

CHHATTISGARH BHARATNET PHASE-II PROJECT**LIDAR/DGPS SURVEY REPORT FOR KAWARDHA FOREST
DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES**

Forest Division	:	KAWARDHA
Forest Land (RF/PF/OA)	:	10.239 Ha.
Rev. Forest Land	:	0.287 Ha.
Total Proposed Diversion Area	:	10.526 Ha.
Block	:	BODLA, KAWARDHA, AND PANDARIYA
District	:	KABEERDHAM (C.G.)

Applicant -



**Chhattisgarh Infotech Promotion Society (CHIPS)
Raipur (Chhattisgarh)**

Submitted By -

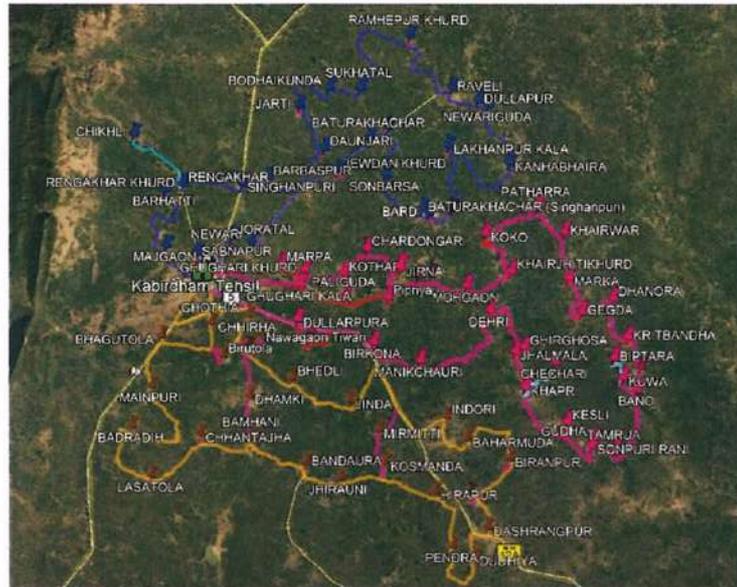
**TATA PROJECTS****Tata Projects Limited, Raipur (Chhattisgarh)**

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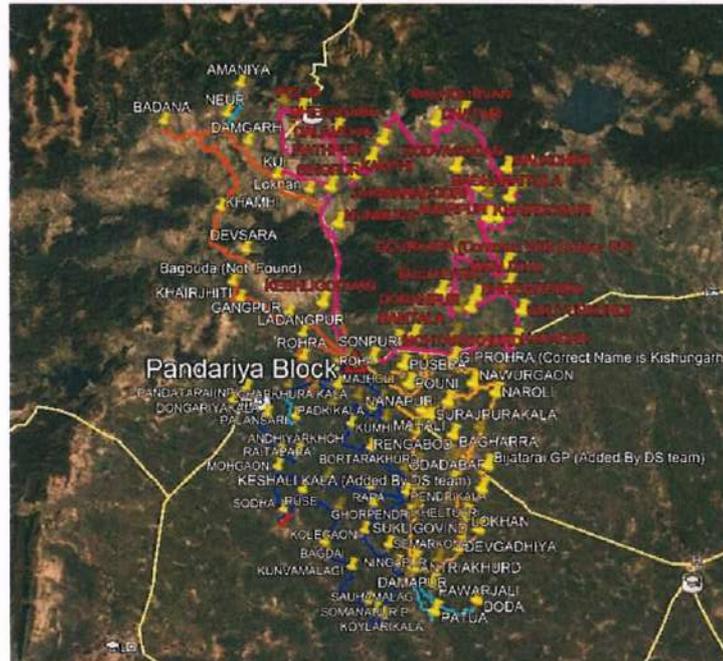


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OFC Cable Proposed Routes in Kawardha Block in Kawardha Forest Division.



OFC Cable Proposed Routes in Pandariya Block in Kawardha Forest Division.

1.3. Location

The proposed OFC Cable route in Kawardha Forest Division (The OFC route Bodla, Kawardha, and Pandariya Block; District: Kabeerdham). The Proposed OFC route length is approx. 630.835 km in Bodla Block, and 480.791 km Pandariya Block hence Total route length is 1111.626 km. The survey site passes through forest ranges Chilphi, Kawardha, Khara, Lohara, Pandria East, Pandria west, Rengakhar and Taregaon of Kawardha Forest Division. The OFC Cable route is covered under Survey of India Toposheets B16, and 64 C13, 64 F03, 64 F04, 64 F07, 64 F08, 64 F11, and 64 F12, and 64 G01, 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 **Genesys International Corporation Limited, Mumbai** through Mobile LiDAR Technology.

2. Scope of Work

1. Establishment of Ground Control Pointy with 72 Hours observation which covering approx. 15 km radios 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 coordinates 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. The Ground Control Point with 72 Hours of DGPS observation for Post Processing the GCP data with International GNSS Service (IGS) stations.

4.2. Mobile LiDAR (DGPS) data collection:

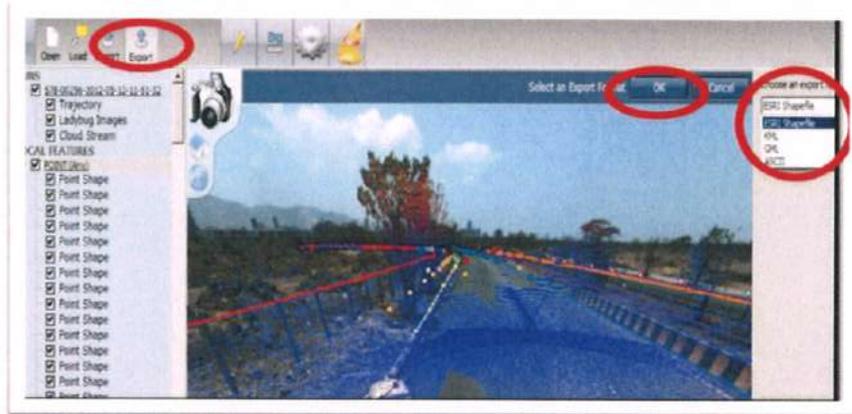
DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



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.



