	78	23° 1' 10.310"	82° 27' 29.503"
P5339	78	23° 1' 10.489"	82° 27' 28.846"	P5340	78	23° 1' 10.593"	82° 27' 28.499"
P5341	78	23° 1' 10.699"	82° 27' 28.172"	P5342	78	23° 1' 10.753"	82° 27' 28.068"
P5343	78	23° 1' 10.820"	82° 27' 27.978"	P5344	78	23° 1' 10.887"	82° 27' 27.914"
P5345	78	23° 1' 10.964"	82° 27' 27.869"	P5346	78	23° 1' 11.043"	82° 27' 27.840"
P5347	78	23° 1' 11.160"	82° 27' 27.830"	P5348	78	23° 1' 11.269"	82° 27' 27.830"
P5349	78	23° 1' 11.530"	82° 27' 27.850"	P5350	78	23° 1' 11.949"	82° 27' 27.927"
P5351	78	23° 1' 12.920"	82° 27' 28.109"	P5352	78	23° 1' 13.539"	82° 27' 28.214"
P5353	78	23° 1' 13.803"	82° 27' 28.270"	P5354	78	23° 1' 13.998"	82° 27' 28.292"
P5355	78	23° 1' 14.245"	82° 27' 28.274"	P5356	78	23° 1' 14.457"	82° 27' 28.258"

Point	Patch	Latitude	Longitude	Point	Patch	Latitude	Longitude
P5357	78	23° 1' 14.771"	82° 27' 28.198"	P5358	78	23° 1' 15.065"	82° 27' 28.073"
P5359	78	23° 1' 15.313"	82° 27' 27.921"	P5360	78	23° 1' 15.689"	82° 27' 27.683"
P5361	78	23° 1' 15.940"	82° 27' 27.472"	P5362	78	23° 1' 16.214"	82° 27' 27.228"
P5363	78	23° 1' 16.691"	82° 27' 26.764"	P5364	78	23° 1' 17.218"	82° 27' 26.286"
P5365	78	23° 1' 17.475"	82° 27' 26.082"	P5366	78	23° 1' 17.990"	82° 27' 25.699"
P5367	78	23° 1' 18.929"	82° 27' 25.036"	P5368	78	23° 1' 19.995"	82° 27' 24.329"
P5369	78	23° 1' 21.254"	82° 27' 23.620"	P5370	78	23° 1' 22.261"	82° 27' 23.133"
P5371	78	23° 1' 23.127"	82° 27' 22.796"	P5372	78	23° 1' 24.000"	82° 27' 22.476"
P5373	78	23° 1' 24.737"	82° 27' 22.254"	P5374	78	23° 1' 25.655"	82° 27' 22.027"
P5375	78	23° 1' 26.509"	82° 27' 21.853"	P5376	78	23° 1' 27.370"	82° 27' 21.684"
P5377	78	23° 1' 27.914"	82° 27' 21.546"	P5378	78	23° 1' 28.492"	82° 27' 21.372"
P5379	78	23° 1' 28.751"	82° 27' 21.282"	P5380	78	23° 1' 29.123"	82° 27' 21.133"
P5381	78	23° 1' 29.461"	82° 27' 20.941"	P5382	78	23° 1' 29.708"	82° 27' 20.761"
P5383	78	23° 1' 29.959"	82° 27' 20.529"	P5384	78	23° 1' 30.082"	82° 27' 20.386"
P5385	78	23° 1' 30.217"	82° 27' 20.189"	P5386	78	23° 1' 30.376"	82° 27' 19.811"
P5387	78	23° 1' 30.483"	82° 27' 19.477"	P5388	78	23° 1' 30.646"	82° 27' 18.764"
P5389	78	23° 1' 30.868"	82° 27' 17.699"	P5390	78	23° 1' 31.000"	82° 27' 17.090"
P5391	78	23° 1' 31.232"	82° 27' 16.093"	P5392	78	23° 1' 31.333"	82° 27' 15.466"
P5393	78	23° 1' 31.360"	82° 27' 14.894"	P5394	78	23° 1' 31.341"	82° 27' 14.720"
P5395	78	23° 1' 31.292"	82° 27' 14.540"	P5396	78	23° 1' 31.182"	82° 27' 14.316"
P5397	78	23° 1' 31.071"	82° 27' 14.118"	P5398	78	23° 1' 30.741"	82° 27' 13.584"
P5399	78	23° 1' 30.633"	82° 27' 13.395"	P5400	78	23° 1' 30.556"	82° 27' 13.215"
P5401	78	23° 1' 30.519"	82° 27' 13.075"	P5402	78	23° 1' 30.510"	82° 27' 12.937"
P5403	78	23° 1' 30.533"	82° 27' 12.719"	P5404	78	23° 1' 30.577"	82° 27' 12.562"
P5405	78	23° 1' 30.609"	82° 27' 12.486"	P5406	78	23° 1' 30.767"	82° 27' 12.187"
P5407	78	23° 1' 31.029"	82° 27' 11.679"	P5408	78	23° 1' 31.322"	82° 27' 11.049"
P5409	78	23° 1' 31.584"	82° 27' 10.416"	P5410	78	23° 1' 31.786"	82° 27' 9.977"
P5411	78	23° 1' 31.909"	82° 27' 9.644"	P5412	78	23° 1' 31.927"	82° 27' 9.524"
P5413	78	23° 1' 31.933"	82° 27' 9.405"	P5414	78	23° 1' 31.932"	82° 27' 9.316"
P5415	78	23° 1' 31.910"	82° 27' 9.169"	P5416	78	23° 1' 31.847"	82° 27' 8.936"
P5417	78	23° 1' 31.750"	82° 27' 8.734"	P5418	78	23° 1' 31.540"	82° 27' 8.311"
P5419	78	23° 1' 31.480"	82° 27' 8.188"	P5420	79	23° 1' 16.492"	82° 26' 41.482"
P5421	79	23° 1' 16.551"	82° 26' 41.323"	P5422	79	23° 1' 16.648"	82° 26' 41.030"
P5423	79	23° 1' 16.698"	82° 26' 40.846"	P5424	79	23° 1' 16.742"	82° 26' 40.672"
P5425	79	23° 1' 16.775"	82° 26' 40.494"	P5426	79	23° 1' 16.842"	82° 26' 40.140"
P5427	79	23° 1' 16.887"	82° 26' 39.846"	P5428	79	23° 1' 16.947"	82° 26' 39.367"
P5429	79	23° 1' 16.994"	82° 26' 38.933"	P5430	79	23° 1' 17.017"	82° 26' 38.558"
P5431	79	23° 1' 17.019"	82° 26' 38.198"	P5432	79	23° 1' 17.016"	82° 26' 37.635"
P5433	79	23° 1' 17.003"	82° 26' 37.361"	P5434	79	23° 1' 16.950"	82° 26' 36.687"
P5435	79	23° 1' 16.931"	82° 26' 36.533"	P5436	79	23° 1' 16.900"	82° 26' 36.263"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5437	79	23° 1' 16.850"	82° 26' 35.945"	P5438	79	23° 1' 16.787"	82° 26' 35.729"
P5439	79	23° 1' 16.685"	82° 26' 35.423"	P5440	79	23° 1' 16.459"	82° 26' 34.821"
P5441	79	23° 1' 16.137"	82° 26' 34.180"	P5442	79	23° 1' 15.910"	82° 26' 33.767"
P5443	79	23° 1' 15.741"	82° 26' 33.505"	P5444	79	23° 1' 15.296"	82° 26' 32.895"
P5445	79	23° 1' 14.952"	82° 26' 32.442"	P5446	79	23° 1' 14.553"	82° 26' 31.942"
P5447	79	23° 1' 14.017"	82° 26' 31.261"	P5448	79	23° 1' 13.549"	82° 26' 30.709"
P5449	79	23° 1' 13.016"	82° 26' 30.078"	P5450	79	23° 1' 12.778"	82° 26' 29.785"
P5451	79	23° 1' 12.623"	82° 26' 29.579"	P5452	79	23° 1' 12.526"	82° 26' 29.405"
P5453	79	23° 1' 12.442"	82° 26' 29.256"	P5454	79	23° 1' 12.351"	82° 26' 29.045"
P5455	79	23° 1' 12.267"	82° 26' 28.813"	P5456	79	23° 1' 12.158"	82° 26' 28.330"
P5457	79	23° 1' 12.082"	82° 26' 28.104"	P5458	79	23° 1' 11.944"	82° 26' 27.782"
P5459	79	23° 1' 11.839"	82° 26' 27.531"	P5460	79	23° 1' 11.689"	82° 26' 27.129"
P5461	79	23° 1' 11.657"	82° 26' 27.021"	P5462	79	23° 1' 11.586"	82° 26' 26.773"
P5463	79	23° 1' 11.559"	82° 26' 26.690"	P5464	79	23° 1' 11.489"	82° 26' 26.553"
P5465	79	23° 1' 11.408"	82° 26' 26.376"	P5466	79	23° 1' 11.379"	82° 26' 26.314"
P5467	79	23° 1' 11.172"	82° 26' 26.058"	P5468	79	23° 1' 11.054"	82° 26' 25.945"
P5469	79	23° 1' 10.852"	82° 26' 25.715"	P5470	79	23° 1' 10.789"	82° 26' 25.617"
P5471	79	23° 1' 10.750"	82° 26' 25.550"	P5472	79	23° 1' 10.678"	82° 26' 25.331"
P5473	79	23° 1' 10.652"	82° 26' 25.237"	P5474	79	23° 1' 10.619"	82° 26' 25.138"
P5475	79	23° 1' 10.580"	82° 26' 25.064"	P5476	79	23° 1' 10.524"	82° 26' 24.986"
P5477	79	23° 1' 10.443"	82° 26' 24.889"	P5478	79	23° 1' 10.343"	82° 26' 24.798"
P5479	79	23° 1' 10.217"	82° 26' 24.692"	P5480	79	23° 1' 10.120"	82° 26' 24.604"
P5481	79	23° 1' 9.973"	82° 26' 24.440"	P5482	79	23° 1' 9.836"	82° 26' 24.243"
P5483	79	23° 1' 9.733"	82° 26' 24.103"	P5484	79	23° 1' 9.522"	82° 26' 23.722"
P5485	79	23° 1' 9.335"	82° 26' 23.286"	P5486	79	23° 1' 9.245"	82° 26' 23.035"
P5487	79	23° 1' 9.146"	82° 26' 22.748"	P5488	79	23° 1' 9.083"	82° 26' 22.544"
P5489	79	23° 1' 9.022"	82° 26' 22.291"	P5490	79	23° 1' 8.981"	82° 26' 22.111"
P5491	79	23° 1' 8.912"	82° 26' 21.737"	P5492	79	23° 1' 8.867"	82° 26' 21.557"
P5493	79	23° 1' 8.809"	82° 26' 21.395"	P5494	79	23° 1' 8.708"	82° 26' 21.197"
P5495	79	23° 1' 8.541"	82° 26' 20.909"	P5496	79	23° 1' 8.383"	82° 26' 20.566"
P5497	79	23° 1' 8.173"	82° 26' 20.034"	P5498	79	23° 1' 7.950"	82° 26' 19.485"
P5499	79	23° 1' 7.714"	82° 26' 18.985"	P5500	79	23° 1' 7.332"	82° 26' 18.125"
P5501	79	23° 1' 7.141"	82° 26' 17.675"	P5502	79	23° 1' 6.997"	82° 26' 17.258"
P5503	79	23° 1' 6.868"	82° 26' 16.742"	P5504	79	23° 1' 6.718"	82° 26' 16.151"
P5505	79	23° 1' 6.600"	82° 26' 15.759"	P5506	79	23° 1' 6.506"	82° 26' 15.488"
P5507	79	23° 1' 6.380"	82° 26' 15.155"	P5508	79	23° 1' 6.265"	82° 26' 14.874"
P5509	79	23° 1' 6.165"	82° 26' 14.644"	P5510	79	23° 1' 5.965"	82° 26' 14.289"
P5511	79	23° 1' 5.793"	82° 26' 14.001"	P5512	79	23° 1' 5.637"	82° 26' 13.708"
P5513	79	23° 1' 5.443"	82° 26' 13.250"	P5514	79	23° 1' 5.153"	82° 26' 12.474"
P5515	79	23° 1' 5.052"	82° 26' 12.161"	P5516	79	23° 1' 4.938"	82° 26' 11.830"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5517	79	23° 1' 4.773"	82° 26' 11.502"	P5518	79	23° 1' 4.598"	82° 26' 11.259"
P5519	79	23° 1' 4.383"	82° 26' 11.031"	P5520	79	23° 1' 4.052"	82° 26' 10.807"
P5521	79	23° 1' 3.719"	82° 26' 10.595"	P5522	79	23° 1' 3.514"	82° 26' 10.463"
P5523	79	23° 1' 3.457"	82° 26' 10.406"	P5524	79	23° 1' 3.400"	82° 26' 10.320"
P5525	79	23° 1' 3.353"	82° 26' 10.187"	P5526	79	23° 1' 3.284"	82° 26' 9.960"
P5527	79	23° 1' 3.087"	82° 26' 9.306"	P5528	79	23° 1' 2.815"	82° 26' 8.246"
P5529	79	23° 1' 2.716"	82° 26' 7.951"	P5530	79	23° 1' 2.541"	82° 26' 7.338"
P5531	79	23° 1' 2.477"	82° 26' 7.135"	P5532	79	23° 1' 2.397"	82° 26' 6.914"
P5533	79	23° 1' 2.339"	82° 26' 6.804"	P5534	79	23° 1' 2.297"	82° 26' 6.736"
P5535	79	23° 1' 2.206"	82° 26' 6.563"	P5536	79	23° 1' 2.116"	82° 26' 6.392"
P5537	79	23° 1' 2.055"	82° 26' 6.242"	P5538	79	23° 1' 2.003"	82° 26' 6.094"
P5539	79	23° 1' 1.973"	82° 26' 5.980"	P5540	79	23° 1' 1.961"	82° 26' 5.919"
P5541	80	23° 0' 48.103"	82° 25' 6.224"	P5542	80	23° 0' 48.115"	82° 25' 6.085"
P5543	80	23° 0' 48.142"	82° 25' 5.849"	P5544	80	23° 0' 48.179"	82° 25' 5.318"
P5545	80	23° 0' 48.239"	82° 25' 4.464"	P5546	80	23° 0' 48.323"	82° 25' 3.686"
P5547	80	23° 0' 48.426"	82° 25' 2.970"	P5548	80	23° 0' 48.485"	82° 25' 2.605"
P5549	80	23° 0' 48.576"	82° 25' 2.119"	P5550	80	23° 0' 48.795"	82° 25' 1.229"
P5551	80	23° 0' 48.935"	82° 25' 0.666"	P5552	80	23° 0' 49.063"	82° 25' 0.079"
P5553	80	23° 0' 49.248"	82° 24' 59.230"	P5554	80	23° 0' 49.402"	82° 24' 58.578"
P5555	80	23° 0' 49.462"	82° 24' 58.347"	P5556	80	23° 0' 49.530"	82° 24' 58.125"
P5557	80	23° 0' 49.612"	82° 24' 57.882"	P5558	80	23° 0' 49.682"	82° 24' 57.722"
P5559	80	23° 0' 49.792"	82° 24' 57.524"	P5560	80	23° 0' 49.890"	82° 24' 57.367"
P5561	80	23° 0' 50.046"	82° 24' 57.153"	P5562	80	23° 0' 50.198"	82° 24' 56.952"
P5563	80	23° 0' 50.479"	82° 24' 56.640"	P5564	80	23° 0' 50.594"	82° 24' 56.502"
P5565	80	23° 0' 50.846"	82° 24' 56.171"	P5566	80	23° 0' 50.963"	82° 24' 55.983"
P5567	80	23° 0' 51.071"	82° 24' 55.752"	P5568	80	23° 0' 51.208"	82° 24' 55.409"
P5569	80	23° 0' 51.350"	82° 24' 54.998"	P5570	80	23° 0' 51.449"	82° 24' 54.669"
P5571	80	23° 0' 51.513"	82° 24' 54.407"	P5572	80	23° 0' 51.582"	82° 24' 54.096"
P5573	80	23° 0' 51.686"	82° 24' 53.431"	P5574	80	23° 0' 51.742"	82° 24' 53.011"
P5575	80	23° 0' 51.778"	82° 24' 52.538"	P5576	80	23° 0' 51.790"	82° 24' 52.190"
P5577	80	23° 0' 51.782"	82° 24' 51.995"	P5578	80	23° 0' 51.761"	82° 24' 51.815"
P5579	80	23° 0' 51.722"	82° 24' 51.442"	P5580	80	23° 0' 51.695"	82° 24' 51.206"
P5581	80	23° 0' 51.689"	82° 24' 51.085"	P5582	80	23° 0' 51.697"	82° 24' 50.903"
P5583	80	23° 0' 51.715"	82° 24' 50.685"	P5584	80	23° 0' 51.768"	82° 24' 50.288"
P5585	80	23° 0' 51.851"	82° 24' 49.691"	P5586	80	23° 0' 51.942"	82° 24' 49.185"
P5587	80	23° 0' 51.977"	82° 24' 49.006"	P5588	80	23° 0' 52.033"	82° 24' 48.798"
P5589	80	23° 0' 52.088"	82° 24' 48.616"	P5590	80	23° 0' 52.158"	82° 24' 48.435"
P5591	80	23° 0' 52.328"	82° 24' 48.098"	P5592	80	23° 0' 52.622"	82° 24' 47.604"
P5593	80	23° 0' 52.932"	82° 24' 47.006"	P5594	80	23° 0' 53.135"	82° 24' 46.645"
P5595	80	23° 0' 53.348"	82° 24' 46.261"	P5596	80	23° 0' 53.688"	82° 24' 45.654"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5597	80	23° 0' 54.028"	82° 24' 44.999"	P5598	80	23° 0' 54.322"	82° 24' 44.381"
P5599	80	23° 0' 54.551"	82° 24' 43.885"	P5600	80	23° 0' 54.726"	82° 24' 43.523"
P5601	80	23° 0' 54.831"	82° 24' 43.302"	P5602	80	23° 0' 55.003"	82° 24' 42.977"
P5603	80	23° 0' 55.273"	82° 24' 42.366"	P5604	80	23° 0' 55.508"	82° 24' 41.801"
P5605	80	23° 0' 55.724"	82° 24' 41.299"	P5606	80	23° 0' 55.932"	82° 24' 40.793"
P5607	80	23° 0' 56.182"	82° 24' 40.168"	P5608	80	23° 0' 56.358"	82° 24' 39.755"
P5609	80	23° 0' 56.479"	82° 24' 39.483"	P5610	80	23° 0' 56.613"	82° 24' 39.168"
P5611	80	23° 0' 56.685"	82° 24' 38.965"	P5612	80	23° 0' 56.724"	82° 24' 38.831"
P5613	80	23° 0' 56.773"	82° 24' 38.616"	P5614	80	23° 0' 56.800"	82° 24' 38.474"
P5615	80	23° 0' 56.873"	82° 24' 37.981"	P5616	80	23° 0' 56.926"	82° 24' 37.635"
P5617	80	23° 0' 56.949"	82° 24' 37.457"	P5618	80	23° 0' 56.962"	82° 24' 37.316"
P5619	80	23° 0' 56.969"	82° 24' 37.223"	P5620	80	23° 0' 56.969"	82° 24' 37.138"
P5621	81	23° 1' 28.759"	82° 23' 32.167"	P5622	81	23° 1' 29.061"	82° 23' 32.052"
P5623	81	23° 1' 29.297"	82° 23' 31.961"	P5624	81	23° 1' 29.582"	82° 23' 31.849"
P5625	81	23° 1' 30.002"	82° 23' 31.682"	P5626	81	23° 1' 30.277"	82° 23' 31.568"
P5627	81	23° 1' 30.820"	82° 23' 31.339"	P5628	81	23° 1' 31.937"	82° 23' 30.879"
P5629	81	23° 1' 32.919"	82° 23' 30.465"	P5630	81	23° 1' 33.673"	82° 23' 30.134"
P5631	81	23° 1' 34.498"	82° 23' 29.769"	P5632	81	23° 1' 35.039"	82° 23' 29.529"
P5633	81	23° 1' 35.847"	82° 23' 29.164"	P5634	81	23° 1' 36.432"	82° 23' 28.921"
P5635	81	23° 1' 36.880"	82° 23' 28.784"	P5636	81	23° 1' 37.028"	82° 23' 28.743"
P5637	81	23° 1' 37.477"	82° 23' 28.643"	P5638	81	23° 1' 37.757"	82° 23' 28.615"
P5639	81	23° 1' 37.968"	82° 23' 28.611"	P5640	81	23° 1' 38.154"	82° 23' 28.618"
P5641	81	23° 1' 38.465"	82° 23' 28.673"	P5642	81	23° 1' 38.742"	82° 23' 28.755"
P5643	81	23° 1' 39.032"	82° 23' 28.904"	P5644	81	23° 1' 39.262"	82° 23' 29.049"
P5645	81	23° 1' 39.402"	82° 23' 29.149"	P5646	81	23° 1' 39.610"	82° 23' 29.335"
P5647	81	23° 1' 39.818"	82° 23' 29.548"	P5648	81	23° 1' 39.999"	82° 23' 29.764"
P5649	81	23° 1' 40.160"	82° 23' 29.975"	P5650	81	23° 1' 40.282"	82° 23' 30.162"
P5651	81	23° 1' 40.382"	82° 23' 30.331"	P5652	81	23° 1' 40.500"	82° 23' 30.523"
P5653	81	23° 1' 40.672"	82° 23' 30.856"	P5654	81	23° 1' 40.868"	82° 23' 31.273"
P5655	81	23° 1' 41.010"	82° 23' 31.562"	P5656	81	23° 1' 41.113"	82° 23' 31.789"
P5657	81	23° 1' 41.231"	82° 23' 32.031"	P5658	81	23° 1' 41.346"	82° 23' 32.274"
P5659	81	23° 1' 41.492"	82° 23' 32.568"	P5660	81	23° 1' 41.655"	82° 23' 32.893"
P5661	81	23° 1' 41.810"	82° 23' 33.201"	P5662	81	23° 1' 41.968"	82° 23' 33.519"
P5663	81	23° 1' 42.121"	82° 23' 33.825"	P5664	81	23° 1' 42.319"	82° 23' 34.206"
P5665	81	23° 1' 42.478"	82° 23' 34.526"	P5666	81	23° 1' 42.612"	82° 23' 34.787"
P5667	81	23° 1' 42.746"	82° 23' 35.047"	P5668	81	23° 1' 42.955"	82° 23' 35.475"
P5669	81	23° 1' 43.119"	82° 23' 35.801"	P5670	81	23° 1' 43.259"	82° 23' 36.079"
P5671	81	23° 1' 43.430"	82° 23' 36.424"	P5672	81	23° 1' 43.709"	82° 23' 36.974"
P5673	81	23° 1' 43.910"	82° 23' 37.373"	P5674	81	23° 1' 44.122"	82° 23' 37.790"
P5675	81	23° 1' 44.188"	82° 23' 37.928"	P5676	81	23° 1' 44.330"	82° 23' 38.203"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5677	81	23° 1' 44.417"	82° 23' 38.382"	P5678	81	23° 1' 44.533"	82° 23' 38.618"
P5679	81	23° 1' 44.686"	82° 23' 38.921"	P5680	81	23° 1' 44.887"	82° 23' 39.322"
P5681	81	23° 1' 45.042"	82° 23' 39.648"	P5682	81	23° 1' 45.239"	82° 23' 40.041"
P5683	81	23° 1' 45.424"	82° 23' 40.412"	P5684	81	23° 1' 45.566"	82° 23' 40.687"
P5685	81	23° 1' 45.712"	82° 23' 40.995"	P5686	81	23° 1' 45.905"	82° 23' 41.357"
P5687	81	23° 1' 46.175"	82° 23' 41.866"	P5688	81	23° 1' 46.446"	82° 23' 42.379"
P5689	81	23° 1' 46.621"	82° 23' 42.748"	P5690	81	23° 1' 46.783"	82° 23' 43.060"
P5691	81	23° 1' 47.008"	82° 23' 43.514"	P5692	81	23° 1' 47.194"	82° 23' 43.884"
P5693	81	23° 1' 47.335"	82° 23' 44.169"	P5694	81	23° 1' 47.428"	82° 23' 44.349"
P5695	81	23° 1' 47.592"	82° 23' 44.667"	P5696	81	23° 1' 47.708"	82° 23' 44.899"
P5697	81	23° 1' 47.905"	82° 23' 45.244"	P5698	81	23° 1' 48.057"	82° 23' 45.554"
P5699	81	23° 1' 48.152"	82° 23' 45.733"	P5700	81	23° 1' 48.283"	82° 23' 45.990"
P5701	81	23° 1' 48.369"	82° 23' 46.152"	P5702	81	23° 1' 48.511"	82° 23' 46.414"
P5703	81	23° 1' 48.669"	82° 23' 46.692"	P5704	81	23° 1' 48.805"	82° 23' 46.948"
P5705	81	23° 1' 48.930"	82° 23' 47.178"	P5706	81	23° 1' 49.068"	82° 23' 47.427"
P5707	81	23° 1' 49.171"	82° 23' 47.613"	P5708	81	23° 1' 49.290"	82° 23' 47.828"
P5709	81	23° 1' 49.420"	82° 23' 48.058"	P5710	81	23° 1' 49.556"	82° 23' 48.288"
P5711	81	23° 1' 49.734"	82° 23' 48.629"	P5712	81	23° 1' 49.908"	82° 23' 48.942"
P5713	81	23° 1' 50.078"	82° 23' 49.267"	P5714	81	23° 1' 50.387"	82° 23' 49.836"
P5715	81	23° 1' 50.566"	82° 23' 50.174"	P5716	81	23° 1' 50.671"	82° 23' 50.379"
P5717	81	23° 1' 50.770"	82° 23' 50.571"	P5718	81	23° 1' 50.844"	82° 23' 50.732"
P5719	81	23° 1' 50.927"	82° 23' 50.897"	P5720	81	23° 1' 50.984"	82° 23' 51.038"
P5721	81	23° 1' 51.070"	82° 23' 51.244"	P5722	81	23° 1' 51.149"	82° 23' 51.443"
P5723	81	23° 1' 51.227"	82° 23' 51.669"	P5724	81	23° 1' 51.277"	82° 23' 51.829"
P5725	81	23° 1' 51.340"	82° 23' 52.000"	P5726	81	23° 1' 51.431"	82° 23' 52.278"
P5727	81	23° 1' 51.514"	82° 23' 52.570"	P5728	81	23° 1' 51.585"	82° 23' 52.886"
P5729	81	23° 1' 51.672"	82° 23' 53.241"	P5730	81	23° 1' 51.739"	82° 23' 53.586"
P5731	81	23° 1' 51.785"	82° 23' 53.907"	P5732	81	23° 1' 51.830"	82° 23' 54.318"
P5733	81	23° 1' 51.882"	82° 23' 54.872"	P5734	81	23° 1' 51.933"	82° 23' 55.508"
P5735	81	23° 1' 51.970"	82° 23' 55.997"	P5736	81	23° 1' 52.008"	82° 23' 56.479"
P5737	81	23° 1' 52.032"	82° 23' 56.784"	P5738	81	23° 1' 52.065"	82° 23' 57.199"
P5739	81	23° 1' 52.089"	82° 23' 57.573"	P5740	81	23° 1' 52.127"	82° 23' 58.084"
P5741	81	23° 1' 52.151"	82° 23' 58.395"	P5742	81	23° 1' 52.176"	82° 23' 58.746"
P5743	81	23° 1' 52.206"	82° 23' 59.032"	P5744	81	23° 1' 52.218"	82° 23' 59.272"
P5745	81	23° 1' 52.237"	82° 23' 59.541"	P5746	81	23° 1' 52.268"	82° 23' 59.913"
P5747	81	23° 1' 52.291"	82° 24' 0.169"	P5748	81	23° 1' 52.334"	82° 24' 0.625"
P5749	81	23° 1' 52.366"	82° 24' 0.909"	P5750	81	23° 1' 52.385"	82° 24' 1.177"
P5751	81	23° 1' 52.402"	82° 24' 1.403"	P5752	81	23° 1' 52.415"	82° 24' 1.550"
P5753	81	23° 1' 52.442"	82° 24' 1.807"	P5754	81	23° 1' 52.473"	82° 24' 2.109"
P5755	81	23° 1' 52.521"	82° 24' 2.481"	P5756	81	23° 1' 52.540"	82° 24' 2.734"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5757	81	23° 1' 52.562"	82° 24' 2.999"	P5758	81	23° 1' 52.602"	82° 24' 3.426"
P5759	81	23° 1' 52.634"	82° 24' 3.804"	P5760	81	23° 1' 52.651"	82° 24' 3.998"
P5761	81	23° 1' 52.693"	82° 24' 4.482"	P5762	81	23° 1' 52.720"	82° 24' 4.899"
P5763	81	23° 1' 52.752"	82° 24' 5.249"	P5764	81	23° 1' 52.794"	82° 24' 5.579"
P5765	81	23° 1' 52.834"	82° 24' 6.202"	P5766	81	23° 1' 52.850"	82° 24' 6.438"
P5767	81	23° 1' 52.855"	82° 24' 6.606"	P5768	81	23° 1' 52.858"	82° 24' 6.945"
P5769	81	23° 1' 52.856"	82° 24' 7.201"	P5770	81	23° 1' 52.826"	82° 24' 7.421"
P5771	81	23° 1' 52.810"	82° 24' 7.576"	P5772	81	23° 1' 52.771"	82° 24' 7.777"
P5773	81	23° 1' 52.740"	82° 24' 7.922"	P5774	81	23° 1' 52.720"	82° 24' 8.008"
P5775	81	23° 1' 52.648"	82° 24' 8.262"	P5776	81	23° 1' 52.559"	82° 24' 8.530"
P5777	81	23° 1' 52.487"	82° 24' 8.748"	P5778	81	23° 1' 52.421"	82° 24' 8.932"
P5779	81	23° 1' 52.347"	82° 24' 9.151"	P5780	81	23° 1' 52.268"	82° 24' 9.382"
P5781	81	23° 1' 52.211"	82° 24' 9.571"	P5782	81	23° 1' 52.156"	82° 24' 9.740"
P5783	81	23° 1' 52.113"	82° 24' 9.874"	P5784	81	23° 1' 52.070"	82° 24' 10.031"
P5785	81	23° 1' 52.040"	82° 24' 10.147"	P5786	81	23° 1' 52.018"	82° 24' 10.239"
P5787	81	23° 1' 51.994"	82° 24' 10.350"	P5788	81	23° 1' 51.980"	82° 24' 10.412"
P5789	81	23° 1' 51.960"	82° 24' 10.519"	P5790	81	23° 1' 51.950"	82° 24' 10.598"
P5791	81	23° 1' 51.934"	82° 24' 10.724"	P5792	81	23° 1' 51.923"	82° 24' 10.863"
P5793	81	23° 1' 51.920"	82° 24' 10.974"	P5794	81	23° 1' 51.918"	82° 24' 11.060"
P5795	81	23° 1' 51.922"	82° 24' 11.174"	P5796	81	23° 1' 51.933"	82° 24' 11.306"
P5797	81	23° 1' 51.942"	82° 24' 11.402"	P5798	81	23° 1' 51.950"	82° 24' 11.463"
P5799	81	23° 1' 51.958"	82° 24' 11.541"	P5800	81	23° 1' 51.980"	82° 24' 11.648"
P5801	81	23° 1' 51.997"	82° 24' 11.721"	P5802	81	23° 1' 52.014"	82° 24' 11.797"
P5803	81	23° 1' 52.035"	82° 24' 11.874"	P5804	81	23° 1' 52.060"	82° 24' 11.966"
P5805	81	23° 1' 52.091"	82° 24' 12.059"	P5806	81	23° 1' 52.111"	82° 24' 12.129"
P5807	81	23° 1' 52.124"	82° 24' 12.167"	P5808	81	23° 1' 52.150"	82° 24' 12.234"
P5809	81	23° 1' 52.195"	82° 24' 12.355"	P5810	81	23° 1' 52.237"	82° 24' 12.447"
P5811	81	23° 1' 52.306"	82° 24' 12.594"	P5812	81	23° 1' 52.391"	82° 24' 12.759"
P5813	81	23° 1' 52.459"	82° 24' 12.884"	P5814	81	23° 1' 52.558"	82° 24' 13.077"
P5815	81	23° 1' 52.751"	82° 24' 13.411"	P5816	81	23° 1' 52.848"	82° 24' 13.578"
P5817	81	23° 1' 52.969"	82° 24' 13.785"	P5818	81	23° 1' 53.138"	82° 24' 14.069"
P5819	81	23° 1' 53.299"	82° 24' 14.344"	P5820	81	23° 1' 53.424"	82° 24' 14.565"
P5821	81	23° 1' 53.579"	82° 24' 14.825"	P5822	81	23° 1' 53.707"	82° 24' 15.035"
P5823	81	23° 1' 53.874"	82° 24' 15.321"	P5824	81	23° 1' 53.998"	82° 24' 15.535"
P5825	81	23° 1' 54.094"	82° 24' 15.701"	P5826	81	23° 1' 54.269"	82° 24' 15.988"
P5827	81	23° 1' 54.436"	82° 24' 16.278"	P5828	81	23° 1' 54.580"	82° 24' 16.513"
P5829	81	23° 1' 54.763"	82° 24' 16.820"	P5830	81	23° 1' 54.967"	82° 24' 17.163"
P5831	81	23° 1' 55.111"	82° 24' 17.414"	P5832	81	23° 1' 55.326"	82° 24' 17.777"
P5833	81	23° 1' 55.463"	82° 24' 18.007"	P5834	81	23° 1' 55.600"	82° 24' 18.247"
P5835	81	23° 1' 55.921"	82° 24' 18.791"	P5836	81	23° 1' 56.119"	82° 24' 19.133"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5837	81	23° 1' 56.269"	82° 24' 19.386"	P5838	81	23° 1' 56.389"	82° 24' 19.599"
P5839	81	23° 1' 56.503"	82° 24' 19.802"	P5840	81	23° 1' 56.594"	82° 24' 19.952"
P5841	81	23° 1' 56.707"	82° 24' 20.148"	P5842	81	23° 1' 56.838"	82° 24' 20.381"
P5843	81	23° 1' 57.023"	82° 24' 20.702"	P5844	81	23° 1' 57.182"	82° 24' 20.963"
P5845	81	23° 1' 57.342"	82° 24' 21.228"	P5846	81	23° 1' 57.574"	82° 24' 21.601"
P5847	81	23° 1' 57.704"	82° 24' 21.815"	P5848	81	23° 1' 57.787"	82° 24' 21.943"
P5849	81	23° 1' 57.864"	82° 24' 22.073"	P5850	81	23° 1' 57.962"	82° 24' 22.215"
P5851	81	23° 1' 58.074"	82° 24' 22.370"	P5852	81	23° 1' 58.195"	82° 24' 22.548"
P5853	81	23° 1' 58.315"	82° 24' 22.705"	P5854	81	23° 1' 58.460"	82° 24' 22.899"
P5855	81	23° 1' 58.682"	82° 24' 23.185"	P5856	81	23° 1' 58.782"	82° 24' 23.301"
P5857	81	23° 1' 58.939"	82° 24' 23.488"	P5858	81	23° 1' 59.179"	82° 24' 23.746"
P5859	81	23° 1' 59.403"	82° 24' 23.984"	P5860	81	23° 1' 59.644"	82° 24' 24.223"
P5861	81	23° 1' 59.904"	82° 24' 24.500"	P5862	81	23° 2' 0.142"	82° 24' 24.739"
P5863	81	23° 2' 0.704"	82° 24' 25.322"	P5864	81	23° 2' 1.082"	82° 24' 25.698"
P5865	81	23° 2' 1.501"	82° 24' 26.103"	P5866	81	23° 2' 2.064"	82° 24' 26.665"
P5867	81	23° 2' 2.569"	82° 24' 27.173"	P5868	81	23° 2' 3.137"	82° 24' 27.731"
P5869	81	23° 2' 3.620"	82° 24' 28.203"	P5870	81	23° 2' 4.035"	82° 24' 28.611"
P5871	81	23° 2' 4.350"	82° 24' 28.920"	P5872	81	23° 2' 4.740"	82° 24' 29.305"
P5873	81	23° 2' 5.054"	82° 24' 29.610"	P5874	81	23° 2' 5.304"	82° 24' 29.851"
P5875	81	23° 2' 5.538"	82° 24' 30.080"	P5876	81	23° 2' 5.768"	82° 24' 30.309"
P5877	81	23° 2' 5.905"	82° 24' 30.444"	P5878	81	23° 2' 6.062"	82° 24' 30.589"
P5879	81	23° 2' 6.370"	82° 24' 30.875"	P5880	81	23° 2' 6.646"	82° 24' 31.120"
P5881	81	23° 2' 7.048"	82° 24' 31.470"	P5882	81	23° 2' 7.239"	82° 24' 31.634"
P5883	82	23° 5' 33.516"	82° 23' 34.568"	P5884	82	23° 5' 33.606"	82° 23' 34.595"
P5885	82	23° 5' 33.698"	82° 23' 34.621"	P5886	82	23° 5' 33.818"	82° 23' 34.649"
P5887	82	23° 5' 33.923"	82° 23' 34.675"	P5888	82	23° 5' 34.047"	82° 23' 34.701"
P5889	82	23° 5' 34.227"	82° 23' 34.741"	P5890	82	23° 5' 34.406"	82° 23' 34.765"
P5891	82	23° 5' 34.588"	82° 23' 34.783"	P5892	82	23° 5' 34.692"	82° 23' 34.790"
P5893	82	23° 5' 34.744"	82° 23' 34.793"	P5894	82	23° 5' 34.913"	82° 23' 34.793"
P5895	82	23° 5' 35.045"	82° 23' 34.791"	P5896	82	23° 5' 35.219"	82° 23' 34.775"
P5897	82	23° 5' 35.385"	82° 23' 34.755"	P5898	82	23° 5' 35.529"	82° 23' 34.737"
P5899	82	23° 5' 35.651"	82° 23' 34.712"	P5900	82	23° 5' 35.753"	82° 23' 34.690"
P5901	82	23° 5' 35.910"	82° 23' 34.653"	P5902	82	23° 5' 36.034"	82° 23' 34.621"
P5903	82	23° 5' 36.264"	82° 23' 34.548"	P5904	82	23° 5' 36.430"	82° 23' 34.495"
P5905	82	23° 5' 36.583"	82° 23' 34.434"	P5906	82	23° 5' 36.836"	82° 23' 34.324"
P5907	82	23° 5' 37.156"	82° 23' 34.181"	P5908	82	23° 5' 37.446"	82° 23' 34.049"
P5909	82	23° 5' 37.793"	82° 23' 33.895"	P5910	82	23° 5' 38.177"	82° 23' 33.715"
P5911	82	23° 5' 38.577"	82° 23' 33.525"	P5912	82	23° 5' 38.923"	82° 23' 33.364"
P5913	82	23° 5' 39.277"	82° 23' 33.191"	P5914	82	23° 5' 39.526"	82° 23' 33.075"
P5915	83	23° 5' 33.516"	82° 23' 34.568"	P5916	83	23° 5' 33.606"	82° 23' 34.595"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5917	83	23° 5' 33.698"	82° 23' 34.621"	P5918	83	23° 5' 33.818"	82° 23' 34.649"
P5919	83	23° 5' 33.923"	82° 23' 34.675"	P5920	83	23° 5' 34.047"	82° 23' 34.701"
P5921	83	23° 5' 34.227"	82° 23' 34.741"	P5922	83	23° 5' 34.406"	82° 23' 34.765"
P5923	83	23° 5' 34.588"	82° 23' 34.783"	P5924	83	23° 5' 34.692"	82° 23' 34.790"
P5925	83	23° 5' 34.744"	82° 23' 34.793"	P5926	83	23° 5' 34.913"	82° 23' 34.793"
P5927	83	23° 5' 35.045"	82° 23' 34.791"	P5928	83	23° 5' 35.219"	82° 23' 34.775"
P5929	83	23° 5' 35.385"	82° 23' 34.755"	P5930	83	23° 5' 35.529"	82° 23' 34.737"
P5931	83	23° 5' 35.651"	82° 23' 34.712"	P5932	83	23° 5' 35.753"	82° 23' 34.690"
P5933	83	23° 5' 35.910"	82° 23' 34.653"	P5934	83	23° 5' 36.034"	82° 23' 34.621"
P5935	83	23° 5' 36.264"	82° 23' 34.548"	P5936	83	23° 5' 36.430"	82° 23' 34.495"
P5937	83	23° 5' 36.583"	82° 23' 34.434"	P5938	83	23° 5' 36.836"	82° 23' 34.324"
P5939	83	23° 5' 37.156"	82° 23' 34.181"	P5940	83	23° 5' 37.446"	82° 23' 34.049"
P5941	83	23° 5' 37.793"	82° 23' 33.895"	P5942	83	23° 5' 38.177"	82° 23' 33.715"
P5943	83	23° 5' 38.577"	82° 23' 33.525"	P5944	83	23° 5' 38.923"	82° 23' 33.364"
P5945	83	23° 5' 39.277"	82° 23' 33.191"	P5946	83	23° 5' 39.526"	82° 23' 33.075"
P5947	84	23° 2' 59.373"	82° 20' 6.913"	P5948	84	23° 2' 59.346"	82° 20' 6.907"
P5949	84	23° 2' 59.269"	82° 20' 6.885"	P5950	84	23° 2' 59.186"	82° 20' 6.850"
P5951	84	23° 2' 59.075"	82° 20' 6.799"	P5952	84	23° 2' 58.962"	82° 20' 6.740"
P5953	84	23° 2' 58.842"	82° 20' 6.666"	P5954	84	23° 2' 58.728"	82° 20' 6.592"
P5955	84	23° 2' 58.583"	82° 20' 6.491"	P5956	84	23° 2' 58.426"	82° 20' 6.383"
P5957	84	23° 2' 58.114"	82° 20' 6.167"	P5958	84	23° 2' 57.954"	82° 20' 6.055"
P5959	84	23° 2' 57.776"	82° 20' 5.921"	P5960	84	23° 2' 57.631"	82° 20' 5.820"
P5961	84	23° 2' 57.474"	82° 20' 5.703"	P5962	84	23° 2' 57.287"	82° 20' 5.568"
P5963	84	23° 2' 57.062"	82° 20' 5.403"	P5964	84	23° 2' 56.878"	82° 20' 5.282"
P5965	84	23° 2' 56.698"	82° 20' 5.172"	P5966	84	23° 2' 56.481"	82° 20' 5.059"
P5967	84	23° 2' 56.205"	82° 20' 4.922"	P5968	84	23° 2' 55.932"	82° 20' 4.799"
P5969	84	23° 2' 55.750"	82° 20' 4.728"	P5970	84	23° 2' 55.572"	82° 20' 4.664"
P5971	84	23° 2' 55.443"	82° 20' 4.621"	P5972	84	23° 2' 55.325"	82° 20' 4.599"
P5973	84	23° 2' 55.241"	82° 20' 4.585"	P5974	84	23° 2' 55.078"	82° 20' 4.566"
P5975	84	23° 2' 54.936"	82° 20' 4.549"	P5976	84	23° 2' 54.787"	82° 20' 4.539"
P5977	84	23° 2' 54.557"	82° 20' 4.523"	P5978	84	23° 2' 54.303"	82° 20' 4.517"
P5979	84	23° 2' 53.993"	82° 20' 4.512"	P5980	84	23° 2' 53.716"	82° 20' 4.512"
P5981	84	23° 2' 53.311"	82° 20' 4.507"	P5982	84	23° 2' 53.039"	82° 20' 4.515"
P5983	84	23° 2' 52.804"	82° 20' 4.509"	P5984	84	23° 2' 52.524"	82° 20' 4.523"
P5985	84	23° 2' 52.401"	82° 20' 4.538"	P5986	84	23° 2' 52.256"	82° 20' 4.560"
P5987	84	23° 2' 52.182"	82° 20' 4.571"	P5988	84	23° 2' 52.039"	82° 20' 4.596"
P5989	84	23° 2' 51.975"	82° 20' 4.609"	P5990	84	23° 2' 51.869"	82° 20' 4.641"
P5991	84	23° 2' 51.779"	82° 20' 4.669"	P5992	84	23° 2' 51.634"	82° 20' 4.717"
P5993	84	23° 2' 51.528"	82° 20' 4.751"	P5994	84	23° 2' 51.456"	82° 20' 4.779"
P5995	84	23° 2' 51.193"	82° 20' 4.879"	P5996	84	23° 2' 51.068"	82° 20' 4.928"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P5997	84	23° 2' 50.851"	82° 20' 5.010"	P5998	84	23° 2' 50.610"	82° 20' 5.107"
P5999	84	23° 2' 50.410"	82° 20' 5.193"	P6000	84	23° 2' 50.263"	82° 20' 5.254"
P6001	84	23° 2' 50.054"	82° 20' 5.336"	P6002	84	23° 2' 49.972"	82° 20' 5.371"
P6003	84	23° 2' 49.856"	82° 20' 5.427"	P6004	84	23° 2' 49.783"	82° 20' 5.470"
P6005	84	23° 2' 49.695"	82° 20' 5.525"	P6006	84	23° 2' 49.565"	82° 20' 5.600"
P6007	84	23° 2' 49.405"	82° 20' 5.703"	P6008	84	23° 2' 49.238"	82° 20' 5.816"
P6009	84	23° 2' 49.113"	82° 20' 5.898"	P6010	84	23° 2' 48.964"	82° 20' 5.998"
P6011	84	23° 2' 48.774"	82° 20' 6.130"	P6012	84	23° 2' 48.521"	82° 20' 6.311"
P6013	84	23° 2' 48.254"	82° 20' 6.504"	P6014	84	23° 2' 47.901"	82° 20' 6.729"
P6015	84	23° 2' 47.728"	82° 20' 6.827"	P6016	84	23° 2' 47.579"	82° 20' 6.909"
P6017	84	23° 2' 47.428"	82° 20' 6.981"	P6018	84	23° 2' 47.262"	82° 20' 7.043"
P6019	84	23° 2' 47.126"	82° 20' 7.090"	P6020	84	23° 2' 46.983"	82° 20' 7.138"
P6021	84	23° 2' 46.827"	82° 20' 7.180"	P6022	84	23° 2' 46.744"	82° 20' 7.200"
P6023	84	23° 2' 46.609"	82° 20' 7.219"	P6024	84	23° 2' 46.527"	82° 20' 7.229"
P6025	84	23° 2' 46.427"	82° 20' 7.234"	P6026	84	23° 2' 46.357"	82° 20' 7.236"
P6027	84	23° 2' 46.277"	82° 20' 7.231"	P6028	84	23° 2' 46.198"	82° 20' 7.225"
P6029	84	23° 2' 46.085"	82° 20' 7.212"	P6030	84	23° 2' 45.998"	82° 20' 7.198"
P6031	84	23° 2' 45.912"	82° 20' 7.183"	P6032	84	23° 2' 45.818"	82° 20' 7.160"
P6033	84	23° 2' 45.714"	82° 20' 7.138"	P6034	84	23° 2' 45.521"	82° 20' 7.073"
P6035	84	23° 2' 45.341"	82° 20' 7.003"	P6036	84	23° 2' 45.066"	82° 20' 6.902"
P6037	84	23° 2' 44.933"	82° 20' 6.845"	P6038	84	23° 2' 44.808"	82° 20' 6.786"
P6039	84	23° 2' 44.624"	82° 20' 6.684"	P6040	84	23° 2' 44.415"	82° 20' 6.561"
P6041	84	23° 2' 44.300"	82° 20' 6.490"	P6042	84	23° 2' 44.157"	82° 20' 6.401"
P6043	84	23° 2' 44.007"	82° 20' 6.306"	P6044	84	23° 2' 43.832"	82° 20' 6.194"
P6045	84	23° 2' 43.684"	82° 20' 6.096"	P6046	84	23° 2' 43.495"	82° 20' 5.959"
P6047	84	23° 2' 43.328"	82° 20' 5.846"	P6048	84	23° 2' 43.170"	82° 20' 5.732"
P6049	84	23° 2' 42.984"	82° 20' 5.598"	P6050	84	23° 2' 42.828"	82° 20' 5.483"
P6051	84	23° 2' 42.635"	82° 20' 5.347"	P6052	84	23° 2' 42.481"	82° 20' 5.245"
P6053	84	23° 2' 42.322"	82° 20' 5.136"	P6054	84	23° 2' 42.146"	82° 20' 5.027"
P6055	84	23° 2' 41.832"	82° 20' 4.844"	P6056	84	23° 2' 41.559"	82° 20' 4.676"
P6057	84	23° 2' 41.346"	82° 20' 4.547"	P6058	84	23° 2' 41.215"	82° 20' 4.478"
P6059	84	23° 2' 41.065"	82° 20' 4.393"	P6060	84	23° 2' 40.944"	82° 20' 4.311"
P6061	84	23° 2' 40.816"	82° 20' 4.254"	P6062	84	23° 2' 40.692"	82° 20' 4.191"
P6063	84	23° 2' 40.554"	82° 20' 4.127"	P6064	84	23° 2' 40.196"	82° 20' 3.958"
P6065	84	23° 2' 39.862"	82° 20' 3.807"	P6066	84	23° 2' 39.426"	82° 20' 3.604"
P6067	84	23° 2' 39.136"	82° 20' 3.478"	P6068	84	23° 2' 38.988"	82° 20' 3.414"
P6069	84	23° 2' 38.784"	82° 20' 3.319"	P6070	84	23° 2' 38.598"	82° 20' 3.225"
P6071	84	23° 2' 38.440"	82° 20' 3.152"	P6072	84	23° 2' 38.261"	82° 20' 3.068"
P6073	84	23° 2' 38.040"	82° 20' 2.956"	P6074	84	23° 2' 37.894"	82° 20' 2.882"
P6075	84	23° 2' 37.793"	82° 20' 2.831"	P6076	84	23° 2' 37.689"	82° 20' 2.771"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6077	84	23° 2' 37.564"	82° 20' 2.702"	P6078	84	23° 2' 37.460"	82° 20' 2.641"
P6079	84	23° 2' 37.381"	82° 20' 2.595"	P6080	84	23° 2' 37.302"	82° 20' 2.551"
P6081	84	23° 2' 37.227"	82° 20' 2.506"	P6082	84	23° 2' 37.141"	82° 20' 2.453"
P6083	84	23° 2' 37.067"	82° 20' 2.409"	P6084	84	23° 2' 36.992"	82° 20' 2.361"
P6085	84	23° 2' 36.890"	82° 20' 2.293"	P6086	84	23° 2' 36.777"	82° 20' 2.218"
P6087	84	23° 2' 36.674"	82° 20' 2.145"	P6088	84	23° 2' 36.545"	82° 20' 2.041"
P6089	84	23° 2' 36.451"	82° 20' 1.970"	P6090	84	23° 2' 36.367"	82° 20' 1.898"
P6091	84	23° 2' 36.246"	82° 20' 1.783"	P6092	84	23° 2' 36.140"	82° 20' 1.682"
P6093	84	23° 2' 36.024"	82° 20' 1.567"	P6094	84	23° 2' 35.876"	82° 20' 1.403"
P6095	84	23° 2' 35.752"	82° 20' 1.270"	P6096	84	23° 2' 35.638"	82° 20' 1.142"
P6097	84	23° 2' 35.497"	82° 20' 0.966"	P6098	84	23° 2' 35.334"	82° 20' 0.763"
P6099	84	23° 2' 35.159"	82° 20' 0.529"	P6100	84	23° 2' 34.959"	82° 20' 0.264"
P6101	84	23° 2' 34.841"	82° 20' 0.093"	P6102	84	23° 2' 34.734"	82° 19' 59.949"
P6103	84	23° 2' 34.606"	82° 19' 59.763"	P6104	84	23° 2' 34.489"	82° 19' 59.590"