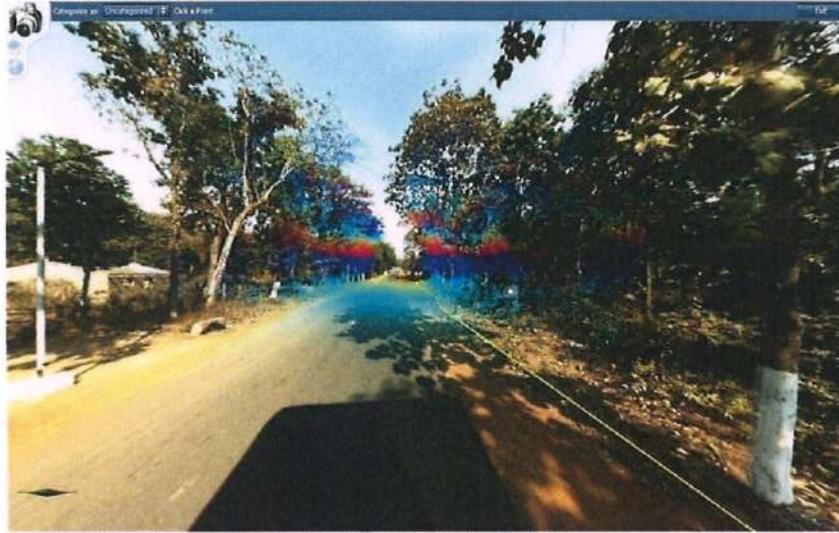
Feature Extraction on LiDAR



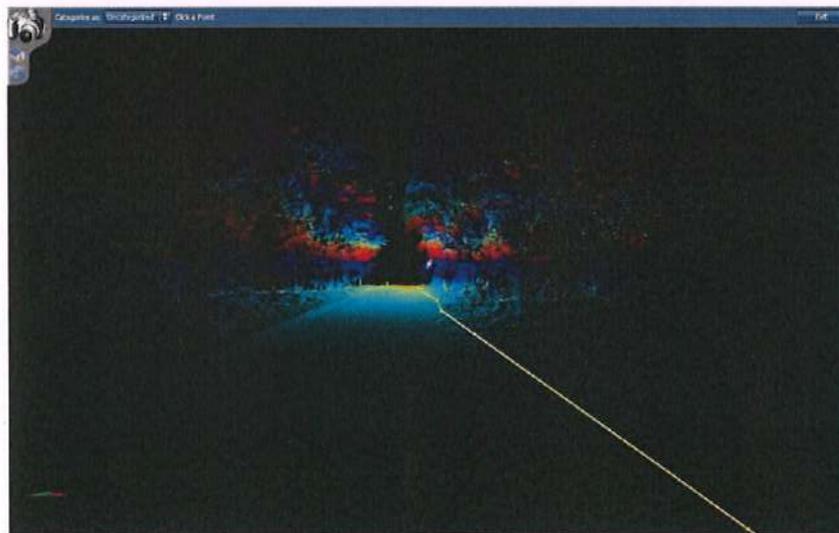
Final DRS / GIS Map

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.



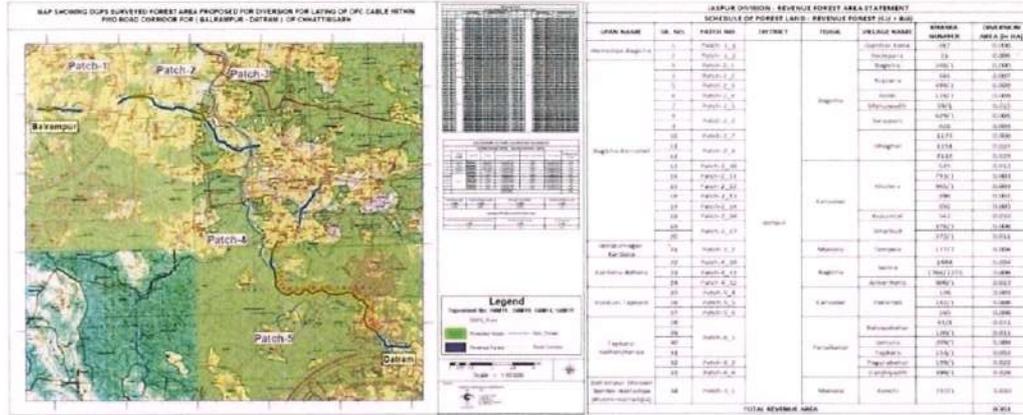
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

4.7. 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

Forest Area Statement

5. DGPS Survey Results

The total OFC route length is approx. 1111.626 km. covered Bodla, and Pandariya block of Kawardha District. Out of this 910.1075 km OFC route length is passing through non-forest land and 210.519 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion is 10.256 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 – Bodla and Pandariya Block with in Kawardha Forest Division, District - Kabirdham						
Total Route Length(in Km.)	Length of Non Forest Land(in Km.)	Width of Non Forest Land(in Km.)	Area of Non-Forest Land (in Ha.)	Length of Forest Land (in km.)	Width of Forest Land (in km.)	Area of Proposed Forest Land (in Ha.)
1111.626	901.107	0.0005	45.055	210.519	0.0005	10.526

Kawardha Forest Division – Total Forest Area for Diversion Proposal						
SI. No.	Forest Division	Forest range	No of Compartment	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
1	Kawardha	Lohara	14	10039.338	0.5	0.503
2	Kawardha	Khara	34	22326.337	0.5	1.116
3	Kawardha	Rengakhar	48	32586.770	0.5	1.629
4	Kawardha	Taregaon	64	46772.901	0.5	2.339
5	Kawardha	Pandria west	50	29701.802	0.5	1.485
6	Kawardha	Pandria east	11	5380.824	0.5	0.269
7	Kawardha	Kawardha	74	57962.350	0.5	2.898
Total of Table A				204770.322	0.5	10.239
SI. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
1	Kabirdham	Bodla	9	2141.346	0.5	0.106
2	Kabirdham	Pandariya	12	3607.249	0.5	0.181
Total of Table B				5748.595	0.5	0.287
Total Diversion Area (Table A+TableB)				210518.917	0.5	10.526