P6105	84	23° 2' 34.412"	82° 19' 59.474"	P6106	84	23° 2' 34.344"	82° 19' 59.369"
P6107	84	23° 2' 34.273"	82° 19' 59.264"	P6108	84	23° 2' 34.168"	82° 19' 59.100"
P6109	84	23° 2' 34.072"	82° 19' 58.947"	P6110	84	23° 2' 33.981"	82° 19' 58.809"
P6111	84	23° 2' 33.863"	82° 19' 58.635"	P6112	84	23° 2' 33.780"	82° 19' 58.514"
P6113	84	23° 2' 33.683"	82° 19' 58.377"	P6114	84	23° 2' 33.591"	82° 19' 58.265"
P6115	84	23° 2' 33.537"	82° 19' 58.208"	P6116	84	23° 2' 33.438"	82° 19' 58.126"
P6117	84	23° 2' 33.382"	82° 19' 58.079"	P6118	84	23° 2' 33.271"	82° 19' 58.010"
P6119	84	23° 2' 33.170"	82° 19' 57.961"	P6120	84	23° 2' 33.142"	82° 19' 57.947"
P6121	84	23° 2' 33.059"	82° 19' 57.924"	P6122	84	23° 2' 32.981"	82° 19' 57.902"
P6123	84	23° 2' 32.944"	82° 19' 57.896"	P6124	84	23° 2' 32.812"	82° 19' 57.872"
P6125	84	23° 2' 32.690"	82° 19' 57.860"	P6126	84	23° 2' 32.611"	82° 19' 57.854"
P6127	84	23° 2' 32.518"	82° 19' 57.849"	P6128	84	23° 2' 32.425"	82° 19' 57.848"
P6129	84	23° 2' 32.252"	82° 19' 57.844"	P6130	84	23° 2' 31.979"	82° 19' 57.840"
P6131	84	23° 2' 31.732"	82° 19' 57.835"	P6132	84	23° 2' 31.396"	82° 19' 57.841"
P6133	84	23° 2' 31.101"	82° 19' 57.854"	P6134	84	23° 2' 30.796"	82° 19' 57.869"
P6135	84	23° 2' 30.579"	82° 19' 57.882"	P6136	84	23° 2' 30.301"	82° 19' 57.911"
P6137	84	23° 2' 29.963"	82° 19' 57.952"	P6138	84	23° 2' 29.489"	82° 19' 57.995"
P6139	84	23° 2' 29.152"	82° 19' 58.026"	P6140	84	23° 2' 28.836"	82° 19' 58.045"
P6141	84	23° 2' 28.582"	82° 19' 58.057"	P6142	84	23° 2' 28.407"	82° 19' 58.060"
P6143	84	23° 2' 28.249"	82° 19' 58.059"	P6144	84	23° 2' 28.003"	82° 19' 58.049"
P6145	84	23° 2' 27.792"	82° 19' 58.045"	P6146	84	23° 2' 27.625"	82° 19' 58.030"
P6147	84	23° 2' 27.443"	82° 19' 58.018"	P6148	84	23° 2' 27.222"	82° 19' 58.004"
P6149	84	23° 2' 27.033"	82° 19' 57.986"	P6150	85	23° 0' 51.712"	82° 17' 0.095"
P6151	85	23° 0' 51.699"	82° 17' 0.062"	P6152	85	23° 0' 51.649"	82° 16' 59.931"
P6153	85	23° 0' 51.587"	82° 16' 59.766"	P6154	85	23° 0' 51.516"	82° 16' 59.594"
P6155	85	23° 0' 51.469"	82° 16' 59.470"	P6156	85	23° 0' 51.404"	82° 16' 59.309"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6157	85	23° 0' 51.344"	82° 16' 59.156"	P6158	85	23° 0' 51.289"	82° 16' 59.025"
P6159	85	23° 0' 51.221"	82° 16' 58.843"	P6160	85	23° 0' 51.159"	82° 16' 58.685"
P6161	85	23° 0' 51.118"	82° 16' 58.584"	P6162	85	23° 0' 51.060"	82° 16' 58.445"
P6163	85	23° 0' 50.983"	82° 16' 58.255"	P6164	85	23° 0' 50.918"	82° 16' 58.110"
P6165	85	23° 0' 50.849"	82° 16' 57.948"	P6166	85	23° 0' 50.802"	82° 16' 57.845"
P6167	85	23° 0' 50.697"	82° 16' 57.613"	P6168	85	23° 0' 50.636"	82° 16' 57.472"
P6169	85	23° 0' 50.560"	82° 16' 57.301"	P6170	85	23° 0' 50.505"	82° 16' 57.183"
P6171	85	23° 0' 50.503"	82° 16' 57.176"	P6172	85	23° 0' 50.431"	82° 16' 57.019"
P6173	85	23° 0' 50.350"	82° 16' 56.843"	P6174	85	23° 0' 50.279"	82° 16' 56.703"
P6175	85	23° 0' 50.236"	82° 16' 56.603"	P6176	85	23° 0' 50.190"	82° 16' 56.503"
P6177	85	23° 0' 50.128"	82° 16' 56.364"	P6178	85	23° 0' 50.060"	82° 16' 56.216"
P6179	85	23° 0' 49.988"	82° 16' 56.058"	P6180	85	23° 0' 49.935"	82° 16' 55.939"
P6181	85	23° 0' 49.877"	82° 16' 55.804"	P6182	85	23° 0' 49.823"	82° 16' 55.673"
P6183	85	23° 0' 49.767"	82° 16' 55.535"	P6184	85	23° 0' 49.731"	82° 16' 55.455"
P6185	85	23° 0' 49.694"	82° 16' 55.365"	P6186	85	23° 0' 49.647"	82° 16' 55.252"
P6187	85	23° 0' 49.588"	82° 16' 55.097"	P6188	85	23° 0' 49.516"	82° 16' 54.901"
P6189	85	23° 0' 49.457"	82° 16' 54.720"	P6190	85	23° 0' 49.401"	82° 16' 54.551"
P6191	85	23° 0' 49.342"	82° 16' 54.368"	P6192	85	23° 0' 49.300"	82° 16' 54.235"
P6193	85	23° 0' 49.253"	82° 16' 54.061"	P6194	85	23° 0' 49.200"	82° 16' 53.853"
P6195	85	23° 0' 49.150"	82° 16' 53.676"	P6196	85	23° 0' 49.099"	82° 16' 53.479"
P6197	85	23° 0' 49.058"	82° 16' 53.313"	P6198	85	23° 0' 49.013"	82° 16' 53.134"
P6199	85	23° 0' 48.975"	82° 16' 52.976"	P6200	85	23° 0' 48.932"	82° 16' 52.808"
P6201	85	23° 0' 48.898"	82° 16' 52.650"	P6202	85	23° 0' 48.850"	82° 16' 52.462"
P6203	85	23° 0' 48.812"	82° 16' 52.327"	P6204	85	23° 0' 48.774"	82° 16' 52.169"
P6205	85	23° 0' 48.741"	82° 16' 52.062"	P6206	85	23° 0' 48.707"	82° 16' 51.948"
P6207	85	23° 0' 48.676"	82° 16' 51.838"	P6208	85	23° 0' 48.647"	82° 16' 51.744"
P6209	85	23° 0' 48.614"	82° 16' 51.668"	P6210	85	23° 0' 48.573"	82° 16' 51.575"
P6211	85	23° 0' 48.545"	82° 16' 51.509"	P6212	85	23° 0' 48.514"	82° 16' 51.446"
P6213	85	23° 0' 48.474"	82° 16' 51.374"	P6214	85	23° 0' 48.443"	82° 16' 51.319"
P6215	85	23° 0' 48.411"	82° 16' 51.269"	P6216	85	23° 0' 48.375"	82° 16' 51.214"
P6217	85	23° 0' 48.336"	82° 16' 51.163"	P6218	85	23° 0' 48.290"	82° 16' 51.110"
P6219	85	23° 0' 48.232"	82° 16' 51.053"	P6220	85	23° 0' 48.166"	82° 16' 50.998"
P6221	85	23° 0' 48.123"	82° 16' 50.970"	P6222	85	23° 0' 48.026"	82° 16' 50.903"
P6223	85	23° 0' 47.926"	82° 16' 50.838"	P6224	85	23° 0' 47.814"	82° 16' 50.778"
P6225	85	23° 0' 47.713"	82° 16' 50.722"	P6226	85	23° 0' 47.619"	82° 16' 50.675"
P6227	85	23° 0' 47.508"	82° 16' 50.622"	P6228	85	23° 0' 47.390"	82° 16' 50.568"
P6229	85	23° 0' 47.265"	82° 16' 50.512"	P6230	85	23° 0' 47.166"	82° 16' 50.467"
P6231	85	23° 0' 47.047"	82° 16' 50.413"	P6232	85	23° 0' 46.931"	82° 16' 50.365"
P6233	85	23° 0' 46.838"	82° 16' 50.333"	P6234	85	23° 0' 46.717"	82° 16' 50.290"
P6235	85	23° 0' 46.624"	82° 16' 50.260"	P6236	85	23° 0' 46.499"	82° 16' 50.224"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6237	85	23° 0' 46.388"	82° 16' 50.197"	P6238	85	23° 0' 46.297"	82° 16' 50.177"
P6239	85	23° 0' 46.187"	82° 16' 50.154"	P6240	85	23° 0' 46.027"	82° 16' 50.124"
P6241	85	23° 0' 45.914"	82° 16' 50.107"	P6242	85	23° 0' 45.804"	82° 16' 50.093"
P6243	85	23° 0' 45.683"	82° 16' 50.075"	P6244	85	23° 0' 45.574"	82° 16' 50.055"
P6245	85	23° 0' 45.408"	82° 16' 50.033"	P6246	85	23° 0' 45.264"	82° 16' 50.007"
P6247	85	23° 0' 45.120"	82° 16' 49.980"	P6248	85	23° 0' 45.007"	82° 16' 49.960"
P6249	85	23° 0' 44.813"	82° 16' 49.921"	P6250	85	23° 0' 44.541"	82° 16' 49.858"
P6251	85	23° 0' 44.438"	82° 16' 49.831"	P6252	85	23° 0' 44.348"	82° 16' 49.804"
P6253	85	23° 0' 44.261"	82° 16' 49.780"	P6254	85	23° 0' 44.166"	82° 16' 49.749"
P6255	85	23° 0' 44.091"	82° 16' 49.720"	P6256	85	23° 0' 44.015"	82° 16' 49.689"
P6257	85	23° 0' 43.938"	82° 16' 49.653"	P6258	85	23° 0' 43.891"	82° 16' 49.633"
P6259	85	23° 0' 43.826"	82° 16' 49.599"	P6260	85	23° 0' 43.776"	82° 16' 49.570"
P6261	85	23° 0' 43.752"	82° 16' 49.555"	P6262	85	23° 0' 43.714"	82° 16' 49.528"
P6263	85	23° 0' 43.677"	82° 16' 49.499"	P6264	85	23° 0' 43.635"	82° 16' 49.456"
P6265	85	23° 0' 43.608"	82° 16' 49.428"	P6266	85	23° 0' 43.578"	82° 16' 49.390"
P6267	85	23° 0' 43.547"	82° 16' 49.351"	P6268	85	23° 0' 43.526"	82° 16' 49.321"
P6269	85	23° 0' 43.496"	82° 16' 49.267"	P6270	85	23° 0' 43.438"	82° 16' 49.160"
P6271	85	23° 0' 43.392"	82° 16' 49.055"	P6272	85	23° 0' 43.354"	82° 16' 48.962"
P6273	85	23° 0' 43.342"	82° 16' 48.924"	P6274	85	23° 0' 43.304"	82° 16' 48.807"
P6275	85	23° 0' 43.250"	82° 16' 48.634"	P6276	85	23° 0' 43.224"	82° 16' 48.549"
P6277	85	23° 0' 43.183"	82° 16' 48.425"	P6278	85	23° 0' 43.152"	82° 16' 48.306"
P6279	85	23° 0' 43.125"	82° 16' 48.184"	P6280	85	23° 0' 43.098"	82° 16' 48.052"
P6281	85	23° 0' 43.075"	82° 16' 47.894"	P6282	85	23° 0' 43.054"	82° 16' 47.752"
P6283	85	23° 0' 43.041"	82° 16' 47.643"	P6284	85	23° 0' 43.021"	82° 16' 47.457"
P6285	85	23° 0' 43.009"	82° 16' 47.343"	P6286	85	23° 0' 42.995"	82° 16' 47.172"
P6287	85	23° 0' 42.982"	82° 16' 47.003"	P6288	85	23° 0' 42.972"	82° 16' 46.875"
P6289	85	23° 0' 42.952"	82° 16' 46.675"	P6290	85	23° 0' 42.940"	82° 16' 46.506"
P6291	85	23° 0' 42.927"	82° 16' 46.350"	P6292	85	23° 0' 42.917"	82° 16' 46.228"
P6293	85	23° 0' 42.906"	82° 16' 46.051"	P6294	85	23° 0' 42.897"	82° 16' 45.911"
P6295	85	23° 0' 42.886"	82° 16' 45.790"	P6296	85	23° 0' 42.872"	82° 16' 45.636"
P6297	85	23° 0' 42.861"	82° 16' 45.475"	P6298	85	23° 0' 42.853"	82° 16' 45.345"
P6299	85	23° 0' 42.841"	82° 16' 45.204"	P6300	85	23° 0' 42.832"	82° 16' 45.051"
P6301	85	23° 0' 42.820"	82° 16' 44.882"	P6302	85	23° 0' 42.812"	82° 16' 44.731"
P6303	85	23° 0' 42.808"	82° 16' 44.632"	P6304	85	23° 0' 42.800"	82° 16' 44.523"
P6305	85	23° 0' 42.790"	82° 16' 44.367"	P6306	85	23° 0' 42.781"	82° 16' 44.284"
P6307	85	23° 0' 42.777"	82° 16' 44.214"	P6308	85	23° 0' 42.769"	82° 16' 44.129"
P6309	85	23° 0' 42.749"	82° 16' 44.011"	P6310	85	23° 0' 42.725"	82° 16' 43.906"
P6311	85	23° 0' 42.692"	82° 16' 43.790"	P6312	85	23° 0' 42.650"	82° 16' 43.666"
P6313	85	23° 0' 42.604"	82° 16' 43.538"	P6314	85	23° 0' 42.555"	82° 16' 43.413"
P6315	85	23° 0' 42.500"	82° 16' 43.275"	P6316	85	23° 0' 42.441"	82° 16' 43.149"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6317	85	23° 0' 42.384"	82° 16' 43.031"	P6318	85	23° 0' 42.318"	82° 16' 42.898"
P6319	85	23° 0' 42.234"	82° 16' 42.729"	P6320	85	23° 0' 42.157"	82° 16' 42.574"
P6321	85	23° 0' 42.092"	82° 16' 42.451"	P6322	85	23° 0' 41.994"	82° 16' 42.261"
P6323	85	23° 0' 41.886"	82° 16' 42.043"	P6324	85	23° 0' 41.769"	82° 16' 41.820"
P6325	85	23° 0' 41.668"	82° 16' 41.628"	P6326	85	23° 0' 41.547"	82° 16' 41.399"
P6327	85	23° 0' 41.442"	82° 16' 41.211"	P6328	85	23° 0' 41.299"	82° 16' 40.963"
P6329	85	23° 0' 41.200"	82° 16' 40.793"	P6330	85	23° 0' 41.090"	82° 16' 40.592"
P6331	85	23° 0' 41.007"	82° 16' 40.449"	P6332	85	23° 0' 40.903"	82° 16' 40.267"
P6333	85	23° 0' 40.792"	82° 16' 40.089"	P6334	85	23° 0' 40.674"	82° 16' 39.894"
P6335	85	23° 0' 40.593"	82° 16' 39.769"	P6336	85	23° 0' 40.472"	82° 16' 39.584"
P6337	85	23° 0' 40.371"	82° 16' 39.429"	P6338	85	23° 0' 40.261"	82° 16' 39.266"
P6339	85	23° 0' 40.135"	82° 16' 39.086"	P6340	85	23° 0' 40.019"	82° 16' 38.927"
P6341	85	23° 0' 39.899"	82° 16' 38.766"	P6342	85	23° 0' 39.805"	82° 16' 38.650"
P6343	85	23° 0' 39.715"	82° 16' 38.533"	P6344	85	23° 0' 39.669"	82° 16' 38.475"
P6345	85	23° 0' 39.570"	82° 16' 38.348"	P6346	85	23° 0' 39.446"	82° 16' 38.201"
P6347	85	23° 0' 39.348"	82° 16' 38.091"	P6348	85	23° 0' 39.268"	82° 16' 38.000"
P6349	85	23° 0' 39.186"	82° 16' 37.910"	P6350	85	23° 0' 39.131"	82° 16' 37.848"
P6351	85	23° 0' 39.126"	82° 16' 37.842"	P6352	85	23° 0' 39.126"	82° 16' 37.842"
P6353	85	23° 0' 39.119"	82° 16' 37.826"	P6354	85	23° 0' 39.099"	82° 16' 37.788"
P6355	85	23° 0' 39.075"	82° 16' 37.737"	P6356	85	23° 0' 39.050"	82° 16' 37.676"
P6357	85	23° 0' 39.030"	82° 16' 37.622"	P6358	85	23° 0' 39.008"	82° 16' 37.543"
P6359	86	23° 5' 45.898"	82° 24' 23.849"	P6360	86	23° 5' 45.884"	82° 24' 23.784"
P6361	86	23° 5' 45.853"	82° 24' 23.638"	P6362	86	23° 5' 45.821"	82° 24' 23.462"
P6363	86	23° 5' 45.813"	82° 24' 23.384"	P6364	86	23° 5' 45.799"	82° 24' 23.233"
P6365	86	23° 5' 45.783"	82° 24' 22.691"	P6366	86	23° 5' 45.809"	82° 24' 22.011"
P6367	86	23° 5' 45.855"	82° 24' 21.116"	P6368	86	23° 5' 46.018"	82° 24' 19.535"
P6369	86	23° 5' 46.173"	82° 24' 18.530"	P6370	86	23° 5' 46.378"	82° 24' 17.308"
P6371	86	23° 5' 46.591"	82° 24' 15.742"	P6372	86	23° 5' 46.813"	82° 24' 14.156"
P6373	86	23° 5' 46.916"	82° 24' 13.296"	P6374	86	23° 5' 46.949"	82° 24' 12.966"
P6375	86	23° 5' 46.949"	82° 24' 12.713"	P6376	86	23° 5' 46.931"	82° 24' 12.534"
P6377	86	23° 5' 46.854"	82° 24' 12.141"	P6378	86	23° 5' 46.776"	82° 24' 11.803"
P6379	86	23° 5' 46.760"	82° 24' 11.530"	P6380	86	23° 5' 46.732"	82° 24' 11.101"
P6381	86	23° 5' 46.740"	82° 24' 10.696"	P6382	86	23° 5' 46.759"	82° 24' 9.790"
P6383	86	23° 5' 46.799"	82° 24' 9.406"	P6384	86	23° 5' 46.836"	82° 24' 9.208"
P6385	86	23° 5' 46.896"	82° 24' 9.006"	P6386	86	23° 5' 46.934"	82° 24' 8.924"
P6387	86	23° 5' 47.032"	82° 24' 8.784"	P6388	86	23° 5' 47.146"	82° 24' 8.658"
P6389	86	23° 5' 47.296"	82° 24' 8.532"	P6390	86	23° 5' 47.472"	82° 24' 8.415"
P6391	86	23° 5' 47.884"	82° 24' 8.176"	P6392	86	23° 5' 48.186"	82° 24' 7.969"
P6393	86	23° 5' 48.665"	82° 24' 7.656"	P6394	86	23° 5' 48.856"	82° 24' 7.518"
P6395	86	23° 5' 48.978"	82° 24' 7.398"	P6396	86	23° 5' 49.063"	82° 24' 7.299"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6397	86	23° 5' 49.206"	82° 24' 7.122"	P6398	86	23° 5' 49.353"	82° 24' 6.907"
P6399	86	23° 5' 49.466"	82° 24' 6.775"	P6400	86	23° 5' 49.654"	82° 24' 6.584"
P6401	86	23° 5' 50.052"	82° 24' 6.232"	P6402	86	23° 5' 50.209"	82° 24' 6.093"
P6403	86	23° 5' 50.306"	82° 24' 5.975"	P6404	86	23° 5' 50.384"	82° 24' 5.846"
P6405	86	23° 5' 50.462"	82° 24' 5.681"	P6406	86	23° 5' 50.502"	82° 24' 5.558"
P6407	86	23° 5' 50.528"	82° 24' 5.432"	P6408	86	23° 5' 50.547"	82° 24' 5.207"
P6409	86	23° 5' 50.545"	82° 24' 5.003"	P6410	86	23° 5' 50.544"	82° 24' 4.516"
P6411	86	23° 5' 50.540"	82° 24' 4.431"	P6412	86	23° 5' 50.533"	82° 24' 4.151"
P6413	86	23° 5' 50.563"	82° 24' 3.926"	P6414	86	23° 5' 50.682"	82° 24' 3.169"
P6415	86	23° 5' 50.770"	82° 24' 2.704"	P6416	86	23° 5' 50.829"	82° 24' 2.387"
P6417	86	23° 5' 50.882"	82° 24' 2.264"	P6418	86	23° 5' 50.953"	82° 24' 2.123"
P6419	86	23° 5' 51.014"	82° 24' 2.013"	P6420	86	23° 5' 51.085"	82° 24' 1.919"
P6421	86	23° 5' 51.138"	82° 24' 1.793"	P6422	86	23° 5' 51.226"	82° 24' 1.489"
P6423	86	23° 5' 51.520"	82° 24' 0.820"	P6424	86	23° 5' 51.931"	82° 24' 0.073"
P6425	86	23° 5' 52.073"	82° 23' 59.656"	P6426	86	23° 5' 52.210"	82° 23' 59.247"
P6427	86	23° 5' 52.370"	82° 23' 58.737"	P6428	86	23° 5' 52.477"	82° 23' 58.508"
P6429	86	23° 5' 52.602"	82° 23' 58.298"	P6430	86	23° 5' 52.853"	82° 23' 57.983"
P6431	86	23° 5' 53.109"	82° 23' 57.677"	P6432	86	23° 5' 53.489"	82° 23' 57.118"
P6433	86	23° 5' 53.728"	82° 23' 56.693"	P6434	86	23° 5' 54.181"	82° 23' 55.828"
P6435	86	23° 5' 54.517"	82° 23' 55.212"	P6436	86	23° 5' 54.698"	82° 23' 54.920"
P6437	86	23° 5' 54.793"	82° 23' 54.786"	P6438	86	23° 5' 54.880"	82° 23' 54.687"
P6439	86	23° 5' 54.990"	82° 23' 54.570"	P6440	86	23° 5' 55.206"	82° 23' 54.362"
P6441	86	23° 5' 55.362"	82° 23' 54.243"	P6442	86	23° 5' 55.493"	82° 23' 54.146"
P6443	86	23° 5' 55.598"	82° 23' 54.101"	P6444	86	23° 5' 55.971"	82° 23' 53.943"
P6445	86	23° 5' 56.305"	82° 23' 53.781"	P6446	86	23° 5' 57.312"	82° 23' 53.279"
P6447	86	23° 5' 58.334"	82° 23' 52.753"	P6448	86	23° 5' 58.815"	82° 23' 52.537"
P6449	86	23° 5' 59.400"	82° 23' 52.332"	P6450	86	23° 5' 59.700"	82° 23' 52.243"
P6451	86	23° 6' 0.019"	82° 23' 52.143"	P6452	86	23° 6' 0.171"	82° 23' 52.076"
P6453	86	23° 6' 0.359"	82° 23' 51.981"	P6454	86	23° 6' 0.464"	82° 23' 51.908"
P6455	86	23° 6' 0.647"	82° 23' 51.734"	P6456	86	23° 6' 0.848"	82° 23' 51.494"
P6457	86	23° 6' 0.961"	82° 23' 51.343"	P6458	86	23° 6' 1.051"	82° 23' 51.199"
P6459	86	23° 6' 1.206"	82° 23' 50.885"	P6460	86	23° 6' 1.392"	82° 23' 50.543"
P6461	86	23° 6' 1.794"	82° 23' 49.751"	P6462	86	23° 6' 2.193"	82° 23' 48.823"
P6463	86	23° 6' 2.548"	82° 23' 48.065"	P6464	86	23° 6' 3.006"	82° 23' 47.124"
P6465	86	23° 6' 3.103"	82° 23' 46.940"	P6466	86	23° 6' 3.184"	82° 23' 46.824"
P6467	86	23° 6' 3.257"	82° 23' 46.712"	P6468	86	23° 6' 3.400"	82° 23' 46.556"
P6469	86	23° 6' 3.640"	82° 23' 46.336"	P6470	86	23° 6' 3.816"	82° 23' 46.187"
P6471	86	23° 6' 3.932"	82° 23' 46.089"	P6472	86	23° 6' 4.061"	82° 23' 45.986"
P6473	86	23° 6' 4.127"	82° 23' 45.949"	P6474	86	23° 6' 4.286"	82° 23' 45.895"
P6475	86	23° 6' 4.926"	82° 23' 45.649"	P6476	86	23° 6' 5.133"	82° 23' 45.563"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6477	86	23° 6' 5.438"	82° 23' 45.403"	P6478	86	23° 6' 5.964"	82° 23' 45.062"
P6479	86	23° 6' 6.468"	82° 23' 44.736"	P6480	86	23° 6' 6.778"	82° 23' 44.595"
P6481	86	23° 6' 6.905"	82° 23' 44.551"	P6482	86	23° 6' 7.346"	82° 23' 44.422"
P6483	86	23° 6' 7.855"	82° 23' 44.160"	P6484	86	23° 6' 8.576"	82° 23' 43.815"
P6485	86	23° 6' 10.214"	82° 23' 42.928"	P6486	86	23° 6' 10.578"	82° 23' 42.670"
P6487	86	23° 6' 10.883"	82° 23' 42.414"	P6488	86	23° 6' 11.019"	82° 23' 42.309"
P6489	86	23° 6' 11.234"	82° 23' 42.096"	P6490	86	23° 6' 11.583"	82° 23' 41.702"
P6491	86	23° 6' 12.344"	82° 23' 40.906"	P6492	86	23° 6' 13.465"	82° 23' 39.090"
P6493	86	23° 6' 13.639"	82° 23' 38.806"	P6494	86	23° 6' 13.713"	82° 23' 38.648"
P6495	86	23° 6' 13.794"	82° 23' 38.448"	P6496	86	23° 6' 13.823"	82° 23' 38.270"
P6497	86	23° 6' 13.858"	82° 23' 38.098"	P6498	86	23° 6' 13.892"	82° 23' 38.011"
P6499	86	23° 6' 13.948"	82° 23' 37.908"	P6500	86	23° 6' 14.107"	82° 23' 37.651"
P6501	86	23° 6' 14.181"	82° 23' 37.578"	P6502	87	23° 3' 12.963"	82° 23' 48.176"
P6503	87	23° 3' 12.993"	82° 23' 48.075"	P6504	87	23° 3' 13.066"	82° 23' 47.862"
P6505	87	23° 3' 13.229"	82° 23' 47.351"	P6506	87	23° 3' 13.344"	82° 23' 46.976"
P6507	87	23° 3' 13.472"	82° 23' 46.578"	P6508	87	23° 3' 13.651"	82° 23' 45.967"
P6509	87	23° 3' 13.784"	82° 23' 45.533"	P6510	87	23° 3' 13.901"	82° 23' 45.127"
P6511	87	23° 3' 13.989"	82° 23' 44.835"	P6512	87	23° 3' 14.070"	82° 23' 44.560"
P6513	87	23° 3' 14.139"	82° 23' 44.326"	P6514	87	23° 3' 14.223"	82° 23' 44.034"
P6515	87	23° 3' 14.324"	82° 23' 43.704"	P6516	87	23° 3' 14.430"	82° 23' 43.355"
P6517	87	23° 3' 14.600"	82° 23' 42.765"	P6518	87	23° 3' 14.730"	82° 23' 42.323"
P6519	87	23° 3' 14.873"	82° 23' 41.869"	P6520	87	23° 3' 15.014"	82° 23' 41.377"
P6521	87	23° 3' 15.132"	82° 23' 40.984"	P6522	87	23° 3' 15.271"	82° 23' 40.517"
P6523	87	23° 3' 15.413"	82° 23' 40.039"	P6524	87	23° 3' 15.587"	82° 23' 39.447"
P6525	87	23° 3' 15.722"	82° 23' 38.998"	P6526	87	23° 3' 15.873"	82° 23' 38.493"
P6527	87	23° 3' 16.074"	82° 23' 37.790"	P6528	87	23° 3' 16.183"	82° 23' 37.413"
P6529	87	23° 3' 16.287"	82° 23' 37.037"	P6530	87	23° 3' 16.425"	82° 23' 36.572"
P6531	87	23° 3' 16.520"	82° 23' 36.241"	P6532	87	23° 3' 16.633"	82° 23' 35.833"
P6533	87	23° 3' 16.842"	82° 23' 35.068"	P6534	87	23° 3' 16.983"	82° 23' 34.550"
P6535	87	23° 3' 17.135"	82° 23' 33.996"	P6536	87	23° 3' 17.237"	82° 23' 33.646"
P6537	87	23° 3' 17.338"	82° 23' 33.333"	P6538	87	23° 3' 17.413"	82° 23' 33.084"
P6539	87	23° 3' 17.488"	82° 23' 32.863"	P6540	87	23° 3' 17.590"	82° 23' 32.552"
P6541	87	23° 3' 17.676"	82° 23' 32.335"	P6542	87	23° 3' 17.739"	82° 23' 32.167"
P6543	87	23° 3' 17.870"	82° 23' 31.840"	P6544	87	23° 3' 17.946"	82° 23' 31.672"
P6545	87	23° 3' 18.075"	82° 23' 31.369"	P6546	87	23° 3' 18.126"	82° 23' 31.265"
P6547	87	23° 3' 18.188"	82° 23' 31.140"	P6548	87	23° 3' 18.309"	82° 23' 30.887"
P6549	87	23° 3' 18.401"	82° 23' 30.716"	P6550	87	23° 3' 18.454"	82° 23' 30.616"
P6551	87	23° 3' 18.505"	82° 23' 30.526"	P6552	87	23° 3' 18.621"	82° 23' 30.321"
P6553	87	23° 3' 18.711"	82° 23' 30.168"	P6554	87	23° 3' 18.870"	82° 23' 29.909"
P6555	87	23° 3' 18.968"	82° 23' 29.756"	P6556	87	23° 3' 19.150"	82° 23' 29.465"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6557	87	23° 3' 19.292"	82° 23' 29.238"	P6558	87	23° 3' 19.520"	82° 23' 28.865"
P6559	87	23° 3' 19.829"	82° 23' 28.378"	P6560	87	23° 3' 20.066"	82° 23' 27.995"
P6561	87	23° 3' 20.372"	82° 23' 27.510"	P6562	87	23° 3' 20.571"	82° 23' 27.193"
P6563	87	23° 3' 20.758"	82° 23' 26.904"	P6564	87	23° 3' 20.881"	82° 23' 26.710"
P6565	87	23° 3' 21.050"	82° 23' 26.432"	P6566	87	23° 3' 21.140"	82° 23' 26.304"
P6567	87	23° 3' 21.361"	82° 23' 25.962"	P6568	87	23° 3' 21.569"	82° 23' 25.623"
P6569	87	23° 3' 21.939"	82° 23' 25.043"	P6570	87	23° 3' 22.158"	82° 23' 24.695"
P6571	87	23° 3' 22.418"	82° 23' 24.302"	P6572	87	23° 3' 22.609"	82° 23' 23.999"
P6573	87	23° 3' 22.679"	82° 23' 23.888"	P6574	87	23° 3' 22.784"	82° 23' 23.720"
P6575	87	23° 3' 22.897"	82° 23' 23.538"	P6576	87	23° 3' 23.037"	82° 23' 23.279"
P6577	87	23° 3' 23.165"	82° 23' 23.007"	P6578	87	23° 3' 23.244"	82° 23' 22.828"
P6579	87	23° 3' 23.296"	82° 23' 22.693"	P6580	87	23° 3' 23.354"	82° 23' 22.535"
P6581	87	23° 3' 23.420"	82° 23' 22.336"	P6582	87	23° 3' 23.445"	82° 23' 22.253"
P6583	87	23° 3' 23.469"	82° 23' 22.170"	P6584	87	23° 3' 23.540"	82° 23' 21.920"
P6585	87	23° 3' 23.566"	82° 23' 21.805"	P6586	87	23° 3' 23.588"	82° 23' 21.714"
P6587	87	23° 3' 23.619"	82° 23' 21.552"	P6588	87	23° 3' 23.650"	82° 23' 21.407"
P6589	87	23° 3' 23.676"	82° 23' 21.234"	P6590	87	23° 3' 23.715"	82° 23' 21.026"
P6591	87	23° 3' 23.742"	82° 23' 20.853"	P6592	87	23° 3' 23.788"	82° 23' 20.534"
P6593	87	23° 3' 23.844"	82° 23' 20.157"	P6594	87	23° 3' 23.916"	82° 23' 19.689"
P6595	87	23° 3' 23.994"	82° 23' 19.294"	P6596	87	23° 3' 24.092"	82° 23' 18.933"
P6597	87	23° 3' 24.179"	82° 23' 18.721"	P6598	87	23° 3' 24.268"	82° 23' 18.556"
P6599	87	23° 3' 24.354"	82° 23' 18.408"	P6600	87	23° 3' 24.420"	82° 23' 18.312"
P6601	87	23° 3' 24.505"	82° 23' 18.207"	P6602	87	23° 3' 24.556"	82° 23' 18.147"
P6603	87	23° 3' 24.693"	82° 23' 18.038"	P6604	87	23° 3' 24.784"	82° 23' 17.982"
P6605	87	23° 3' 24.880"	82° 23' 17.920"	P6606	87	23° 3' 24.981"	82° 23' 17.864"
P6607	87	23° 3' 25.071"	82° 23' 17.806"	P6608	87	23° 3' 25.163"	82° 23' 17.745"
P6609	87	23° 3' 25.250"	82° 23' 17.690"	P6610	87	23° 3' 25.505"	82° 23' 17.577"
P6611	87	23° 3' 27.197"	82° 23' 16.450"	P6612	87	23° 3' 27.473"	82° 23' 16.166"
P6613	87	23° 3' 27.820"	82° 23' 15.902"	P6614	87	23° 3' 28.278"	82° 23' 15.626"
P6615	87	23° 3' 28.489"	82° 23' 15.559"	P6616	87	23° 3' 28.674"	82° 23' 15.517"
P6617	87	23° 3' 28.835"	82° 23' 15.502"	P6618	87	23° 3' 28.975"	82° 23' 15.496"
P6619	87	23° 3' 29.240"	82° 23' 15.530"	P6620	87	23° 3' 29.416"	82° 23' 15.556"
P6621	87	23° 3' 29.503"	82° 23' 15.577"	P6622	87	23° 3' 29.581"	82° 23' 15.610"
P6623	87	23° 3' 29.649"	82° 23' 15.647"	P6624	87	23° 3' 29.714"	82° 23' 15.689"
P6625	87	23° 3' 29.783"	82° 23' 15.736"	P6626	87	23° 3' 29.866"	82° 23' 15.799"
P6627	87	23° 3' 29.966"	82° 23' 15.879"	P6628	87	23° 3' 30.073"	82° 23' 15.975"
P6629	87	23° 3' 30.186"	82° 23' 16.079"	P6630	87	23° 3' 30.280"	82° 23' 16.171"
P6631	87	23° 3' 30.374"	82° 23' 16.275"	P6632	87	23° 3' 30.453"	82° 23' 16.365"
P6633	87	23° 3' 30.585"	82° 23' 16.535"	P6634	87	23° 3' 30.892"	82° 23' 16.914"
P6635	87	23° 3' 30.986"	82° 23' 17.049"	P6636	87	23° 3' 31.099"	82° 23' 17.212"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6637	87	23° 3' 31.197"	82° 23' 17.363"	P6638	87	23° 3' 31.309"	82° 23' 17.530"
P6639	87	23° 3' 31.440"	82° 23' 17.710"	P6640	87	23° 3' 31.501"	82° 23' 17.792"
P6641	87	23° 3' 31.547"	82° 23' 17.855"	P6642	87	23° 3' 31.592"	82° 23' 17.913"
P6643	87	23° 3' 31.634"	82° 23' 17.967"	P6644	87	23° 3' 31.685"	82° 23' 18.025"
P6645	87	23° 3' 31.800"	82° 23' 18.147"	P6646	87	23° 3' 31.867"	82° 23' 18.210"
P6647	87	23° 3' 31.930"	82° 23' 18.268"	P6648	87	23° 3' 32.003"	82° 23' 18.334"
P6649	87	23° 3' 32.066"	82° 23' 18.382"	P6650	87	23° 3' 32.143"	82° 23' 18.442"
P6651	87	23° 3' 32.230"	82° 23' 18.506"	P6652	87	23° 3' 32.288"	82° 23' 18.549"
P6653	87	23° 3' 32.457"	82° 23' 18.654"	P6654	87	23° 3' 32.563"	82° 23' 18.716"
P6655	87	23° 3' 32.664"	82° 23' 18.771"	P6656	87	23° 3' 32.759"	82° 23' 18.817"
P6657	87	23° 3' 32.826"	82° 23' 18.848"	P6658	87	23° 3' 32.860"	82° 23' 18.862"
P6659	87	23° 3' 33.042"	82° 23' 18.941"	P6660	87	23° 3' 33.209"	82° 23' 19.001"
P6661	87	23° 3' 33.403"	82° 23' 19.080"	P6662	87	23° 3' 34.167"	82° 23' 19.368"
P6663	87	23° 3' 34.827"	82° 23' 19.602"	P6664	87	23° 3' 35.321"	82° 23' 19.804"
P6665	87	23° 3' 35.720"	82° 23' 19.957"	P6666	87	23° 3' 36.090"	82° 23' 20.097"
P6667	87	23° 3' 36.541"	82° 23' 20.277"	P6668	87	23° 3' 37.092"	82° 23' 20.506"
P6669	87	23° 3' 37.685"	82° 23' 20.741"	P6670	87	23° 3' 38.513"	82° 23' 21.050"
P6671	87	23° 3' 39.641"	82° 23' 21.494"	P6672	87	23° 3' 40.720"	82° 23' 21.915"
P6673	87	23° 3' 40.974"	82° 23' 22.010"	P6674	87	23° 3' 41.185"	82° 23' 22.087"
P6675	87	23° 3' 41.489"	82° 23' 22.181"	P6676	87	23° 3' 41.605"	82° 23' 22.215"
P6677	87	23° 3' 41.798"	82° 23' 22.261"	P6678	87	23° 3' 41.953"	82° 23' 22.282"
P6679	87	23° 3' 42.098"	82° 23' 22.300"	P6680	87	23° 3' 42.198"	82° 23' 22.307"
P6681	87	23° 3' 42.239"	82° 23' 22.307"	P6682	87	23° 3' 42.447"	82° 23' 22.312"
P6683	87	23° 3' 42.643"	82° 23' 22.316"	P6684	87	23° 3' 42.795"	82° 23' 22.312"
P6685	87	23° 3' 42.930"	82° 23' 22.303"	P6686	87	23° 3' 43.098"	82° 23' 22.285"
P6687	87	23° 3' 43.211"	82° 23' 22.271"	P6688	87	23° 3' 43.307"	82° 23' 22.257"
P6689	87	23° 3' 43.441"	82° 23' 22.234"	P6690	87	23° 3' 43.547"	82° 23' 22.214"
P6691	87	23° 3' 43.640"	82° 23' 22.191"	P6692	87	23° 3' 43.741"	82° 23' 22.163"
P6693	87	23° 3' 43.834"	82° 23' 22.135"	P6694	87	23° 3' 43.925"	82° 23' 22.110"
P6695	87	23° 3' 44.137"	82° 23' 22.045"	P6696	87	23° 3' 44.308"	82° 23' 21.988"
P6697	87	23° 3' 44.490"	82° 23' 21.927"	P6698	87	23° 3' 44.668"	82° 23' 21.866"
P6699	87	23° 3' 44.839"	82° 23' 21.802"	P6700	87	23° 3' 45.043"	82° 23' 21.724"
P6701	87	23° 3' 45.287"	82° 23' 21.623"	P6702	87	23° 3' 45.464"	82° 23' 21.552"
P6703	87	23° 3' 45.630"	82° 23' 21.487"	P6704	87	23° 3' 46.300"	82° 23' 21.217"
P6705	87	23° 3' 46.810"	82° 23' 20.966"	P6706	87	23° 3' 47.343"	82° 23' 20.710"
P6707	87	23° 3' 47.876"	82° 23' 20.474"	P6708	87	23° 3' 48.370"	82° 23' 20.262"
P6709	87	23° 3' 48.794"	82° 23' 20.075"	P6710	87	23° 3' 49.321"	82° 23' 19.844"
P6711	87	23° 3' 49.539"	82° 23' 19.745"	P6712	87	23° 3' 49.775"	82° 23' 19.648"
P6713	87	23° 3' 50.333"	82° 23' 19.401"	P6714	87	23° 3' 50.604"	82° 23' 19.276"
P6715	87	23° 3' 50.898"	82° 23' 19.151"	P6716	87	23° 3' 51.140"	82° 23' 19.039"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6717	87	23° 3' 51.445"	82° 23' 18.923"	P6718	87	23° 3' 51.738"	82° 23' 18.803"
P6719	87	23° 3' 51.967"	82° 23' 18.715"	P6720	87	23° 3' 52.138"	82° 23' 18.647"
P6721	87	23° 3' 52.263"	82° 23' 18.594"	P6722	87	23° 3' 52.560"	82° 23' 18.465"
P6723	87	23° 3' 52.849"	82° 23' 18.352"	P6724	87	23° 3' 53.044"	82° 23' 18.284"
P6725	87	23° 3' 53.146"	82° 23' 18.252"	P6726	87	23° 3' 53.239"	82° 23' 18.226"
P6727	87	23° 3' 53.344"	82° 23' 18.197"	P6728	87	23° 3' 53.500"	82° 23' 18.150"
P6729	87	23° 3' 53.605"	82° 23' 18.120"	P6730	87	23° 3' 53.707"	82° 23' 18.094"
P6731	87	23° 3' 53.863"	82° 23' 18.053"	P6732	87	23° 3' 53.951"	82° 23' 18.028"
P6733	87	23° 3' 54.024"	82° 23' 18.010"	P6734	87	23° 3' 54.170"	82° 23' 17.975"
P6735	87	23° 3' 54.232"	82° 23' 17.960"	P6736	87	23° 3' 54.295"	82° 23' 17.947"
P6737	87	23° 3' 54.390"	82° 23' 17.928"	P6738	87	23° 3' 54.449"	82° 23' 17.914"
P6739	87	23° 3' 54.520"	82° 23' 17.900"	P6740	87	23° 3' 54.572"	82° 23' 17.890"
P6741	87	23° 3' 54.616"	82° 23' 17.883"	P6742	87	23° 3' 54.666"	82° 23' 17.875"
P6743	87	23° 3' 54.717"	82° 23' 17.868"	P6744	87	23° 3' 54.766"	82° 23' 17.860"
P6745	87	23° 3' 54.813"	82° 23' 17.855"	P6746	87	23° 3' 54.873"	82° 23' 17.849"
P6747	87	23° 3' 54.952"	82° 23' 17.839"	P6748	87	23° 3' 55.004"	82° 23' 17.835"
P6749	87	23° 3' 55.056"	82° 23' 17.830"	P6750	87	23° 3' 55.126"	82° 23' 17.821"
P6751	87	23° 3' 55.220"	82° 23' 17.817"	P6752	87	23° 3' 55.324"	82° 23' 17.808"
P6753	87	23° 3' 55.411"	82° 23' 17.805"	P6754	87	23° 3' 55.528"	82° 23' 17.802"
P6755	87	23° 3' 55.633"	82° 23' 17.802"	P6756	87	23° 3' 55.735"	82° 23' 17.800"
P6757	87	23° 3' 55.855"	82° 23' 17.801"	P6758	87	23° 3' 55.992"	82° 23' 17.801"
P6759	87	23° 3' 56.138"	82° 23' 17.805"	P6760	87	23° 3' 56.268"	82° 23' 17.806"
P6761	87	23° 3' 56.397"	82° 23' 17.783"	P6762	87	23° 3' 56.526"	82° 23' 17.741"
P6763	87	23° 3' 56.656"	82° 23' 17.696"	P6764	87	23° 3' 56.814"	82° 23' 17.663"
P6765	87	23° 3' 56.971"	82° 23' 17.674"	P6766	87	23° 3' 57.098"	82° 23' 17.687"
P6767	87	23° 3' 57.268"	82° 23' 17.750"	P6768	87	23° 3' 57.389"	82° 23' 17.792"
P6769	87	23° 3' 57.649"	82° 23' 17.846"	P6770	87	23° 3' 57.905"	82° 23' 17.858"
P6771	87	23° 3' 58.089"	82° 23' 17.863"	P6772	87	23° 3' 58.244"	82° 23' 17.869"
P6773	87	23° 3' 58.374"	82° 23' 17.872"	P6774	87	23° 3' 58.502"	82° 23' 17.881"
P6775	87	23° 3' 58.824"	82° 23' 17.887"	P6776	87	23° 3' 59.202"	82° 23' 17.909"
P6777	87	23° 3' 59.481"	82° 23' 17.907"	P6778	87	23° 3' 59.642"	82° 23' 17.909"
P6779	87	23° 3' 59.836"	82° 23' 17.908"	P6780	87	23° 4' 0.011"	82° 23' 17.912"
P6781	87	23° 4' 0.161"	82° 23' 17.912"	P6782	87	23° 4' 0.363"	82° 23' 17.911"
P6783	87	23° 4' 0.534"	82° 23' 17.909"	P6784	87	23° 4' 0.690"	82° 23' 17.905"
P6785	87	23° 4' 0.880"	82° 23' 17.899"	P6786	87	23° 4' 1.090"	82° 23' 17.894"
P6787	87	23° 4' 1.239"	82° 23' 17.890"	P6788	87	23° 4' 1.330"	82° 23' 17.880"
P6789	87	23° 4' 1.408"	82° 23' 17.874"	P6790	87	23° 4' 1.478"	82° 23' 17.862"
P6791	87	23° 4' 1.512"	82° 23' 17.856"	P6792	87	23° 4' 1.654"	82° 23' 17.826"
P6793	87	23° 4' 1.763"	82° 23' 17.800"	P6794	87	23° 4' 1.843"	82° 23' 17.778"
P6795	87	23° 4' 1.896"	82° 23' 17.759"	P6796	87	23° 4' 2.003"	82° 23' 17.722"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6797	87	23° 4' 2.134"	82° 23' 17.668"	P6798	87	23° 4' 2.249"	82° 23' 17.611"
P6799	87	23° 4' 2.348"	82° 23' 17.556"	P6800	87	23° 4' 2.472"	82° 23' 17.483"
P6801	87	23° 4' 2.578"	82° 23' 17.414"	P6802	87	23° 4' 2.727"	82° 23' 17.318"
P6803	87	23° 4' 2.920"	82° 23' 17.164"	P6804	87	23° 4' 3.173"	82° 23' 16.971"
P6805	87	23° 4' 3.362"	82° 23' 16.829"	P6806	87	23° 4' 3.519"	82° 23' 16.683"
P6807	87	23° 4' 3.713"	82° 23' 16.503"	P6808	87	23° 4' 3.972"	82° 23' 16.263"
P6809	87	23° 4' 4.318"	82° 23' 15.938"	P6810	87	23° 4' 4.710"	82° 23' 15.578"
P6811	87	23° 4' 5.020"	82° 23' 15.292"	P6812	87	23° 4' 5.277"	82° 23' 15.050"
P6813	87	23° 4' 5.523"	82° 23' 14.822"	P6814	87	23° 4' 5.780"	82° 23' 14.589"
P6815	87	23° 4' 5.997"	82° 23' 14.390"	P6816	87	23° 4' 6.262"	82° 23' 14.152"
P6817	87	23° 4' 6.604"	82° 23' 13.838"	P6818	87	23° 4' 6.840"	82° 23' 13.634"
P6819	87	23° 4' 7.066"	82° 23' 13.423"	P6820	87	23° 4' 7.375"	82° 23' 13.151"
P6821	87	23° 4' 7.618"	82° 23' 12.979"	P6822	87	23° 4' 7.856"	82° 23' 12.715"
P6823	87	23° 4' 8.053"	82° 23' 12.537"	P6824	87	23° 4' 8.405"	82° 23' 12.219"
P6825	87	23° 4' 8.674"	82° 23' 11.966"	P6826	87	23° 4' 9.368"	82° 23' 11.340"
P6827	87	23° 4' 9.549"	82° 23' 11.179"	P6828	87	23° 2' 51.025"	82° 24' 22.187"
P6829	87	23° 2' 51.249"	82° 24' 21.773"	P6830	87	23° 2' 51.483"	82° 24' 21.324"
P6831	87	23° 2' 51.812"	82° 24' 20.740"	P6832	87	23° 2' 51.888"	82° 24' 20.602"
P6833	87	23° 2' 52.058"	82° 24' 20.300"	P6834	87	23° 2' 52.276"	82° 24' 19.914"
P6835	87	23° 2' 52.486"	82° 24' 19.536"	P6836	87	23° 2' 52.627"	82° 24' 19.277"
P6837	87	23° 2' 52.791"	82° 24' 18.983"	P6838	87	23° 2' 52.934"	82° 24' 18.725"
P6839	87	23° 2' 53.056"	82° 24' 18.499"	P6840	87	23° 2' 53.200"	82° 24' 18.241"
P6841	87	23° 2' 53.291"	82° 24' 18.071"	P6842	87	23° 2' 53.400"	82° 24' 17.868"
P6843	87	23° 2' 53.533"	82° 24' 17.629"	P6844	87	23° 2' 53.654"	82° 24' 17.412"
P6845	87	23° 2' 53.783"	82° 24' 17.183"	P6846	87	23° 2' 53.883"	82° 24' 17.004"
P6847	87	23° 2' 53.969"	82° 24' 16.855"	P6848	87	23° 2' 54.175"	82° 24' 16.495"
P6849	87	23° 2' 54.323"	82° 24' 16.226"	P6850	87	23° 2' 54.473"	82° 24' 15.965"