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Table A - Area statement for proposed forest patches - Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)	
1	1	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	267	370.451	0.5	0.018	
2	1	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	267	872.885	0.5	0.044	
3	2	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	266	527.928	0.5	0.026	
4	2	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	266	967.587	0.5	0.048	
5	3	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	189	583.081	0.5	0.029	
6	4	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	189	603.245	0.5	0.031	
7	5	Bodla	Kawardha	Katangi Kalan To Nawagao	Lohara	PF	297	327.413	0.5	0.016	
8	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Lohara	PF	265	412.885	0.5	0.021	
9	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	240	811.212	0.5	0.041	
10	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	241	376.108	0.5	0.019	
11	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	241	477.719	0.5	0.024	
12	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	241	1950.001	0.5	0.098	
13	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	262	286.541	0.5	0.014	
14	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Lohara	PF	262	1472.282	0.5	0.074	
Total-								14	10039.338	0.5	0.503
15	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	192	1007.334	0.5	0.050	
16	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	192	1164.007	0.5	0.058	
17	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	193	735.467	0.5	0.037	
18	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	193	756.195	0.5	0.038	



19	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	244	529.429	0.5	0.026
20	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	245	256.566	0.5	0.013
21	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	245	1193.806	0.5	0.060
22	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	264	82.133	0.5	0.004
23	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	264	529.783	0.5	0.026
24	6	Bodla	Kawardha	Miniminyajungle To Dhanikhuta	Khara	PF	264	660.077	0.5	0.033
25	6	Bodla	Kawardha	Miniminyajungle To Katangi Kalan	Khara	PF	264	399.207	0.5	0.020
26	6	Bodla	Kawardha	Miniminyajungle To Katangi Kalan	Khara	PF	264	398.599	0.5	0.020
27	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	236	553.722	0.5	0.028
28	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	236	762.681	0.5	0.038
29	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	237	1324.647	0.5	0.066
30	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	237	1541.746	0.5	0.077
31	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	237	514.005	0.5	0.026
32	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	238	408.255	0.5	0.020
33	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	238	881.642	0.5	0.044
34	7	Bodla	Kawardha	Pandhripani To Miniminyajungle	Khara	PF	239	514.638	0.5	0.026
35	8	Bodla	Kawardha	Dhanikhuta To Koyelarjhor	Khara	PF	195	1029.453	0.5	0.051
36	8	Bodla	Kawardha	Dhanikhuta To Koyelarjhor	Khara	PF	260	280.376	0.5	0.014
37	8	Bodla	Kawardha	Dhanikhuta To Koyelarjhor	Khara	PF	260	477.345	0.5	0.024
38	9	Bodla	Kawardha	Dhanikhuta To Koyelarjhor	Khara	PF	198	230.645	0.5	0.012
39	9	Bodla	Kawardha	Dhanikhuta To Koyelarjhor	Khara	PF	198	661.38	0.5	0.033

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40	10	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	PF	178	298.567	0.5	0.015
41	10	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	PF	178	1370.584	0.5	0.069
42	10	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	OA	OA/10	185.222	0.5	0.009
43	10	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	OA	OA/10	287.331	0.5	0.014
44	11	Bodla	Kawardha	Khara To Pandariya	Khara	PF	177	342.795	0.5	0.017
45	11	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	PF	177	115.231	0.5	0.006
46	11	Bodla	Kawardha	Koyelarjhorl To Khara	Khara	PF	177	1265.943	0.5	0.063
47	12	Bodla	Kawardha	Pandariya To Usarwahi	Khara	PF	173	730.091	0.5	0.037
48	12	Bodla	Kawardha	Khara To Pandariya	Khara	PF	176	837.435	0.5	0.042
Total-										
49	7	Bodla	Kawardha	Rol To Pandhripani	Rengakhar	RF	127	111.349	0.5	0.006
50	7	Bodla	Kawardha	Rol To Pandhripani	Rengakhar	RF	127	1789.268	0.5	0.089
51	7	Bodla	Kawardha	Rol To Pandhripani	Rengakhar	RF	128	160.733	0.5	0.008
52	7	Bodla	Kawardha	Rol To Pandhripani	Rengakhar	RF	128	1837.309	0.5	0.092
53	12	Bodla	Kawardha	Usarwahi To Loharidih	Rengakhar	PF	358	79.971	0.5	0.004
54	12	Bodla	Kawardha	Usarwahi To Loharidih	Rengakhar	PF	358	230.715	0.5	0.012
55	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	360	25.720	0.5	0.001
56	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	360	388.341	0.5	0.019
57	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	361	272.284	0.5	0.014
58	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	361	861.073	0.5	0.043
59	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	364	596.826	0.5	0.030



60	13	Bodla	Kawardha	Bhelwatola To Regakharkala	Rengakhar	PF	364	599.152	0.5	0.030
61	14	Bodla	Kawardha	Regakharkala To Saraiptera	Rengakhar	PF	362	1120.627	0.5	0.056
62	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	131	828.395	0.5	0.041
63	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	131	1852.022	0.5	0.093
64	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	133	468.587	0.5	0.023
65	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	133	595.142	0.5	0.030
66	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	133	1950.001	0.5	0.098
67	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	366	250.364	0.5	0.013
68	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	366	1104.496	0.5	0.055
69	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	366	1121.606	0.5	0.056
70	15	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	366	55.425	0.5	0.003
71	16	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	130	304.826	0.5	0.015
72	16	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	130	1633.422	0.5	0.082
73	16	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	347	316.579	0.5	0.016
74	16	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	347	676.835	0.5	0.034
75	17	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	RF	134	581.418	0.5	0.029
76	17	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	352	141.702	0.5	0.007
77	17	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	352	22.526	0.5	0.001
78	17	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	352	224.177	0.5	0.011
79	17	Bodla	Kawardha	Barbaspur To Rol	Rengakhar	PF	352	227.151	0.5	0.011
80	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	103	129.963	0.5	0.006

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81	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	103	1068.742	0.5	0.053
82	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	124	1122.070	0.5	0.056
83	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	124	1904.761	0.5	0.095
84	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	125	827.931	0.5	0.042
85	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	RF	125	1118.276	0.5	0.056
86	18	Bodla	Kawardha	Rol To Pandhripani	Rengakhar	RF	128	69.093	0.5	0.003
87	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	PF	342	45.240	0.5	0.002
88	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	PF	342	1820.038	0.5	0.091
89	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	PF	353	18.122	0.5	0.001
90	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	PF	353	173.800	0.5	0.009
91	18	Bodla	Kawardha	Rol To Jamunpani	Rengakhar	PF	353	645.270	0.5	0.032
92	18	Bodla	Kawardha	Jamunpani To Pandhripani	Rengakhar	PF	353	1083.667	0.5	0.054
93	19	Bodla	Kawardha	Sheetalpani To Mahrajpur	Rengakhar	PF	337	119.539	0.5	0.006
94	19	Bodla	Kawardha	Sheetalpani To Mahrajpur	Rengakhar	PF	337	933.539	0.5	0.047
95	19	Bodla	Kawardha	Sheetalpani To Mahrajpur	Rengakhar	PF	338	62.215	0.5	0.003
96	19	Bodla	Kawardha	Sheetalpani To Mahrajpur	Rengakhar	PF	338	1016.462	0.5	0.051
							48	32586.770	0.5	1.629
Total-										
97	21	Bodla	Kawardha	Bairakh To Dholbajja	Taregaon	RF	387	289.747	0.5	0.014
98	23	Bodla	Kawardha	Bhonda To Khariya	Taregaon	PF	FDC 395	70.666	0.5	0.004
99	23	Bodla	Kawardha	Bhonda To Khariya	Taregaon	PF	FDC 395	410.542	0.5	0.021
100	23	Bodla	Kawardha	Bhonda To Khariya	Taregaon	PF	FDC 395	1748.282	0.5	0.087



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101	24	Bodla	Kawardha	Bhalpatri To Boldakala	Taregaon	RF	FDC 1P	570.885	0.5	0.029
102	24	Bodla	Kawardha	Bhalpatri To Boldakala	Taregaon	RF	FDC 1P	721.905	0.5	0.036
103	25	Bodla	Kawardha	Bhalpatri To Boldakala	Taregaon	PF	FDC 432	116.787	0.5	0.006
104	25	Bodla	Kawardha	Bhalpatri To Boldakala	Taregaon	PF	FDC 432	426.266	0.5	0.021
105	26	Bodla	Kawardha	Khadauha Khurd To Singhari	Taregaon	PF	FDC 374	493.732	0.5	0.025
106	26	Bodla	Kawardha	Khadauha Khurd To Singhari	Taregaon	PF	FDC 374	675.409	0.5	0.034
107	27	Bodla	Kawardha	Baijalpur To Boda	Taregaon	PF	FDC 424	222.803	0.5	0.011
108	27	Bodla	Kawardha	Baijalpur To Boda	Taregaon	PF	FDC 424	255.469	0.5	0.013
109	28	Bodla	Kawardha	Baijalpur To Boda	Taregaon	PF	FDC 420	71.852	0.5	0.004
110	28	Bodla	Kawardha	Baijalpur To Boda	Taregaon	PF	FDC 420	590.651	0.5	0.030
111	29	Bodla	Kawardha	Boda To Magrwada	Taregaon	PF	FDC 421	1041.136	0.5	0.052
112	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 3	85.677	0.5	0.004
113	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 3	94.724	0.5	0.005
114	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 3	524.223	0.5	0.026
115	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 3	1168.449	0.5	0.058
116	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 3	1949.993	0.5	0.097
117	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	PF	FDC 419	544.079	0.5	0.027
118	30	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	PF	FDC 419	1425.205	0.5	0.071
119	32	Bodla	Kawardha	Magrwada To Taregaonjungle	Taregaon	PF	FDC 411	885.151	0.5	0.044
120	32	Bodla	Kawardha	Magrwada To Taregaonjungle	Taregaon	PF	FDC 411	1252.423	0.5	0.063
121	32	Bodla	Kawardha	Magrwada To Taregaonjungle	Taregaon	PF	FDC 411	1311.205	0.5	0.066

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122	32	Bodla	Kawardha	Magrwada To Taregaonjungle	Taregaon	RF	FDC 5P	638.796	0.5	0.032
123	33	Bodla	Kawardha	Magrwada To Larbakki	Taregaon	PF	FDC 412	233.936	0.5	0.012
124	33	Bodla	Kawardha	Taregaonjungle To Larbakki	Taregaon	PF	FDC 412	500.080	0.5	0.025
125	34	Bodla	Kawardha	Magrwada To Larbakki	Taregaon	PF	FDC 414	169.465	0.5	0.008
126	34	Bodla	Kawardha	Magrwada To Larbakki	Taregaon	PF	FDC 414	1098.381	0.5	0.055
127	34	Bodla	Kawardha	Magrwada To Larbakki	Taregaon	PF	FDC 414	1950.001	0.5	0.097
128	35	Bodla	Kawardha	Larbakki To Aamanara	Taregaon	RF	28	280.548	0.5	0.014
129	35	Bodla	Kawardha	Larbakki To Aamanara	Taregaon	RF	28	472.124	0.5	0.024
130	36	Bodla	Kawardha	Kukrapani To Taregaonjungle	Taregaon	RF	16	1132.791	0.5	0.057
131	36	Bodla	Kawardha	Kukrapani To Taregaonjungle	Taregaon	RF	16	360.877	0.5	0.017
132	36	Bodla	Kawardha	Kukrapani To Taregaonjungle	Taregaon	RF	16	767.972	0.5	0.037
133	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	13	41.572	0.5	0.002
134	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	13	232.606	0.5	0.012
135	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	13	1330.890	0.5	0.067
136	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	13	1950.000	0.5	0.098
137	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	14	483.432	0.5	0.024
138	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	15	135.680	0.5	0.007
139	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	15	480.051	0.5	0.024
140	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	15	1717.395	0.5	0.086
141	37	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	15	1950.001	0.5	0.098
142	38	Bodla	Kawardha	Magrwada To Kasmarda	Taregaon	RF	391	419.569	0.5	0.021