P6851	87	23° 2' 54.676"	82° 24' 15.599"	P6852	87	23° 2' 54.880"	82° 24' 15.234"
P6853	87	23° 2' 54.980"	82° 24' 15.047"	P6854	87	23° 2' 55.077"	82° 24' 14.886"
P6855	87	23° 2' 55.163"	82° 24' 14.733"	P6856	87	23° 2' 55.332"	82° 24' 14.412"
P6857	87	23° 2' 55.466"	82° 24' 14.149"	P6858	87	23° 2' 55.559"	82° 24' 13.947"
P6859	87	23° 2' 55.628"	82° 24' 13.783"	P6860	87	23° 2' 55.675"	82° 24' 13.663"
P6861	87	23° 2' 55.732"	82° 24' 13.498"	P6862	87	23° 2' 55.800"	82° 24' 13.285"
P6863	87	23° 2' 55.882"	82° 24' 12.982"	P6864	87	23° 2' 55.928"	82° 24' 12.763"
P6865	87	23° 2' 55.980"	82° 24' 12.494"	P6866	87	23° 2' 56.009"	82° 24' 12.311"
P6867	87	23° 2' 56.037"	82° 24' 12.055"	P6868	87	23° 2' 56.053"	82° 24' 11.885"
P6869	87	23° 2' 56.074"	82° 24' 11.667"	P6870	87	23° 2' 56.084"	82° 24' 11.515"
P6871	87	23° 2' 56.094"	82° 24' 11.183"	P6872	87	23° 2' 56.120"	82° 24' 10.459"
P6873	87	23° 2' 56.131"	82° 24' 9.716"	P6874	87	23° 2' 56.150"	82° 24' 8.734"
P6875	87	23° 2' 56.155"	82° 24' 7.948"	P6876	87	23° 2' 56.176"	82° 24' 7.260"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6877	87	23° 2' 56.187"	82° 24' 6.782"	P6878	87	23° 2' 56.194"	82° 24' 6.291"
P6879	87	23° 2' 56.199"	82° 24' 5.515"	P6880	87	23° 2' 56.197"	82° 24' 5.262"
P6881	87	23° 2' 56.203"	82° 24' 5.056"	P6882	87	23° 2' 56.203"	82° 24' 4.898"
P6883	87	23° 2' 56.206"	82° 24' 4.746"	P6884	87	23° 2' 56.205"	82° 24' 4.560"
P6885	87	23° 2' 56.206"	82° 24' 4.341"	P6886	87	23° 2' 56.206"	82° 24' 4.092"
P6887	87	23° 2' 56.211"	82° 24' 3.828"	P6888	87	23° 2' 56.212"	82° 24' 3.618"
P6889	87	23° 2' 56.214"	82° 24' 3.482"	P6890	87	23° 2' 56.214"	82° 24' 3.331"
P6891	87	23° 2' 56.217"	82° 24' 3.164"	P6892	87	23° 2' 56.223"	82° 24' 2.957"
P6893	87	23° 2' 56.250"	82° 24' 2.513"	P6894	87	23° 2' 56.264"	82° 24' 2.317"
P6895	87	23° 2' 56.292"	82° 24' 2.003"	P6896	87	23° 2' 56.315"	82° 24' 1.823"
P6897	87	23° 2' 56.343"	82° 24' 1.667"	P6898	87	23° 2' 56.392"	82° 24' 1.490"
P6899	87	23° 2' 56.438"	82° 24' 1.311"	P6900	87	23° 2' 56.493"	82° 24' 1.145"
P6901	87	23° 2' 56.559"	82° 24' 0.963"	P6902	87	23° 2' 56.610"	82° 24' 0.863"
P6903	87	23° 2' 56.654"	82° 24' 0.780"	P6904	87	23° 2' 56.691"	82° 24' 0.725"
P6905	87	23° 2' 56.762"	82° 24' 0.621"	P6906	87	23° 2' 56.851"	82° 24' 0.507"
P6907	87	23° 2' 56.943"	82° 24' 0.412"	P6908	87	23° 2' 57.058"	82° 24' 0.291"
P6909	87	23° 2' 57.158"	82° 24' 0.207"	P6910	87	23° 2' 57.234"	82° 24' 0.144"
P6911	87	23° 2' 57.331"	82° 24' 0.078"	P6912	87	23° 2' 57.401"	82° 24' 0.042"
P6913	87	23° 2' 57.512"	82° 23' 59.989"	P6914	87	23° 2' 57.595"	82° 23' 59.952"
P6915	87	23° 2' 57.683"	82° 23' 59.920"	P6916	87	23° 2' 57.816"	82° 23' 59.870"
P6917	87	23° 2' 57.995"	82° 23' 59.803"	P6918	87	23° 2' 58.092"	82° 23' 59.771"
P6919	87	23° 2' 58.203"	82° 23' 59.735"	P6920	87	23° 2' 58.336"	82° 23' 59.701"
P6921	87	23° 2' 58.464"	82° 23' 59.666"	P6922	87	23° 2' 58.551"	82° 23' 59.625"
P6923	87	23° 2' 58.635"	82° 23' 59.566"	P6924	87	23° 2' 58.824"	82° 23' 59.526"
P6925	87	23° 2' 58.922"	82° 23' 59.538"	P6926	87	23° 2' 59.003"	82° 23' 59.542"
P6927	87	23° 2' 59.100"	82° 23' 59.519"	P6928	87	23° 2' 59.174"	82° 23' 59.501"
P6929	87	23° 2' 59.263"	82° 23' 59.481"	P6930	87	23° 2' 59.397"	82° 23' 59.457"
P6931	87	23° 2' 59.464"	82° 23' 59.441"	P6932	87	23° 2' 59.626"	82° 23' 59.410"
P6933	87	23° 2' 59.694"	82° 23' 59.395"	P6934	87	23° 2' 59.802"	82° 23' 59.365"
P6935	87	23° 2' 59.884"	82° 23' 59.308"	P6936	87	23° 2' 59.952"	82° 23' 59.244"
P6937	87	23° 3' 0.103"	82° 23' 59.219"	P6938	87	23° 3' 0.217"	82° 23' 59.260"
P6939	87	23° 3' 0.291"	82° 23' 59.278"	P6940	87	23° 3' 0.371"	82° 23' 59.266"
P6941	87	23° 3' 0.537"	82° 23' 59.231"	P6942	87	23° 3' 0.739"	82° 23' 59.190"
P6943	87	23° 3' 0.898"	82° 23' 59.159"	P6944	87	23° 3' 1.032"	82° 23' 59.130"
P6945	87	23° 3' 1.150"	82° 23' 59.105"	P6946	87	23° 3' 1.467"	82° 23' 59.041"
P6947	87	23° 3' 1.668"	82° 23' 58.996"	P6948	87	23° 3' 2.333"	82° 23' 58.853"
P6949	87	23° 3' 2.506"	82° 23' 58.826"	P6950	87	23° 3' 2.700"	82° 23' 58.788"
P6951	87	23° 3' 3.031"	82° 23' 58.726"	P6952	87	23° 3' 3.134"	82° 23' 58.708"
P6953	87	23° 3' 3.227"	82° 23' 58.692"	P6954	87	23° 3' 3.359"	82° 23' 58.674"
P6955	87	23° 3' 3.487"	82° 23' 58.649"	P6956	87	23° 3' 3.575"	82° 23' 58.636"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P6957	87	23° 3' 3.733"	82° 23' 58.610"	P6958	87	23° 3' 3.846"	82° 23' 58.592"
P6959	87	23° 3' 4.123"	82° 23' 58.548"	P6960	87	23° 3' 4.407"	82° 23' 58.502"
P6961	87	23° 3' 4.807"	82° 23' 58.438"	P6962	88	23° 2' 30.909"	82° 10' 32.761"
P6963	88	23° 2' 31.884"	82° 10' 33.606"	P6964	88	23° 2' 32.282"	82° 10' 33.889"
P6965	88	23° 2' 32.758"	82° 10' 34.004"	P6966	88	23° 2' 33.895"	82° 10' 33.833"
P6967	88	23° 2' 35.551"	82° 10' 33.317"	P6968	88	23° 2' 37.633"	82° 10' 32.694"
P6969	88	23° 2' 38.874"	82° 10' 32.412"	P6970	88	23° 2' 40.661"	82° 10' 31.605"
P6971	88	23° 2' 41.295"	82° 10' 31.345"	P6972	88	23° 2' 41.580"	82° 10' 31.264"
P6973	88	23° 2' 41.838"	82° 10' 31.239"	P6974	88	23° 2' 42.198"	82° 10' 31.465"
P6975	88	23° 2' 43.790"	82° 10' 32.552"	P6976	88	23° 2' 45.227"	82° 10' 33.638"
P6977	88	23° 2' 45.881"	82° 10' 34.216"	P6978	88	23° 2' 46.584"	82° 10' 35.114"
P6979	88	23° 2' 47.005"	82° 10' 35.801"	P6980	88	23° 2' 47.500"	82° 10' 36.865"
P6981	88	23° 2' 47.918"	82° 10' 37.943"	P6982	88	23° 2' 48.184"	82° 10' 38.628"
P6983	88	23° 2' 48.565"	82° 10' 39.426"	P6984	88	23° 2' 49.051"	82° 10' 40.072"
P6985	88	23° 2' 50.175"	82° 10' 41.518"	P6986	88	23° 2' 52.170"	82° 10' 44.046"
P6987	88	23° 2' 53.731"	82° 10' 45.844"	P6988	88	23° 2' 55.766"	82° 10' 48.107"
P6989	88	23° 2' 59.220"	82° 10' 52.069"	P6990	88	23° 3' 1.383"	82° 10' 54.431"
P6991	88	23° 3' 2.266"	82° 10' 55.457"	P6992	88	23° 3' 3.022"	82° 10' 56.146"
P6993	88	23° 3' 5.064"	82° 10' 57.573"	P6994	88	23° 3' 7.721"	82° 10' 59.367"
P6995	88	23° 3' 8.414"	82° 10' 59.875"	P6996	88	23° 3' 9.516"	82° 11' 1.014"
P6997	88	23° 3' 11.502"	82° 11' 2.900"	P6998	88	23° 3' 14.463"	82° 11' 5.506"
P6999	88	23° 3' 16.297"	82° 11' 7.042"	P7000	88	23° 3' 16.846"	82° 11' 7.772"
P7001	88	23° 3' 17.139"	82° 11' 8.374"	P7002	89	23° 6' 2.229"	82° 17' 31.613"
P7003	89	23° 6' 2.201"	82° 17' 31.709"	P7004	89	23° 6' 2.050"	82° 17' 32.526"
P7005	89	23° 6' 1.901"	82° 17' 33.068"	P7006	89	23° 6' 1.683"	82° 17' 33.646"
P7007	89	23° 6' 1.519"	82° 17' 34.351"	P7008	89	23° 6' 1.616"	82° 17' 35.014"
P7009	89	23° 6' 1.793"	82° 17' 35.313"	P7010	89	23° 6' 2.133"	82° 17' 35.793"
P7011	89	23° 6' 3.066"	82° 17' 36.641"	P7012	89	23° 6' 3.801"	82° 17' 37.318"
P7013	89	23° 6' 4.372"	82° 17' 38.091"	P7014	89	23° 6' 4.910"	82° 17' 38.699"
P7015	89	23° 6' 5.886"	82° 17' 39.682"	P7016	89	23° 6' 6.521"	82° 17' 40.299"
P7017	89	23° 6' 7.375"	82° 17' 41.110"	P7018	89	23° 6' 8.283"	82° 17' 42.027"
P7019	89	23° 6' 8.847"	82° 17' 42.850"	P7020	89	23° 6' 9.494"	82° 17' 43.675"
P7021	89	23° 6' 10.779"	82° 17' 44.774"	P7022	89	23° 6' 11.264"	82° 17' 45.180"
P7023	89	23° 6' 12.715"	82° 17' 46.191"	P7024	89	23° 6' 13.788"	82° 17' 47.146"
P7025	89	23° 6' 14.594"	82° 17' 47.868"	P7026	89	23° 6' 15.726"	82° 17' 49.166"
P7027	89	23° 6' 16.393"	82° 17' 50.050"	P7028	89	23° 6' 17.688"	82° 17' 51.543"
P7029	89	23° 6' 19.100"	82° 17' 53.142"	P7030	89	23° 6' 19.925"	82° 17' 54.109"
P7031	89	23° 6' 20.516"	82° 17' 55.008"	P7032	89	23° 6' 20.772"	82° 17' 55.643"
P7033	89	23° 6' 20.979"	82° 17' 56.485"	P7034	89	23° 6' 21.056"	82° 17' 57.089"
P7035	89	23° 6' 21.006"	82° 17' 58.219"	P7036	89	23° 6' 20.952"	82° 17' 58.918"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7037	89	23° 6' 20.731"	82° 17' 59.801"	P7038	89	23° 6' 20.637"	82° 18' 0.358"
P7039	89	23° 6' 20.410"	82° 18' 1.971"	P7040	89	23° 6' 20.133"	82° 18' 3.843"
P7041	89	23° 6' 20.024"	82° 18' 4.563"	P7042	89	23° 6' 19.725"	82° 18' 4.077"
P7043	89	23° 6' 18.937"	82° 18' 2.909"	P7044	89	23° 6' 18.194"	82° 18' 1.957"
P7045	89	23° 6' 17.743"	82° 18' 1.580"	P7046	89	23° 6' 17.456"	82° 18' 1.429"
P7047	89	23° 6' 17.030"	82° 18' 1.276"	P7048	89	23° 6' 16.631"	82° 18' 1.220"
P7049	89	23° 6' 16.088"	82° 18' 1.200"	P7050	89	23° 6' 14.732"	82° 18' 1.157"
P7051	89	23° 6' 13.549"	82° 18' 1.108"	P7052	89	23° 6' 12.655"	82° 18' 1.033"
P7053	89	23° 6' 12.174"	82° 18' 0.939"	P7054	89	23° 6' 11.838"	82° 18' 0.817"
P7055	89	23° 6' 11.337"	82° 18' 0.581"	P7056	89	23° 6' 10.556"	82° 18' 0.135"
P7057	89	23° 6' 9.864"	82° 17' 59.816"	P7058	89	23° 6' 9.418"	82° 17' 59.633"
P7059	89	23° 6' 8.848"	82° 17' 59.449"	P7060	89	23° 6' 8.306"	82° 17' 59.339"
P7061	89	23° 6' 7.948"	82° 17' 59.314"	P7062	89	23° 6' 7.371"	82° 17' 59.241"
P7063	89	23° 6' 6.895"	82° 17' 59.289"	P7064	89	23° 6' 6.509"	82° 17' 59.344"
P7065	89	23° 6' 5.833"	82° 17' 59.539"	P7066	89	23° 6' 4.482"	82° 17' 59.808"
P7067	89	23° 6' 3.104"	82° 18' 0.078"	P7068	89	23° 6' 2.249"	82° 18' 0.233"
P7069	89	23° 6' 1.458"	82° 18' 0.181"	P7070	89	23° 6' 0.860"	82° 18' 0.049"
P7071	89	23° 6' 0.455"	82° 17' 59.889"	P7072	89	23° 5' 59.895"	82° 17' 59.467"
P7073	89	23° 5' 59.225"	82° 17' 58.858"	P7074	89	23° 5' 58.912"	82° 17' 58.562"
P7075	89	23° 5' 58.806"	82° 17' 58.386"	P7076	89	23° 5' 59.186"	82° 17' 57.884"
P7077	89	23° 5' 59.106"	82° 17' 57.951"	P7078	89	23° 5' 58.756"	82° 17' 58.277"
P7079	89	23° 5' 58.567"	82° 17' 57.922"	P7080	89	23° 5' 58.388"	82° 17' 57.533"
P7081	89	23° 5' 58.047"	82° 17' 56.919"	P7082	89	23° 5' 57.838"	82° 17' 56.579"
P7083	89	23° 5' 57.641"	82° 17' 56.518"	P7084	89	23° 5' 57.350"	82° 17' 56.480"
P7085	89	23° 5' 56.983"	82° 17' 56.484"	P7086	89	23° 5' 56.359"	82° 17' 56.556"
P7087	89	23° 5' 56.093"	82° 17' 56.618"	P7088	89	23° 5' 55.601"	82° 17' 56.732"
P7089	89	23° 5' 54.868"	82° 17' 56.878"	P7090	89	23° 5' 53.660"	82° 17' 57.074"
P7091	90	23° 8' 47.799"	82° 24' 51.911"	P7092	90	23° 8' 47.365"	82° 24' 52.032"
P7093	90	23° 8' 47.128"	82° 24' 52.611"	P7094	90	23° 8' 46.856"	82° 24' 53.047"
P7095	90	23° 8' 46.709"	82° 24' 53.329"	P7096	90	23° 8' 46.610"	82° 24' 53.573"
P7097	90	23° 8' 46.498"	82° 24' 53.810"	P7098	90	23° 8' 46.371"	82° 24' 54.114"
P7099	90	23° 8' 46.224"	82° 24' 54.455"	P7100	90	23° 8' 46.083"	82° 24' 54.766"
P7101	90	23° 8' 45.950"	82° 24' 55.025"	P7102	90	23° 8' 45.790"	82° 24' 55.217"
P7103	90	23° 8' 45.582"	82° 24' 55.408"	P7104	90	23° 8' 45.360"	82° 24' 55.629"
P7105	90	23° 8' 44.876"	82° 24' 55.899"	P7106	90	23° 8' 44.364"	82° 24' 56.192"
P7107	90	23° 8' 43.935"	82° 24' 56.448"	P7108	90	23° 8' 43.547"	82° 24' 56.682"
P7109	90	23° 8' 43.395"	82° 24' 56.829"	P7110	90	23° 8' 43.262"	82° 24' 57.006"
P7111	90	23° 8' 43.115"	82° 24' 57.258"	P7112	90	23° 8' 43.072"	82° 24' 57.480"
P7113	90	23° 8' 43.036"	82° 24' 57.688"	P7114	90	23° 8' 43.067"	82° 24' 58.076"
P7115	90	23° 8' 43.106"	82° 24' 58.351"	P7116	90	23° 8' 43.103"	82° 24' 58.597"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7117	90	23° 8' 43.088"	82° 24' 58.761"	P7118	90	23° 8' 43.045"	82° 24' 59.013"
P7119	90	23° 8' 42.919"	82° 24' 59.235"	P7120	90	23° 8' 42.654"	82° 24' 59.589"
P7121	90	23° 8' 41.793"	82° 25' 0.414"	P7122	90	23° 8' 41.096"	82° 25' 0.960"
P7123	90	23° 8' 40.185"	82° 25' 1.650"	P7124	90	23° 8' 39.215"	82° 25' 2.448"
P7125	90	23° 8' 38.778"	82° 25' 2.816"	P7126	90	23° 8' 38.438"	82° 25' 2.985"
P7127	90	23° 8' 38.069"	82° 25' 3.061"	P7128	90	23° 8' 37.531"	82° 25' 3.027"
P7129	90	23° 8' 36.689"	82° 25' 2.831"	P7130	90	23° 8' 36.030"	82° 25' 2.645"
P7131	90	23° 8' 35.397"	82° 25' 2.467"	P7132	90	23° 8' 34.896"	82° 25' 2.294"
P7133	90	23° 8' 34.474"	82° 25' 2.073"	P7134	90	23° 8' 33.718"	82° 25' 1.520"
P7135	90	23° 8' 33.116"	82° 25' 1.119"	P7136	90	23° 8' 32.569"	82° 25' 0.674"
P7137	90	23° 8' 32.151"	82° 25' 0.499"	P7138	90	23° 8' 31.651"	82° 25' 0.240"
P7139	90	23° 8' 31.349"	82° 25' 0.126"	P7140	90	23° 8' 30.881"	82° 25' 0.083"
P7141	90	23° 8' 30.352"	82° 25' 0.063"	P7142	90	23° 8' 29.980"	82° 25' 0.104"
P7143	90	23° 8' 29.393"	82° 25' 0.328"	P7144	90	23° 8' 28.791"	82° 25' 0.664"
P7145	90	23° 8' 28.202"	82° 25' 1.075"	P7146	90	23° 8' 27.682"	82° 25' 1.538"
P7147	90	23° 8' 27.273"	82° 25' 1.928"	P7148	90	23° 8' 26.689"	82° 25' 2.547"
P7149	90	23° 8' 26.354"	82° 25' 3.042"	P7150	90	23° 8' 25.976"	82° 25' 3.782"
P7151	90	23° 8' 25.624"	82° 25' 4.627"	P7152	90	23° 8' 25.356"	82° 25' 5.398"
P7153	90	23° 8' 25.130"	82° 25' 6.006"	P7154	90	23° 8' 24.872"	82° 25' 6.398"
P7155	90	23° 8' 24.491"	82° 25' 6.669"	P7156	90	23° 8' 23.827"	82° 25' 7.019"
P7157	90	23° 8' 23.185"	82° 25' 7.273"	P7158	90	23° 8' 22.687"	82° 25' 7.491"
P7159	90	23° 8' 22.189"	82° 25' 7.798"	P7160	90	23° 8' 21.682"	82° 25' 8.163"
P7161	90	23° 8' 20.314"	82° 25' 9.676"	P7162	90	23° 8' 19.675"	82° 25' 10.332"
P7163	90	23° 8' 19.313"	82° 25' 10.797"	P7164	91	23° 6' 39.761"	82° 30' 38.802"
P7165	91	23° 6' 40.828"	82° 30' 38.034"	P7166	91	23° 6' 42.620"	82° 30' 37.077"
P7167	91	23° 6' 44.334"	82° 30' 36.152"	P7168	92	23° 5' 55.118"	82° 30' 41.873"
P7169	92	23° 5' 55.175"	82° 30' 41.977"	P7170	92	23° 5' 55.701"	82° 30' 43.247"
P7171	92	23° 5' 56.684"	82° 30' 44.315"	P7172	92	23° 5' 59.146"	82° 30' 47.332"
P7173	92	23° 5' 59.606"	82° 30' 47.704"	P7174	92	23° 6' 0.926"	82° 30' 49.816"
P7175	92	23° 6' 2.548"	82° 30' 51.952"	P7176	92	23° 6' 4.193"	82° 30' 53.726"
P7177	92	23° 6' 5.733"	82° 30' 55.309"	P7178	92	23° 6' 5.851"	82° 30' 55.314"
P7179	92	23° 6' 7.870"	82° 30' 56.111"	P7180	92	23° 6' 8.572"	82° 30' 56.121"
P7181	92	23° 6' 9.979"	82° 30' 55.875"	P7182	92	23° 6' 12.437"	82° 30' 55.006"
P7183	92	23° 6' 16.508"	82° 30' 53.614"	P7184	92	23° 6' 18.743"	82° 30' 50.276"
P7185	92	23° 6' 19.570"	82° 30' 49.516"	P7186	92	23° 6' 21.488"	82° 30' 48.330"
P7187	92	23° 6' 24.007"	82° 30' 47.003"	P7188	92	23° 6' 26.348"	82° 30' 45.971"
P7189	92	23° 6' 28.943"	82° 30' 45.437"	P7190	92	23° 6' 31.118"	82° 30' 45.069"
P7191	92	23° 6' 32.469"	82° 30' 44.382"	P7192	92	23° 6' 35.099"	82° 30' 43.072"
P7193	92	23° 6' 35.881"	82° 30' 42.389"	P7194	93	23° 28' 17.273"	82° 31' 42.040"
P7195	93	23° 28' 17.462"	82° 31' 41.492"	P7196	93	23° 28' 18.425"	82° 31' 40.653"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7197	93	23° 28' 21.193"	82° 31' 37.931"	P7198	93	23° 28' 23.961"	82° 31' 35.209"
P7199	93	23° 28' 24.782"	82° 31' 34.897"	P7200	93	23° 28' 24.782"	82° 31' 34.878"
P7201	93	23° 28' 12.316"	82° 32' 13.007"	P7202	93	23° 28' 13.675"	82° 32' 8.502"
P7203	93	23° 28' 14.716"	82° 32' 1.714"	P7204	93	23° 28' 15.275"	82° 31' 58.513"
P7205	93	23° 28' 15.872"	82° 31' 53.006"	P7206	93	23° 28' 16.409"	82° 31' 52.300"
P7207	93	23° 28' 16.766"	82° 31' 47.314"	P7208	93	23° 28' 16.446"	82° 31' 47.256"
P7209	93	23° 28' 11.860"	82° 32' 17.094"	P7210	93	23° 28' 11.551"	82° 32' 16.688"
P7211	94	23° 28' 12.036"	82° 32' 17.325"	P7212	94	23° 28' 11.860"	82° 32' 17.094"
P7213	95	23° 24' 3.980"	82° 33' 37.997"	P7214	95	23° 24' 4.183"	82° 33' 38.028"
P7215	95	23° 24' 4.973"	82° 33' 38.241"	P7216	95	23° 24' 5.746"	82° 33' 38.281"
P7217	95	23° 24' 6.664"	82° 33' 38.323"	P7218	95	23° 24' 7.604"	82° 33' 38.187"
P7219	95	23° 24' 8.663"	82° 33' 38.230"	P7220	95	23° 24' 9.429"	82° 33' 38.234"
P7221	95	23° 24' 10.313"	82° 33' 38.350"	P7222	95	23° 24' 11.211"	82° 33' 38.617"
P7223	95	23° 24' 12.572"	82° 33' 39.008"	P7224	95	23° 24' 14.391"	82° 33' 39.685"
P7225	95	23° 24' 14.758"	82° 33' 39.879"	P7226	96	23° 5' 45.898"	82° 24' 23.849"
P7227	96	23° 5' 45.539"	82° 24' 23.349"	P7228	96	23° 5' 45.524"	82° 24' 22.685"
P7229	96	23° 5' 45.569"	82° 24' 21.653"	P7230	96	23° 5' 45.596"	82° 24' 20.961"
P7231	96	23° 5' 45.666"	82° 24' 20.008"	P7232	96	23° 5' 45.798"	82° 24' 19.133"
P7233	96	23° 5' 45.964"	82° 24' 17.891"	P7234	96	23° 5' 46.090"	82° 24' 17.027"
P7235	96	23° 5' 46.237"	82° 24' 16.181"	P7236	96	23° 5' 46.441"	82° 24' 14.794"
P7237	96	23° 5' 46.546"	82° 24' 13.941"	P7238	96	23° 5' 46.601"	82° 24' 13.546"
P7239	96	23° 5' 46.683"	82° 24' 13.094"	P7240	96	23° 5' 46.636"	82° 24' 12.508"
P7241	96	23° 5' 46.498"	82° 24' 11.809"	P7242	96	23° 5' 46.451"	82° 24' 10.754"
P7243	96	23° 5' 46.453"	82° 24' 10.486"	P7244	96	23° 5' 46.491"	82° 24' 9.711"
P7245	96	23° 5' 46.508"	82° 24' 9.511"	P7246	96	23° 5' 46.531"	82° 24' 9.304"
P7247	96	23° 5' 46.569"	82° 24' 9.043"	P7248	96	23° 5' 46.654"	82° 24' 8.804"
P7249	96	23° 5' 46.779"	82° 24' 8.626"	P7250	96	23° 5' 46.910"	82° 24' 8.444"
P7251	96	23° 5' 47.113"	82° 24' 8.289"	P7252	96	23° 5' 47.227"	82° 24' 8.179"
P7253	96	23° 5' 47.460"	82° 24' 8.081"	P7254	96	23° 5' 47.813"	82° 24' 7.834"
P7255	96	23° 5' 48.172"	82° 24' 7.614"	P7256	96	23° 5' 48.493"	82° 24' 7.450"
P7257	96	23° 5' 48.649"	82° 24' 7.296"	P7258	96	23° 5' 48.826"	82° 24' 7.108"
P7259	96	23° 5' 48.957"	82° 24' 6.919"	P7260	96	23° 5' 49.093"	82° 24' 6.759"
P7261	96	23° 5' 49.218"	82° 24' 6.593"	P7262	96	23° 5' 49.375"	82° 24' 6.410"
P7263	96	23° 5' 49.515"	82° 24' 6.278"	P7264	96	23° 5' 49.687"	82° 24' 6.129"
P7265	96	23° 5' 49.921"	82° 24' 5.886"	P7266	96	23° 5' 50.046"	82° 24' 5.753"
P7267	96	23° 5' 50.187"	82° 24' 5.582"	P7268	96	23° 5' 50.266"	82° 24' 5.399"
P7269	96	23° 5' 50.273"	82° 24' 5.203"	P7270	96	23° 5' 50.275"	82° 24' 5.008"
P7271	96	23° 5' 50.280"	82° 24' 4.472"	P7272	96	23° 5' 50.299"	82° 24' 4.032"
P7273	96	23° 5' 50.338"	82° 24' 3.698"	P7274	96	23° 5' 50.452"	82° 24' 3.079"
P7275	96	23° 5' 50.517"	82° 24' 2.667"	P7276	96	23° 5' 50.631"	82° 24' 2.088"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7277	96	23° 5' 50.852"	82° 24' 1.661"	P7278	96	23° 5' 51.115"	82° 24' 1.044"
P7279	96	23° 5' 51.268"	82° 24' 0.711"	P7280	96	23° 5' 51.467"	82° 24' 0.350"
P7281	96	23° 5' 51.635"	82° 24' 0.040"	P7282	96	23° 5' 51.899"	82° 23' 59.390"
P7283	96	23° 5' 52.042"	82° 23' 58.939"	P7284	96	23° 5' 52.133"	82° 23' 58.628"
P7285	96	23° 5' 52.207"	82° 23' 58.361"	P7286	96	23° 5' 52.421"	82° 23' 58.089"
P7287	96	23° 5' 52.604"	82° 23' 57.835"	P7288	96	23° 5' 52.901"	82° 23' 57.509"
P7289	96	23° 5' 53.027"	82° 23' 57.298"	P7290	96	23° 5' 53.247"	82° 23' 56.999"
P7291	96	23° 5' 53.488"	82° 23' 56.577"	P7292	96	23° 5' 53.729"	82° 23' 56.122"
P7293	96	23° 5' 53.918"	82° 23' 55.739"	P7294	96	23° 5' 54.155"	82° 23' 55.290"
P7295	96	23° 5' 54.344"	82° 23' 54.907"	P7296	96	23° 5' 54.652"	82° 23' 54.530"
P7297	96	23° 5' 54.860"	82° 23' 54.337"	P7298	96	23° 5' 54.975"	82° 23' 54.166"
P7299	96	23° 5' 55.152"	82° 23' 54.011"	P7300	96	23° 5' 55.375"	82° 23' 53.846"
P7301	96	23° 5' 55.987"	82° 23' 53.585"	P7302	96	23° 5' 56.334"	82° 23' 53.438"
P7303	96	23° 5' 56.914"	82° 23' 53.159"	P7304	96	23° 5' 57.449"	82° 23' 52.835"
P7305	96	23° 5' 57.724"	82° 23' 52.682"	P7306	96	23° 5' 58.092"	82° 23' 52.496"
P7307	96	23° 5' 58.688"	82° 23' 52.151"	P7308	96	23° 5' 58.869"	82° 23' 52.108"
P7309	96	23° 5' 59.164"	82° 23' 52.061"	P7310	96	23° 5' 59.490"	82° 23' 52.003"
P7311	96	23° 5' 59.733"	82° 23' 51.899"	P7312	96	23° 5' 59.951"	82° 23' 51.796"
P7313	96	23° 6' 0.205"	82° 23' 51.620"	P7314	96	23° 6' 0.481"	82° 23' 51.416"
P7315	96	23° 6' 0.690"	82° 23' 51.106"	P7316	96	23° 6' 0.800"	82° 23' 50.951"
P7317	96	23° 6' 1.046"	82° 23' 50.518"	P7318	96	23° 6' 1.299"	82° 23' 49.968"
P7319	96	23° 6' 1.588"	82° 23' 49.369"	P7320	96	23° 6' 2.072"	82° 23' 48.314"
P7321	96	23° 6' 2.651"	82° 23' 47.103"	P7322	96	23° 6' 2.887"	82° 23' 46.659"
P7323	96	23° 6' 3.101"	82° 23' 46.355"	P7324	96	23° 6' 3.403"	82° 23' 46.090"
P7325	96	23° 6' 3.585"	82° 23' 45.947"	P7326	96	23° 6' 3.803"	82° 23' 45.809"
P7327	96	23° 6' 3.948"	82° 23' 45.722"	P7328	96	23° 6' 4.130"	82° 23' 45.640"
P7329	96	23° 6' 4.508"	82° 23' 45.499"	P7330	96	23° 6' 4.772"	82° 23' 45.412"
P7331	96	23° 6' 5.041"	82° 23' 45.292"	P7332	96	23° 6' 5.493"	82° 23' 45.007"
P7333	96	23° 6' 5.861"	82° 23' 44.787"	P7334	96	23° 6' 6.427"	82° 23' 44.408"
P7335	96	23° 6' 7.240"	82° 23' 44.154"	P7336	96	23° 6' 7.815"	82° 23' 43.870"
P7337	96	23° 6' 8.095"	82° 23' 43.745"	P7338	96	23° 6' 8.852"	82° 23' 43.356"
P7339	96	23° 6' 10.157"	82° 23' 42.696"	P7340	96	23° 6' 10.659"	82° 23' 42.283"
P7341	96	23° 6' 11.023"	82° 23' 41.960"	P7342	96	23° 6' 11.638"	82° 23' 41.289"
P7343	96	23° 6' 12.187"	82° 23' 40.714"	P7344	96	23° 6' 12.660"	82° 23' 40.001"
P7345	96	23° 6' 13.301"	82° 23' 38.962"	P7346	96	23° 6' 13.475"	82° 23' 38.678"
P7347	96	23° 6' 13.550"	82° 23' 38.520"	P7348	96	23° 6' 13.630"	82° 23' 38.320"
P7349	96	23° 6' 13.659"	82° 23' 38.143"	P7350	96	23° 6' 13.695"	82° 23' 37.970"
P7351	96	23° 6' 13.729"	82° 23' 37.883"	P7352	96	23° 6' 13.784"	82° 23' 37.780"
P7353	96	23° 6' 13.943"	82° 23' 37.523"	P7354	96	23° 6' 14.018"	82° 23' 37.450"
P7355	97	23° 29' 13.926"	82° 28' 23.514"	P7356	97	23° 29' 13.972"	82° 28' 23.281"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7357	97	23° 29' 13.992"	82° 28' 23.047"	P7358	97	23° 29' 13.983"	82° 28' 22.905"
P7359	97	23° 29' 13.950"	82° 28' 22.755"	P7360	97	23° 29' 13.839"	82° 28' 22.456"
P7361	97	23° 29' 13.721"	82° 28' 22.148"	P7362	97	23° 29' 13.654"	82° 28' 21.972"
P7363	97	23° 29' 13.631"	82° 28' 21.841"	P7364	97	23° 29' 13.617"	82° 28' 21.599"
P7365	97	23° 29' 13.601"	82° 28' 21.371"	P7366	97	23° 29' 13.623"	82° 28' 20.875"
P7367	97	23° 29' 13.688"	82° 28' 20.178"	P7368	97	23° 29' 13.737"	82° 28' 19.757"
P7369	97	23° 29' 13.788"	82° 28' 19.433"	P7370	97	23° 29' 13.997"	82° 28' 18.525"
P7371	97	23° 29' 14.077"	82° 28' 18.049"	P7372	97	23° 29' 14.129"	82° 28' 17.579"
P7373	97	23° 29' 14.356"	82° 28' 15.829"	P7374	97	23° 29' 14.383"	82° 28' 15.527"
P7375	97	23° 29' 14.411"	82° 28' 15.042"	P7376	97	23° 29' 14.443"	82° 28' 14.606"
P7377	97	23° 29' 14.412"	82° 28' 14.289"	P7378	97	23° 29' 14.356"	82° 28' 13.993"
P7379	97	23° 29' 14.269"	82° 28' 13.668"	P7380	97	23° 29' 14.186"	82° 28' 13.350"
P7381	97	23° 29' 14.120"	82° 28' 13.151"	P7382	97	23° 29' 13.956"	82° 28' 12.575"
P7383	97	23° 29' 13.786"	82° 28' 12.032"	P7384	97	23° 29' 13.646"	82° 28' 11.587"
P7385	97	23° 29' 13.368"	82° 28' 10.800"	P7386	97	23° 29' 13.160"	82° 28' 10.149"
P7387	97	23° 29' 12.930"	82° 28' 9.426"	P7388	97	23° 29' 12.854"	82° 28' 9.090"
P7389	97	23° 29' 12.795"	82° 28' 8.723"	P7390	97	23° 29' 12.747"	82° 28' 8.383"
P7391	97	23° 29' 12.722"	82° 28' 8.081"	P7392	97	23° 29' 12.711"	82° 28' 7.779"
P7393	97	23° 29' 12.720"	82° 28' 7.227"	P7394	97	23° 29' 12.723"	82° 28' 6.857"
P7395	97	23° 29' 12.765"	82° 28' 6.440"	P7396	97	23° 29' 12.814"	82° 28' 6.049"
P7397	97	23° 29' 12.915"	82° 28' 5.464"	P7398	97	23° 29' 12.954"	82° 28' 5.032"
P7399	97	23° 29' 12.949"	82° 28' 4.842"	P7400	97	23° 29' 12.895"	82° 28' 4.703"
P7401	97	23° 29' 12.831"	82° 28' 4.564"	P7402	97	23° 29' 12.753"	82° 28' 4.433"
P7403	97	23° 29' 12.512"	82° 28' 4.076"	P7404	97	23° 29' 12.305"	82° 28' 3.768"
P7405	97	23° 29' 11.970"	82° 28' 3.223"	P7406	97	23° 29' 11.597"	82° 28' 2.622"
P7407	97	23° 29' 11.373"	82° 28' 2.303"	P7408	97	23° 29' 11.096"	82° 28' 1.691"
P7409	97	23° 29' 10.992"	82° 28' 1.478"	P7410	97	23° 29' 5.315"	82° 29' 6.432"
P7411	97	23° 29' 5.455"	82° 29' 6.322"	P7412	97	23° 29' 5.699"	82° 29' 6.168"
P7413	97	23° 29' 5.949"	82° 29' 5.964"	P7414	97	23° 29' 6.162"	82° 29' 5.748"
P7415	97	23° 29' 6.350"	82° 29' 5.543"	P7416	97	23° 29' 6.528"	82° 29' 5.304"
P7417	97	23° 29' 6.712"	82° 29' 4.954"	P7418	97	23° 29' 6.944"	82° 29' 4.369"
P7419	97	23° 29' 7.279"	82° 29' 3.382"	P7420	97	23° 29' 7.516"	82° 29' 2.848"
P7421	97	23° 29' 7.853"	82° 29' 2.180"	P7422	97	23° 29' 8.122"	82° 29' 1.568"
P7423	97	23° 29' 8.327"	82° 29' 1.189"	P7424	97	23° 29' 8.535"	82° 29' 0.509"
P7425	97	23° 29' 8.801"	82° 28' 59.605"	P7426	97	23° 29' 9.146"	82° 28' 58.675"
P7427	97	23° 29' 9.311"	82° 28' 58.128"	P7428	97	23° 29' 9.457"	82° 28' 57.442"
P7429	97	23° 29' 9.577"	82° 28' 56.738"	P7430	97	23° 29' 9.645"	82° 28' 56.134"
P7431	97	23° 29' 9.650"	82° 28' 55.586"	P7432	97	23° 29' 9.638"	82° 28' 55.234"
P7433	97	23° 29' 9.553"	82° 28' 54.874"	P7434	97	23° 29' 9.413"	82° 28' 54.476"
P7435	97	23° 29' 9.124"	82° 28' 53.879"	P7436	97	23° 29' 8.882"	82° 28' 53.250"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7437	97	23° 29' 8.637"	82° 28' 52.419"	P7438	97	23° 29' 8.467"	82° 28' 51.846"
P7439	97	23° 29' 8.172"	82° 28' 50.942"	P7440	97	23° 29' 7.985"	82° 28' 50.487"
P7441	97	23° 29' 7.828"	82° 28' 50.149"	P7442	97	23° 29' 7.681"	82° 28' 49.885"
P7443	97	23° 29' 7.416"	82° 28' 49.574"	P7444	97	23° 29' 7.175"	82° 28' 49.336"
P7445	97	23° 29' 6.878"	82° 28' 49.087"	P7446	97	23° 29' 6.637"	82° 28' 48.894"
P7447	97	23° 29' 6.484"	82° 28' 48.735"	P7448	97	23° 29' 6.275"	82° 28' 48.476"
P7449	97	23° 29' 6.226"	82° 28' 48.195"	P7450	97	23° 29' 6.177"	82° 28' 47.909"
P7451	97	23° 29' 6.191"	82° 28' 47.655"	P7452	97	23° 29' 6.311"	82° 28' 47.435"
P7453	97	23° 29' 6.468"	82° 28' 47.185"	P7454	97	23° 29' 6.610"	82° 28' 46.946"
P7455	97	23° 29' 6.839"	82° 28' 46.691"	P7456	97	23° 29' 7.141"	82° 28' 46.393"
P7457	97	23° 29' 7.241"	82° 28' 46.203"	P7458	97	23° 29' 7.290"	82° 28' 45.969"
P7459	97	23° 29' 7.282"	82° 28' 45.689"	P7460	97	23° 29' 7.253"	82° 28' 45.493"
P7461	97	23° 29' 7.127"	82° 28' 45.145"	P7462	97	23° 29' 6.822"	82° 28' 44.479"
P7463	97	23° 29' 6.767"	82° 28' 44.163"	P7464	97	23° 29' 6.782"	82° 28' 43.434"
P7465	97	23° 29' 6.833"	82° 28' 43.026"	P7466	97	23° 29' 6.972"	82° 28' 42.496"
P7467	97	23° 29' 7.131"	82° 28' 42.050"	P7468	97	23° 29' 7.354"	82° 28' 41.337"
P7469	97	23° 29' 7.403"	82° 28' 41.158"	P7470	97	23° 29' 7.468"	82° 28' 40.591"
P7471	97	23° 29' 7.468"	82° 28' 40.280"	P7472	97	23° 29' 7.519"	82° 28' 39.599"
P7473	97	23° 29' 7.529"	82° 28' 39.201"	P7474	97	23° 29' 7.543"	82° 28' 38.882"
P7475	97	23° 29' 7.546"	82° 28' 38.547"	P7476	97	23° 29' 7.499"	82° 28' 38.104"
P7477	97	23° 29' 7.466"	82° 28' 37.768"	P7478	97	23° 29' 7.326"	82° 28' 37.207"
P7479	97	23° 29' 7.237"	82° 28' 36.825"	P7480	97	23° 29' 7.229"	82° 28' 36.601"
P7481	97	23° 29' 7.248"	82° 28' 36.358"	P7482	97	23° 29' 7.325"	82° 28' 36.233"
P7483	97	23° 29' 7.373"	82° 28' 36.099"	P7484	97	23° 29' 7.508"	82° 28' 35.989"
P7485	97	23° 29' 7.722"	82° 28' 35.812"	P7486	97	23° 29' 8.081"	82° 28' 35.475"
P7487	97	23° 29' 8.274"	82° 28' 35.270"	P7488	97	23° 29' 8.499"	82° 28' 34.931"
P7489	97	23° 29' 8.679"	82° 28' 34.497"	P7490	97	23° 29' 8.853"	82° 28' 34.057"
P7491	97	23° 29' 8.906"	82° 28' 33.798"	P7492	97	23° 29' 9.096"	82° 28' 33.416"
P7493	97	23° 29' 9.226"	82° 28' 32.830"	P7494	97	23° 29' 9.313"	82° 28' 32.342"
P7495	97	23° 29' 9.659"	82° 28' 31.376"	P7496	97	23° 29' 9.794"	82° 28' 31.113"
P7497	97	23° 29' 9.905"	82° 28' 30.851"	P7498	97	23° 29' 10.131"	82° 28' 30.428"
P7499	97	23° 29' 10.358"	82° 28' 29.938"	P7500	97	23° 29' 10.610"	82° 28' 29.449"
P7501	97	23° 29' 10.800"	82° 28' 29.059"	P7502	97	23° 29' 10.895"	82° 28' 28.814"
P7503	97	23° 29' 11.151"	82° 28' 28.161"	P7504	97	23° 29' 11.200"	82° 28' 28.068"
P7505	97	23° 29' 2.395"	82° 30' 56.848"	P7506	97	23° 29' 2.832"	82° 30' 55.586"
P7507	97	23° 29' 3.239"	82° 30' 54.654"	P7508	97	23° 29' 4.070"	82° 30' 52.940"
P7509	97	23° 29' 4.068"	82° 30' 39.673"	P7510	97	23° 29' 2.451"	82° 30' 38.452"
P7511	97	23° 28' 52.721"	82° 30' 31.192"	P7512	97	23° 28' 52.655"	82° 30' 31.169"
P7513	97	23° 28' 52.480"	82° 30' 31.077"	P7514	97	23° 28' 51.425"	82° 30' 30.724"
P7515	97	23° 28' 51.091"	82° 30' 30.608"	P7516	97	23° 28' 49.934"	82° 30' 30.187"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7517	97	23° 28' 49.265"	82° 30' 29.950"	P7518	97	23° 28' 48.329"	82° 30' 29.654"
P7519	97	23° 28' 46.939"	82° 30' 29.235"	P7520	97	23° 28' 45.966"	82° 30' 28.967"
P7521	97	23° 28' 44.788"	82° 30' 28.601"	P7522	97	23° 28' 44.263"	82° 30' 28.433"
P7523	97	23° 28' 43.496"	82° 30' 28.206"	P7524	97	23° 28' 42.694"	82° 30' 27.945"
P7525	97	23° 28' 42.443"	82° 30' 27.882"	P7526	97	23° 28' 41.671"	82° 30' 27.653"
P7527	97	23° 28' 40.555"	82° 30' 27.403"	P7528	97	23° 28' 40.067"	82° 30' 27.272"
P7529	97	23° 28' 39.478"	82° 30' 27.095"	P7530	97	23° 28' 39.025"	82° 30' 26.956"
P7531	97	23° 28' 38.539"	82° 30' 26.756"	P7532	97	23° 28' 38.163"	82° 30' 26.517"
P7533	97	23° 28' 37.804"	82° 30' 26.274"	P7534	97	23° 28' 36.946"	82° 30' 25.667"
P7535	97	23° 28' 36.262"	82° 30' 25.238"	P7536	97	23° 28' 35.753"	82° 30' 24.829"
P7537	97	23° 28' 35.477"	82° 30' 24.547"	P7538	97	23° 28' 35.178"	82° 30' 24.211"
P7539	97	23° 28' 34.661"	82° 30' 23.601"	P7540	97	23° 28' 34.116"	82° 30' 22.972"
P7541	97	23° 28' 33.627"	82° 30' 22.358"	P7542	97	23° 28' 33.359"	82° 30' 21.926"
P7543	97	23° 28' 33.140"	82° 30' 21.469"	P7544	97	23° 28' 32.817"	82° 30' 20.712"
P7545	97	23° 28' 32.548"	82° 30' 20.063"	P7546	97	23° 28' 32.360"	82° 30' 19.584"
P7547	97	23° 28' 32.164"	82° 30' 19.220"	P7548	97	23° 28' 31.964"	82° 30' 18.837"
P7549	97	23° 28' 31.807"	82° 30' 18.496"	P7550	97	23° 28' 31.806"	82° 30' 18.481"
P7551	97	23° 28' 43.718"	82° 29' 38.243"	P7552	97	23° 28' 43.765"	82° 29' 38.212"
P7553	97	23° 28' 44.311"	82° 29' 37.817"	P7554	97	23° 28' 44.813"	82° 29' 37.450"
P7555	97	23° 28' 45.419"	82° 29' 37.018"	P7556	97	23° 28' 45.956"	82° 29' 36.642"
P7557	97	23° 28' 46.407"	82° 29' 36.246"	P7558	97	23° 28' 47.505"	82° 29' 35.117"
P7559	97	23° 28' 47.833"	82° 29' 34.773"	P7560	97	23° 28' 48.900"	82° 29' 33.692"
P7561	97	23° 28' 49.123"	82° 29' 33.347"	P7562	97	23° 28' 33.882"	82° 29' 51.408"
P7563	97	23° 28' 33.893"	82° 29' 51.326"	P7564	97	23° 28' 33.905"	82° 29' 51.162"
P7565	97	23° 28' 33.947"	82° 29' 50.700"	P7566	97	23° 28' 33.926"	82° 29' 50.368"
P7567	97	23° 28' 33.940"	82° 29' 49.987"	P7568	97	23° 28' 34.021"	82° 29' 49.481"
P7569	97	23° 28' 34.142"	82° 29' 49.027"	P7570	97	23° 28' 34.217"	82° 29' 48.760"
P7571	97	23° 28' 34.313"	82° 29' 48.488"	P7572	97	23° 28' 34.387"	82° 29' 48.295"
P7573	97	23° 28' 34.499"	82° 29' 48.032"	P7574	97	23° 28' 34.705"	82° 29' 47.717"
P7575	97	23° 28' 34.915"	82° 29' 47.406"	P7576	97	23° 28' 35.076"	82° 29' 47.083"
P7577	97	23° 28' 35.196"	82° 29' 46.812"	P7578	97	23° 28' 35.285"	82° 29' 46.459"
P7579	97	23° 28' 35.561"	82° 29' 45.354"	P7580	97	23° 28' 35.725"	82° 29' 44.726"
P7581	97	23° 28' 35.817"	82° 29' 44.447"	P7582	97	23° 28' 35.938"	82° 29' 44.083"
P7583	97	23° 28' 36.053"	82° 29' 43.860"	P7584	97	23° 28' 36.179"	82° 29' 43.698"
P7585	97	23° 28' 36.453"	82° 29' 43.443"	P7586	97	23° 28' 36.706"	82° 29' 43.263"
P7587	97	23° 28' 36.876"	82° 29' 43.146"	P7588	97	23° 28' 37.097"	82° 29' 42.984"
P7589	97	23° 28' 37.216"	82° 29' 42.840"	P7590	97	23° 28' 37.310"	82° 29' 42.737"
P7591	97	23° 28' 37.449"	82° 29' 42.559"	P7592	97	23° 28' 37.585"	82° 29' 42.359"
P7593	97	23° 28' 37.763"	82° 29' 42.078"	P7594	97	23° 28' 37.981"	82° 29' 41.663"
P7595	97	23° 28' 38.222"	82° 29' 41.233"	P7596	97	23° 28' 38.488"	82° 29' 40.803"

Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7597	97	23° 28' 38.693"	82° 29' 40.559"	P7598	97	23° 28' 38.863"	82° 29' 40.453"
P7599	98	23° 5' 33.582"	82° 23' 34.997"	P7600	98	23° 5' 33.673"	82° 23' 35.023"
P7601	98	23° 5' 33.765"	82° 23' 35.050"	P7602	98	23° 5' 33.885"	82° 23' 35.077"
P7603	98	23° 5' 33.989"	82° 23' 35.104"	P7604	98	23° 5' 34.114"	82° 23' 35.130"
P7605	98	23° 5' 34.294"	82° 23' 35.169"	P7606	98	23° 5' 34.473"	82° 23' 35.194"
P7607	98	23° 5' 34.654"	82° 23' 35.212"	P7608	98	23° 5' 34.758"	82° 23' 35.218"
P7609	98	23° 5' 34.811"	82° 23' 35.221"	P7610	98	23° 5' 34.979"	82° 23' 35.222"
P7611	98	23° 5' 35.111"	82° 23' 35.219"	P7612	98	23° 5' 35.286"	82° 23' 35.204"
P7613	98	23° 5' 35.451"	82° 23' 35.184"	P7614	98	23° 5' 35.595"	82° 23' 35.165"
P7615	98	23° 5' 35.718"	82° 23' 35.141"	P7616	98	23° 5' 35.819"	82° 23' 35.118"
P7617	98	23° 5' 35.976"	82° 23' 35.082"	P7618	98	23° 5' 36.101"	82° 23' 35.049"
P7619	98	23° 5' 36.331"	82° 23' 34.977"	P7620	98	23° 5' 36.497"	82° 23' 34.924"
P7621	98	23° 5' 36.649"	82° 23' 34.863"	P7622	98	23° 5' 36.902"	82° 23' 34.752"
P7623	98	23° 5' 37.223"	82° 23' 34.610"	P7624	98	23° 5' 37.513"	82° 23' 34.478"
P7625	98	23° 5' 37.859"	82° 23' 34.324"	P7626	98	23° 5' 38.244"	82° 23' 34.144"
P7627	98	23° 5' 38.643"	82° 23' 33.953"	P7628	98	23° 5' 38.989"	82° 23' 33.793"
P7629	98	23° 5' 39.344"	82° 23' 33.620"	P7630	98	23° 5' 39.592"	82° 23' 33.503"
P7631	99	23° 20' 52.388"	82° 28' 50.070"	P7632	99	23° 20' 52.457"	82° 28' 50.173"
P7633	99	23° 20' 52.531"	82° 28' 50.282"	P7634	99	23° 20' 52.589"	82° 28' 50.367"
P7635	100	23° 20' 45.905"	82° 28' 37.314"	P7636	100	23° 20' 45.964"	82° 28' 37.803"
P7637	100	23° 20' 45.988"	82° 28' 37.952"	P7638	100	23° 20' 46.070"	82° 28' 38.844"
P7639	100	23° 20' 46.146"	82° 28' 39.695"	P7640	100	23° 20' 46.193"	82° 28' 40.116"
P7641	100	23° 20' 46.232"	82° 28' 40.445"	P7642	100	23° 20' 46.269"	82° 28' 40.681"
P7643	100	23° 20' 46.317"	82° 28' 40.950"	P7644	100	23° 20' 46.361"	82° 28' 41.150"
P7645	100	23° 20' 46.418"	82° 28' 41.335"	P7646	100	23° 20' 46.488"	82° 28' 41.524"
P7647	100	23° 20' 46.558"	82° 28' 41.683"	P7648	100	23° 20' 46.650"	82° 28' 41.884"
P7649	100	23° 20' 46.794"	82° 28' 42.155"	P7650	100	23° 20' 46.902"	82° 28' 42.334"
P7651	100	23° 20' 47.488"	82° 28' 43.232"	P7652	100	23° 20' 47.660"	82° 28' 43.464"
P7653	100	23° 20' 48.219"	82° 28' 44.210"	P7654	100	23° 20' 48.391"	82° 28' 44.434"
P7655	100	23° 20' 48.762"	82° 28' 44.976"	P7656	100	23° 20' 49.335"	82° 28' 45.857"
P7657	100	23° 20' 49.749"	82° 28' 46.515"	P7658	100	23° 20' 50.185"	82° 28' 47.189"
P7659	100	23° 20' 50.424"	82° 28' 47.592"	P7660	100	23° 20' 50.613"	82° 28' 47.904"
P7661	100	23° 20' 50.688"	82° 28' 48.012"	P7662	100	23° 20' 50.855"	82° 28' 48.232"
P7663	100	23° 20' 51.033"	82° 28' 48.450"	P7664	100	23° 20' 51.302"	82° 28' 48.734"
P7665	101	23° 21' 54.807"	82° 30' 49.341"	P7666	101	23° 21' 54.818"	82° 30' 49.883"
P7667	101	23° 21' 54.924"	82° 30' 52.714"	P7668	101	23° 21' 52.496"	82° 30' 40.657"
P7669	101	23° 21' 52.506"	82° 30' 41.254"	P7670	101	23° 21' 52.694"	82° 30' 42.057"
P7671	101	23° 21' 52.973"	82° 30' 42.940"	P7672	101	23° 21' 53.002"	82° 30' 42.992"
P7673	101	23° 21' 29.994"	82° 29' 57.621"	P7674	101	23° 21' 32.247"	82° 29' 59.037"
P7675	101	23° 21' 34.455"	82° 30' 0.508"	P7676	101	23° 21' 35.600"	82° 30' 1.141"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7677	101	23° 21' 36.815"	82° 30' 1.484"	P7678	101	23° 21' 37.210"	82° 30' 1.657"
P7679	101	23° 21' 15.747"	82° 29' 44.563"	P7680	101	23° 21' 16.750"	82° 29' 45.975"
P7681	101	23° 21' 18.491"	82° 29' 48.131"	P7682	101	23° 21' 19.161"	82° 29' 49.233"
P7683	101	23° 21' 19.284"	82° 29' 49.335"	P7684	102	23° 28' 49.123"	82° 29' 33.347"
P7685	102	23° 28' 49.201"	82° 29' 33.262"	P7686	102	23° 28' 49.426"	82° 29' 32.937"
P7687	102	23° 28' 49.502"	82° 29' 32.762"	P7688	102	23° 28' 49.532"	82° 29' 32.597"
P7689	102	23° 28' 49.562"	82° 29' 32.393"	P7690	102	23° 28' 49.590"	82° 29' 32.203"
P7691	102	23° 28' 49.591"	82° 29' 32.069"	P7692	102	23° 28' 49.572"	82° 29' 31.915"
P7693	102	23° 28' 49.560"	82° 29' 31.791"	P7694	102	23° 28' 49.523"	82° 29' 31.606"
P7695	102	23° 28' 49.327"	82° 29' 31.078"	P7696	102	23° 28' 48.981"	82° 29' 30.302"
P7697	102	23° 28' 48.799"	82° 29' 29.925"	P7698	102	23° 28' 48.651"	82° 29' 29.632"
P7699	102	23° 28' 48.595"	82° 29' 29.499"	P7700	102	23° 28' 48.569"	82° 29' 29.293"
P7701	102	23° 28' 48.541"	82° 29' 29.063"	P7702	102	23° 28' 48.671"	82° 29' 28.494"
P7703	102	23° 28' 48.879"	82° 29' 28.067"	P7704	102	23° 28' 49.258"	82° 29' 27.242"
P7705	102	23° 28' 49.562"	82° 29' 26.459"	P7706	102	23° 28' 49.838"	82° 29' 25.713"
P7707	102	23° 28' 49.994"	82° 29' 25.437"	P7708	102	23° 28' 50.389"	82° 29' 25.047"
P7709	102	23° 28' 50.715"	82° 29' 24.679"	P7710	102	23° 28' 50.893"	82° 29' 24.412"
P7711	102	23° 28' 50.991"	82° 29' 24.134"	P7712	102	23° 28' 51.043"	82° 29' 23.798"
P7713	102	23° 28' 51.035"	82° 29' 23.544"	P7714	102	23° 28' 51.007"	82° 29' 23.227"
P7715	102	23° 28' 50.987"	82° 29' 22.900"	P7716	102	23° 28' 50.974"	82° 29' 22.382"
P7717	102	23° 28' 50.970"	82° 29' 22.007"	P7718	102	23° 28' 50.986"	82° 29' 21.742"
P7719	102	23° 28' 51.005"	82° 29' 21.568"	P7720	102	23° 28' 51.053"	82° 29' 21.158"
P7721	102	23° 28' 51.134"	82° 29' 20.809"	P7722	102	23° 28' 51.219"	82° 29' 20.496"
P7723	102	23° 28' 51.332"	82° 29' 20.078"	P7724	102	23° 28' 51.446"	82° 29' 19.744"
P7725	102	23° 28' 51.552"	82° 29' 19.471"	P7726	102	23° 28' 51.681"	82° 29' 19.215"
P7727	102	23° 28' 51.867"	82° 29' 18.906"	P7728	102	23° 28' 51.984"	82° 29' 18.751"
P7729	102	23° 28' 52.156"	82° 29' 18.638"	P7730	102	23° 28' 52.309"	82° 29' 18.542"
P7731	102	23° 28' 52.529"	82° 29' 18.483"	P7732	102	23° 28' 52.932"	82° 29' 18.384"
P7733	102	23° 28' 53.186"	82° 29' 18.336"	P7734	102	23° 28' 53.689"	82° 29' 18.317"
P7735	102	23° 28' 54.141"	82° 29' 18.291"	P7736	102	23° 28' 54.412"	82° 29' 18.244"
P7737	102	23° 28' 54.676"	82° 29' 18.166"	P7738	102	23° 28' 54.907"	82° 29' 18.039"
P7739	102	23° 28' 55.099"	82° 29' 17.902"	P7740	102	23° 28' 55.538"	82° 29' 17.635"
P7741	102	23° 28' 56.010"	82° 29' 17.378"	P7742	102	23° 28' 56.246"	82° 29' 17.240"
P7743	102	23° 28' 56.498"	82° 29' 17.109"	P7744	102	23° 28' 56.851"	82° 29' 16.903"
P7745	102	23° 28' 57.150"	82° 29' 16.607"	P7746	102	23° 28' 57.255"	82° 29' 16.463"
P7747	102	23° 28' 57.488"	82° 29' 16.141"	P7748	102	23° 28' 57.750"	82° 29' 15.746"
P7749	102	23° 28' 58.060"	82° 29' 15.165"	P7750	102	23° 28' 58.338"	82° 29' 14.648"
P7751	102	23° 28' 58.630"	82° 29' 14.041"	P7752	102	23° 28' 58.960"	82° 29' 13.273"
P7753	102	23° 28' 59.146"	82° 29' 12.783"	P7754	102	23° 28' 59.207"	82° 29' 12.517"
P7755	102	23° 28' 59.423"	82° 29' 12.095"	P7756	102	23° 28' 59.672"	82° 29' 11.720"