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143	39	Bodla	Kawardha	Kasmarda To Chhuhi	Taregaon	RF	11	699.035	0.5	0.035	
144	39	Bodla	Kawardha	Kasmarda To Chhuhi	Taregaon	RF	391	142.768	0.5	0.007	
145	39	Bodla	Kawardha	Kasmarda To Chhuhi	Taregaon	RF	391	948.803	0.5	0.047	
146	40	Bodla	Kawardha	Kasmarda To Chhuhi	Taregaon	RF	14	813.562	0.5	0.041	
147	40	Bodla	Kawardha	Kasmarda To Chhuhi	Taregaon	RF	14	1513.196	0.5	0.076	
148	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 10	48.666	0.5	0.002	
149	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 10	1524.586	0.5	0.076	
150	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	PF	FDC 368	304.808	0.5	0.015	
151	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	PF	FDC 368	1777.824	0.5	0.089	
152	42	Bodla	Kawardha	Chhuhi To Batipathara	Taregaon	RF	FDC 6	146.032	0.5	0.007	
153	42	Bodla	Kawardha	Chhuhi To Batipathara	Taregaon	RF	FDC 6	950.823	0.5	0.048	
154	42	Bodla	Kawardha	Chhuhi To Batipathara	Taregaon	RF	FDC 7	656.031	0.5	0.033	
155	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 9	425.415	0.5	0.021	
156	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 9	445.352	0.5	0.022	
157	42	Bodla	Kawardha	Batipathara To Khandsara	Taregaon	RF	FDC 9	1950.000	0.5	0.098	
158	42	Bodla	Kawardha	Chhuhi To Batipathara	Taregaon	RF	FDC 9	702.501	0.5	0.035	
159	44	Pandariya	Kawardha	Limhaipur To Damgarh	Taregaon	RF	FDC 10	418.039	0.5	0.021	
160	45	Pandariya	Kawardha	Limhaipur To Damgarh	Taregaon	RF	FDC 9	12.032	0.5	0.001	
Total-								64	46772.901	0.5	2.339
161	31	Bodla	Kawardha	Batipathara To Khandsara	Pandria west	RF	437	367.196	0.5	0.018	
162	31	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	RF	437	377.371	0.5	0.019	



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163	31	Bodla	Kawardha	Batipathara To Khandasara	Pandria west	PF	439	297.220	0.5	0.015
164	31	Bodla	Kawardha	Batipathara To Khandasara	Pandria west	PF	439	1133.961	0.5	0.057
165	31	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	439	1076.721	0.5	0.054
166	31	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	439	1101.104	0.5	0.055
167	39	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	489	212.387	0.5	0.011
168	39	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	489	552.121	0.5	0.028
169	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	489	534.713	0.5	0.027
170	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	489	804.358	0.5	0.040
171	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	490	1145.643	0.5	0.057
172	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	RF	490	1900.106	0.5	0.095
173	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	PF	491	49.895	0.5	0.002
174	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	PF	491	1136.439	0.5	0.057
175	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	PF	492	374.329	0.5	0.019
176	40	Bodla	Kawardha	Kasmarda To Chhuhi	Pandria west	PF	492	436.805	0.5	0.022
177	41	Bodla	Kawardha	Chhuhi To Batipathara	Pandria west	PF	FDC 408	64.298	0.5	0.003
178	41	Bodla	Kawardha	Chhuhi To Batipathara	Pandria west	PF	FDC 408	1197.096	0.5	0.060
179	43	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	440	848.068	0.5	0.042
180	45	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	446	177.523	0.5	0.009
181	45	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	446	188.799	0.5	0.009
182	46	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	447	504.257	0.5	0.025
183	46	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	447	672.177	0.5	0.034



184	47	Pandariya	Kawardha	Badana To Khamhi	Pandria west	PF	FDC 443	320.750	0.5	0.016
185	47	Pandariya	Kawardha	Badana To Khamhi	Pandria west	PF	FDC 444	1323.076	0.5	0.066
186	47	Pandariya	Kawardha	Badana To Khamhi	Pandria west	PF	FDC 445	583.596	0.5	0.029
187	47	Pandariya	Kawardha	Badana To Khamhi	Pandria west	PF	FDC 446	1064.458	0.5	0.053
188	48	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	447	466.886	0.5	0.023
189	48	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	448	43.141	0.5	0.002
190	48	Pandariya	Kawardha	Limhaipur To Damgarh	Pandria west	PF	448	473.599	0.5	0.024
191	49	Pandariya	Kawardha	Putputa To Singpur	Pandria west	RF	445	154.431	0.5	0.008
192	49	Pandariya	Kawardha	Putputa To Singpur	Pandria west	PF	FDC 1472	327.268	0.5	0.016
193	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	444	13.438	0.5	0.001
194	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	444	44.523	0.5	0.002
195	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	444	1122.487	0.5	0.056
196	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	444	122.452	0.5	0.006
197	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	444	113.630	0.5	0.006
198	50	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria west	PF	FDC 1470	240.418	0.5	0.012
199	55	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	RF	443	528.467	0.5	0.026
200	55	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	RF	443	529.214	0.5	0.026
201	55	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	PF	FDC 1397	743.720	0.5	0.038
202	55	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	PF	FDC 1397	748.713	0.5	0.037
203	56	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	RF	443	153.858	0.5	0.008
204	56	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	RF	443	51.927	0.5	0.003

205	56	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	RF	443	102.512	0.5	0.005	
206	56	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	PF	FDC 1405	86.474	0.5	0.004	
207	56	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	PF	FDC 1405	601.611	0.5	0.030	
208	56	Pandariya	Kawardha	Lokhan To Pandariya	Pandria west	PF	FDC 1405	1950.001	0.5	0.098	
209	56	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	PF	FDC 1405	791.076	0.5	0.040	
210	56	Pandariya	Kawardha	Singpur To Pandariya	Pandria west	PF	FDC 1405	1847.489	0.5	0.092	
Total-								50	29701.802	0.5	1.485
211	51	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria east	RF	550	1097.531	0.5	0.055	
212	52	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria east	RF	528	270.969	0.5	0.014	
213	52	Pandariya	Kawardha	Chatari To Bhedagarh	Pandria east	RF	528	1662.409	0.5	0.084	
214	53	Pandariya	Kawardha	Malkchra To Majhlorivan	Pandria east	RF	526	80.460	0.5	0.004	
215	53	Pandariya	Kawardha	Malkchra To Majhlorivan	Pandria east	RF	526	789.813	0.5	0.039	
216	53	Pandariya	Kawardha	Malkchra To Majhlorivan	Pandria east	RF	527	115.378	0.5	0.006	
217	53	Pandariya	Kawardha	Malkchra To Majhlorivan	Pandria east	RF	527	269.541	0.5	0.013	
218	54	Pandariya	Kawardha	Narsinpur To Khairdogari	Pandria east	RF	505	264.903	0.5	0.013	
219	54	Pandariya	Kawardha	Narsinpur To Khairdogari	Pandria east	RF	505	667.725	0.5	0.033	
220	54	Pandariya	Kawardha	Bhrewapara To Narsinpur	Pandria east	PF	FDC 1422	79.934	0.5	0.004	
221	54	Pandariya	Kawardha	Narsinpur To Khairdogari	Pandria east	PF	FDC 1422	82.161	0.5	0.004	
Total-								11	5380.824	0.5	0.269
222	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	60	1228.332	0.5	0.061	
223	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	60	1225.727	0.5	0.061	



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224	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	61	649.886	0.5	0.032
225	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	61	1179.661	0.5	0.059
226	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	61	651.781	0.5	0.033
227	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	61	1176.489	0.5	0.059
228	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	63	21.438	0.5	0.001
229	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	63	1452.013	0.5	0.073
230	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	63	24.635	0.5	0.001
231	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	63	1449.817	0.5	0.072
232	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	64	641.840	0.5	0.032
233	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	64	684.408	0.5	0.034
234	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	64	721.611	0.5	0.036
235	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	64	642.698	0.5	0.032
236	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	64	683.149	0.5	0.034
237	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	64	722.545	0.5	0.036
238	20	Bodla	Kawardha	Bairakh To Tapping	Kawardha	RF	65	297.503	0.5	0.015
239	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	65	1229.598	0.5	0.061
240	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	65	1242.721	0.5	0.062
241	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	65	206.121	0.5	0.010
242	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	65	1036.097	0.5	0.052
243	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	65	1227.456	0.5	0.061
244	20	Bodla	Kawardha	Tapping To Bairakh	Kawardha	RF	65	286.009	0.5	0.014



245	20	Bodla	Kawardha	Bairakh To Taregaon Maidan	Kawardha	PF	310	127.675	0.5	0.006
246	20	Bodla	Kawardha	Bairakh To Taregaon Maidan	Kawardha	PF	310	1361.593	0.5	0.068
247	20	Bodla	Kawardha	Bairakh To Taregaon Maidan	Kawardha	PF	310	1489.436	0.5	0.074
248	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	313	497.988	0.5	0.025
249	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	RF	313	783.840	0.5	0.039
250	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	313	500.184	0.5	0.025
251	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	RF	313	780.998	0.5	0.039
252	20	Bodla	Kawardha	Bodla To Bahnakhodra	Kawardha	PF	316	1306.259	0.5	0.065
253	20	Bodla	Kawardha	Bodla To Siwani	Kawardha	PF	316	1306.090	0.5	0.065
254	21	Bodla	Kawardha	Bairakh To Dholbajja	Kawardha	RF	51	553.152	0.5	0.028
255	21	Bodla	Kawardha	Bairakh To Dholbajja	Kawardha	RF	51	813.513	0.5	0.041
256	21	Bodla	Kawardha	Bairakh To Dholbajja	Kawardha	RF	52	1201.711	0.5	0.060
257	21	Bodla	Kawardha	Bairakh To Dholbajja	Kawardha	RF	52	1396.849	0.5	0.070
258	22	Bodla	Kawardha	Bhonda To Bhira	Kawardha	RF	314	195.315	0.5	0.010
259	22	Bodla	Kawardha	Bhonda To Bhira	Kawardha	RF	314	1106.430	0.5	0.055
260	22	Bodla	Kawardha	Bhonda To Bhira	Kawardha	PF	315	829.491	0.5	0.041
261	57	Bodla	Kawardha	Chhapri To Ghongha	Kawardha	PF	317	531.079	0.5	0.027
262	58	Bodla	Kawardha	Baghutola To Bodla	Kawardha	PF	318	1208.966	0.5	0.060
263	59	Bodla	Kawardha	Katgo To Tapping	Kawardha	RF	80	11.708	0.5	0.001
264	59	Bodla	Kawardha	Rochan To Chhapri	Kawardha	RF	80	334.907	0.5	0.017
265	59	Bodla	Kawardha	Rochan To Chhapri	Kawardha	RF	80	628.635	0.5	0.031