Point	Patch	Latitude	Longitude	Point	Patch	Latitude	Longitude
P7757	102	23° 28' 59.828"	82° 29' 11.534"	P7758	102	23° 29' 0.170"	82° 29' 11.194"
P7759	102	23° 29' 0.571"	82° 29' 10.812"	P7760	102	23° 29' 0.967"	82° 29' 10.422"
P7761	102	23° 29' 1.448"	82° 29' 9.983"	P7762	102	23° 29' 1.966"	82° 29' 9.597"
P7763	102	23° 29' 2.810"	82° 29' 8.946"	P7764	102	23° 29' 3.481"	82° 29' 8.439"
P7765	102	23° 29' 4.126"	82° 29' 7.970"	P7766	102	23° 29' 4.760"	82° 29' 7.468"
P7767	102	23° 29' 4.953"	82° 29' 7.263"	P7768	102	23° 29' 5.059"	82° 29' 6.996"
P7769	102	23° 29' 5.144"	82° 29' 6.678"	P7770	102	23° 29' 5.181"	82° 29' 6.589"
P7771	102	23° 28' 38.863"	82° 29' 40.453"	P7772	102	23° 28' 38.911"	82° 29' 40.427"
P7773	102	23° 28' 39.053"	82° 29' 40.377"	P7774	102	23° 28' 39.260"	82° 29' 40.323"
P7775	102	23° 28' 39.546"	82° 29' 40.233"	P7776	102	23° 28' 40.050"	82° 29' 40.026"
P7777	102	23° 28' 40.365"	82° 29' 39.899"	P7778	102	23° 28' 40.790"	82° 29' 39.688"
P7779	102	23° 28' 41.395"	82° 29' 39.411"	P7780	102	23° 28' 41.785"	82° 29' 39.225"
P7781	102	23° 28' 42.179"	82° 29' 39.039"	P7782	102	23° 28' 42.729"	82° 29' 38.788"
P7783	102	23° 28' 42.995"	82° 29' 38.668"	P7784	102	23° 28' 43.448"	82° 29' 38.411"
P7785	102	23° 28' 43.718"	82° 29' 38.243"	P7786	103	23° 5' 31.969"	82° 17' 55.295"
P7787	103	23° 5' 31.969"	82° 17' 55.295"	P7788	103	23° 5' 31.766"	82° 17' 55.494"
P7789	103	23° 5' 31.622"	82° 17' 55.612"	P7790	103	23° 5' 31.457"	82° 17' 55.763"
P7791	103	23° 5' 31.309"	82° 17' 55.931"	P7792	103	23° 5' 31.164"	82° 17' 56.099"
P7793	103	23° 5' 30.889"	82° 17' 56.485"	P7794	103	23° 5' 30.496"	82° 17' 57.092"
P7795	103	23° 5' 29.909"	82° 17' 58.101"	P7796	103	23° 5' 29.517"	82° 17' 58.687"
P7797	103	23° 5' 29.330"	82° 17' 58.935"	P7798	104	23° 5' 26.339"	82° 18' 8.496"
P7799	104	23° 5' 26.470"	82° 18' 8.621"	P7800	104	23° 5' 26.656"	82° 18' 8.797"
P7801	104	23° 5' 26.772"	82° 18' 8.925"	P7802	104	23° 5' 26.891"	82° 18' 9.104"
P7803	104	23° 5' 26.972"	82° 18' 9.256"	P7804	104	23° 5' 27.010"	82° 18' 9.407"
P7805	104	23° 5' 27.015"	82° 18' 9.504"	P7806	104	23° 5' 26.999"	82° 18' 9.759"
P7807	104	23° 5' 26.923"	82° 18' 10.036"	P7808	104	23° 5' 26.579"	82° 18' 10.900"
P7809	104	23° 5' 26.405"	82° 18' 11.324"	P7810	104	23° 5' 26.134"	82° 18' 12.020"
P7811	104	23° 5' 25.876"	82° 18' 12.652"	P7812	104	23° 5' 25.631"	82° 18' 13.117"
P7813	104	23° 5' 25.457"	82° 18' 13.351"	P7814	104	23° 5' 25.211"	82° 18' 13.634"
P7815	104	23° 5' 25.070"	82° 18' 13.756"	P7816	104	23° 5' 24.681"	82° 18' 14.089"
P7817	104	23° 5' 24.182"	82° 18' 14.486"	P7818	104	23° 5' 23.627"	82° 18' 14.935"
P7819	104	23° 5' 23.113"	82° 18' 15.343"	P7820	104	23° 5' 22.871"	82° 18' 15.509"
P7821	105	23° 5' 12.201"	82° 18' 31.104"	P7822	105	23° 5' 12.093"	82° 18' 31.350"
P7823	105	23° 5' 11.883"	82° 18' 31.838"	P7824	105	23° 5' 11.597"	82° 18' 32.465"
P7825	105	23° 5' 11.389"	82° 18' 32.911"	P7826	105	23° 5' 11.115"	82° 18' 33.437"
P7827	105	23° 5' 10.812"	82° 18' 33.985"	P7828	105	23° 5' 10.712"	82° 18' 34.115"
P7829	105	23° 5' 10.552"	82° 18' 34.284"	P7830	105	23° 5' 10.221"	82° 18' 34.597"
P7831	105	23° 5' 9.572"	82° 18' 35.107"	P7832	105	23° 5' 9.096"	82° 18' 35.451"
P7833	105	23° 5' 8.559"	82° 18' 35.857"	P7834	105	23° 5' 8.171"	82° 18' 36.141"
P7835	105	23° 5' 7.752"	82° 18' 36.432"	P7836	105	23° 5' 7.319"	82° 18' 36.735"