266	59	Bodla	Kawardha	Rochan To Chhapri	Kawardha	80	1042.003	0.5	0.052
267	59	Bodla	Kawardha	Rochan To Chhapri	Kawardha	80	1239.732	0.5	0.062
268	59	Bodla	Kawardha	Tapping To Katgo	Kawardha	80	7.830	0.5	0.001
269	59	Bodla	Kawardha	Rochan To Chhapri	Kawardha	318	594.482	0.5	0.030
270	60	Bodla	Kawardha	Kampa To Chimra	Kawardha	99	1040.897	0.5	0.052
271	60	Bodla	Kawardha	Kampa To Chimra	Kawardha	99	1370.867	0.5	0.069
272	60	Bodla	Kawardha	Kampa To Chimra	Kawardha	99	1950.000	0.5	0.098
273	60	Bodla	Kawardha	Kampa To Chimra	Kawardha	99	1950.001	0.5	0.098
274	60	Bodla	Kawardha	Kampa To Chimra	Kawardha	109	315.218	0.5	0.016
275	60	Bodla	Kawardha	Lalpurkala To Sabnapur	Kawardha	110	162.867	0.5	0.008
276	60	Bodla	Kawardha	Lalpurkala To Sabnapur	Kawardha	110	411.591	0.5	0.021
277	60	Bodla	Kawardha	Tapping To Bedarchi	Kawardha	110	580.853	0.5	0.029
278	61	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	109	1040.918	0.5	0.052
279	61	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	109	30.660	0.5	0.002
280	61	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	109	1010.006	0.5	0.051
281	62	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	107	852.629	0.5	0.043
282	62	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	107	901.048	0.5	0.045
283	62	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	107	212.991	0.5	0.011
284	62	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	107	1541.388	0.5	0.077
285	62	Bodla	Kawardha	Bandha To Tapping	Kawardha	319	229.385	0.5	0.011
286	62	Bodla	Kawardha	Tapping To Bandha	Kawardha	319	232.648	0.5	0.012

287	62	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	RF	321	131.574	0.5	0.007
288	62	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	RF	321	131.409	0.5	0.007
289	63	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	PF	106	108.069	0.5	0.005
290	63	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	PF	106	838.613	0.5	0.042
291	63	Bodla	Kawardha	Jamunpani To Kampa	Kawardha	PF	106	1716.474	0.5	0.086
292	63	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	PF	106	109.764	0.5	0.005
293	63	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	PF	106	406.459	0.5	0.020
294	63	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	PF	106	454.168	0.5	0.023
295	63	Bodla	Kawardha	Sheetalpani To Mahrajpur	Kawardha	PF	106	1700.452	0.5	0.085
Total-							74	57962.350	0.5	2.898
Grand Total-							295	204770.322	0.5	10.239

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

SI No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	21	Kabirdham	Bodla	Bairakh To Dholbajja	Newratola	BJJ	101	173.156	0.5	0.008
2	21	Kabirdham	Bodla	Bairakh To Dholbajja	Newratola	BJJ	74	107.971	0.5	0.005
3	24	Kabirdham	Bodla	Boldakala To Khariya	Bolda Kalan	BJJ	36	388.054	0.5	0.019
4	24	Kabirdham	Bodla	Boldakala To Khariya	Bolda Kalan	BJJ	29	418.882	0.5	0.021
5	24	Kabirdham	Bodla	Boldakala To Khariya	Bolda Kalan	BJJ	1	54.201	0.5	0.003
6	38	Kabirdham	Bodla	Kasmarda To Amaniya	Kesmarda	BJJ	203	77.463	0.5	0.004



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (In m.)	Width (in m.)	Proposed Area (in Ha.)
7	60	Kabirdham	Bodla	Khairbankala To Kampa	Kapa	BJJ	3/1	446.273	0.5	0.022
8	60	Kabirdham	Bodla	Khairbankala To Kampa	Khairbana Kalan	BJJ	17/1	178.322	0.5	0.009
9	60	Kabirdham	Bodla	Khairbankala To Kampa	Khairbana Kalan	BJJ	28	297.024	0.5	0.015
Total-							9	2141.346	0.5	0.106
10	39	Kabirdham	Pandariya	Devsara To Magrwada	Bakela	BJJ	87	43.268	0.5	0.002
11	46	Kabirdham	Pandariya	Batipathara To Badana	Mahidabra	BJJ	158/1	313.602	0.5	0.016
12	47	Kabirdham	Pandariya	Batipathara To Badana	Mahidabra	BJJ	158/1	210.677	0.5	0.011
13	47	Kabirdham	Pandariya	Batipathara To Badana	Mahidabra	BJJ	70	104.985	0.5	0.005
14	47	Kabirdham	Pandariya	Batipathara To Badana	Mahidabra	BJJ	79/1	170.997	0.5	0.009
15	48	Kabirdham	Pandariya	Damgarh To Kukdur	Amera	BJJ	1	1222.333	0.5	0.061
16	48	Kabirdham	Pandariya	Kui To Kukdur	Amera	BJJ	179/1	232.980	0.5	0.012
17	49	Kabirdham	Pandariya	Putputa To Polmi	Putputa	BJJ	232	239.589	0.5	0.012
18	53	Kabirdham	Pandariya	Majholirvan To Chatari	Manjholi Khan	BJJ	14	226.337	0.5	0.011
19	53	Kabirdham	Pandariya	Majholirvan To Malkchra	Guda	BJJ	23/1	98.149	0.5	0.005
20	56	Kabirdham	Pandariya	Keshligodhan To Munmuna	Sagauna	BJJ	254	658.966	0.5	0.033
21	56	Kabirdham	Pandariya	Keshligodhan To Munmuna	Sagauna	BJJ	228	85.366	0.5	0.004
Total-							12	3607.249	0.5	0.181
Grand Total-							21	5748.595	0.5	0.287