Point	Patch	Latitude	longitude	Point	Patch	Latitude	longitude
P7837	105	23° 5' 7.023"	82° 18' 36.935"	P7838	105	23° 5' 6.720"	82° 18' 37.145"
P7839	105	23° 5' 5.990"	82° 18' 37.635"	P7840	105	23° 5' 5.635"	82° 18' 37.852"
P7841	105	23° 5' 5.082"	82° 18' 38.230"	P7842	105	23° 5' 4.534"	82° 18' 38.585"
P7843	105	23° 5' 4.145"	82° 18' 38.855"	P7844	105	23° 5' 4.132"	82° 18' 38.865"
P7845	106	23° 24' 19.936"	82° 33' 41.353"	P7846	106	23° 24' 22.472"	82° 33' 40.721"
P7847	107	23° 24' 4.427"	82° 34' 10.812"	P7848	107	23° 24' 4.310"	82° 34' 8.386"
P7849	108	23° 24' 4.310"	82° 34' 8.386"	P7850	108	23° 24' 4.417"	82° 34' 6.560"
P7851	109	23° 5' 24.916"	82° 23' 29.240"	P7852	109	23° 5' 26.421"	82° 23' 30.219"
P7853	110	23° 2' 50.540"	82° 24' 23.078"	P7854	110	23° 2' 48.073"	82° 24' 29.468"
P7855	111	23° 2' 47.911"	82° 24' 29.925"	P7856	111	23° 2' 46.570"	82° 24' 33.385"
P7857	112	23° 2' 14.368"	82° 24' 34.576"	P7858	112	23° 2' 13.409"	82° 24' 34.339"
P7859	113	23° 2' 13.381"	82° 24' 34.354"	P7860	113	23° 2' 8.305"	82° 24' 32.512"
P7861	114	23° 7' 25.567"	82° 18' 23.081"	P7862	114	23° 7' 29.275"	82° 18' 21.008"
P7863	115	23° 7' 33.972"	82° 18' 18.611"	P7864	115	23° 7' 31.951"	82° 18' 19.568"
P7865	116	23° 7' 23.071"	82° 18' 37.794"	P7866	116	23° 7' 23.008"	82° 18' 38.752"
P7867	117	23° 7' 24.052"	82° 18' 24.756"	P7868	117	23° 7' 24.449"	82° 18' 28.130"
P7869	118	23° 28' 31.164"	82° 30' 11.381"	P7870	118	23° 28' 31.105"	82° 30' 9.374"
P7871	119	23° 28' 31.886"	82° 30' 17.236"	P7872	119	23° 28' 31.161"	82° 30' 11.404"
P7873	120	23° 21' 1.673"	82° 24' 52.373"	P7874	120	23° 21' 1.251"	82° 24' 54.023"



मुख्य प्रणाल्याधिकारी
कोरिया वन मण्डल, देवगढ़, ज.



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South Baikunthpur

MANOJ THAKUR
(ROW MANAGER)

परिक्षेत्राधिकारी
खडगवां

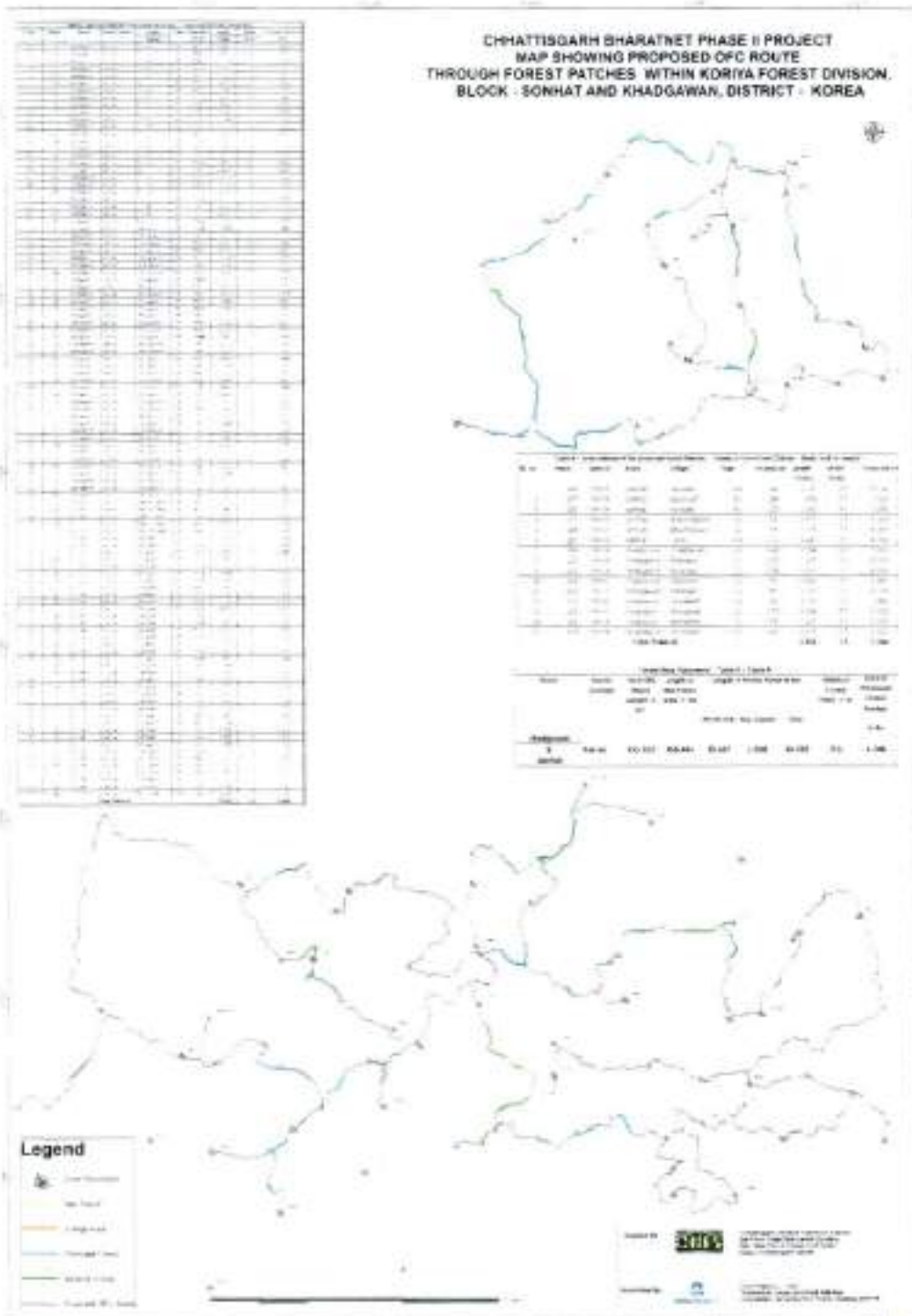
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देवगढ़

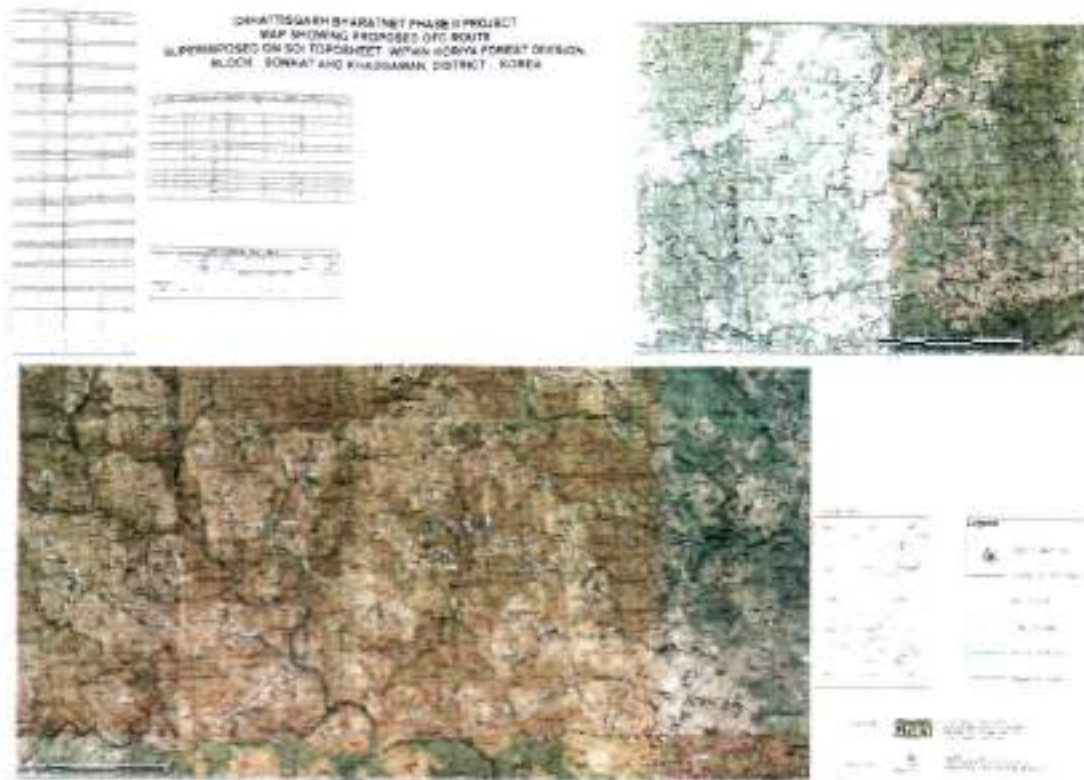
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सोनहत(सा.)

5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

Geo-Referenced Maps of Forest Patched with in Koriya Forest Division.



Geo-Referenced Toposheet Map of Forest Patched with in Koriya Forest Division.



वन प्रणेतृधिकारी
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वन परिक्षेत्राधिकारी
वन परिक्षेत्र विरमिरी

वन परिक्षेत्राधिकारी
बिकुण्ठपुर



वन परिक्षेत्राधिका
देवयद

वन परिक्षेत्राधिकारी
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