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

Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1	1	21°49'08.88602"	81°00'13.52265"	P-51	6	21°52'33.95563"	80°59'58.35373"
P-2	1	21°49'04.56617"	81°00'17.63585"	P-52	6	21°52'37.42903"	80°59'52.67204"
P-3	1	21°48'59.09469"	81°00'16.69308"	P-53	6	21°52'37.74715"	80°59'52.38011"
P-4	1	21°48'59.09469"	81°00'16.69308"	P-54	6	21°52'53.13537"	80°59'24.54073"
P-5	1	21°48'47.51657"	81°00'20.59354"	P-55	6	21°52'52.03793"	80°59'20.23820"
P-6	1	21°48'41.54567"	81°00'22.72337"	P-56	6	21°52'56.32421"	80°59'17.37023"
P-7	1	21°48'35.09869"	81°00'22.77304"	P-57	6	21°53'00.41300"	80°59'17.55207"
P-8	1	21°48'28.66939"	81°00'21.78803"	P-58	6	21°53'02.26523"	80°59'15.80073"
P-9	1	21°48'26.56637"	81°00'20.62945"	P-59	6	21°53'08.27929"	80°59'14.62114"
P-10	2	21°49'53.58092"	81°00'29.25819"	P-60	6	21°53'10.37163"	80°59'09.79363"
P-11	2	21°49'54.55323"	81°00'22.41131"	P-61	6	21°53'21.14530"	80°58'57.22571"
P-12	2	21°49'55.68556"	81°00'15.57228"	P-62	6	21°53'24.55829"	80°58'51.41916"
P-13	2	21°49'54.09556"	81°00'09.55755"	P-63	6	21°53'26.02958"	80°58'50.23863"
P-14	2	21°49'48.38663"	81°00'06.29066"	P-64	6	21°53'10.37163"	80°59'09.79363"
P-15	2	21°49'48.63244"	81°00'00.71882"	P-65	6	21°53'14.92419"	80°59'05.65723"
P-16	2	21°49'48.63244"	81°00'00.71882"	P-66	6	21°53'20.13537"	80°59'01.56863"
P-17	2	21°49'44.88023"	80°59'56.25312"	P-67	6	21°53'21.14530"	80°58'57.22571"
P-18	2	21°49'39.22204"	80°59'59.16254"	P-68	6	21°53'34.45834"	80°58'26.89494"
P-19	2	21°49'36.28583"	81°00'02.28323"	P-69	6	21°53'36.08671"	80°58'20.22648"
P-20	3	21°50'03.87118"	81°00'47.21027"	P-70	6	21°53'36.53724"	80°58'13.30306"
P-21	3	21°49'58.53086"	81°00'45.10655"	P-71	6	21°53'34.36030"	80°58'06.83457"
P-22	3	21°49'57.27966"	81°00'38.37711"	P-72	6	21°53'33.36644"	80°58'01.53970"
P-23	3	21°49'57.21955"	81°00'32.44125"	P-73	6	21°53'26.02958"	80°58'50.23863"
P-24	4	21°50'23.90912"	81°01'00.93494"	P-74	6	21°53'24.43963"	80°58'44.89041"
P-25	4	21°50'17.96504"	81°01'01.71909"	P-75	6	21°53'19.95283"	80°58'44.21673"
P-26	4	21°50'12.65801"	81°00'58.18888"	P-76	6	21°53'20.12036"	80°58'37.97841"
P-27	4	21°50'11.95874"	81°00'52.92328"	P-77	6	21°53'26.36953"	80°58'36.15787"
P-28	4	21°50'12.01444"	81°00'52.82726"	P-78	6	21°53'32.09827"	80°58'33.13432"
P-29	5	21°50'37.99603"	81°01'32.36467"	P-79	6	21°53'34.45834"	80°58'26.89494"
P-30	5	21°50'36.92474"	81°01'25.54732"	P-80	6	21°53'33.36644"	80°58'01.53970"
P-31	5	21°50'35.72727"	81°01'21.30225"	P-81	6	21°53'32.25339"	80°57'55.14253"
P-32	6	21°52'37.35303"	81°00'43.83294"	P-82	6	21°53'35.79298"	80°57'50.78107"
P-33	6	21°52'34.80907"	81°00'44.26113"	P-83	6	21°53'40.28306"	80°57'55.47547"
P-34	6	21°52'20.31922"	81°00'42.52154"	P-84	6	21°53'44.44703"	80°57'56.78496"
P-35	6	21°52'21.67815"	81°00'35.74164"	P-85	6	21°52'06.99220"	81°00'52.05872"
P-36	6	21°52'22.18879"	81°00'28.86103"	P-86	6	21°52'12.06670"	81°00'48.36642"
P-37	6	21°52'24.86443"	81°00'22.72925"	P-87	6	21°52'18.12155"	81°00'46.06275"
P-38	6	21°52'24.93811"	81°00'20.63866"	P-88	6	21°52'18.21512"	81°00'46.33791"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-39	6	21°52'37.74715"	80°59'52.38011"	P-89	6	21°52'12.10043"	81°00'48.58265"
P-40	6	21°52'42.91874"	80°59'48.16152"	P-90	6	21°52'07.06420"	81°00'52.31453"
P-41	6	21°52'47.45934"	80°59'43.20267"	P-91	7	21°58'25.46345"	80°56'59.08570"
P-42	6	21°52'50.39365"	80°59'37.02687"	P-92	7	21°58'20.55764"	80°57'03.28952"
P-43	6	21°52'54.03855"	80°59'31.36776"	P-93	7	21°58'14.70901"	80°57'06.19483"
P-44	6	21°52'53.14971"	80°59'24.79581"	P-94	7	21°58'09.52681"	80°57'07.90215"
P-45	6	21°52'53.13537"	80°59'24.54073"	P-95	7	21°58'03.35380"	80°57'09.78007"
P-46	6	21°52'24.93811"	81°00'20.63866"	P-96	7	21°57'57.17316"	80°57'10.05317"
P-47	6	21°52'25.65247"	81°00'13.71462"	P-97	7	21°57'57.42493"	80°57'16.55633"
P-48	6	21°52'29.82292"	81°00'08.64534"	P-98	7	21°57'57.68335"	80°57'23.50918"
P-49	6	21°52'31.24595"	81°00'04.49709"	P-99	7	21°57'58.37102"	80°57'30.44246"
P-50	6	21°52'31.24595"	81°00'04.49709"	P-100	7	21°57'59.03156"	80°57'37.37060"
P-101	7	21°57'59.16288"	80°57'38.66316"	P-151	7	21°55'59.65873"	81°00'20.59324"
P-102	7	21°57'59.06902"	80°57'44.24108"	P-152	7	21°56'02.70254"	81°00'26.32404"
P-103	7	21°57'57.79794"	80°57'51.07774"	P-153	7	21°56'03.43268"	81°00'32.93792"
P-104	7	21°57'58.19093"	80°57'57.89332"	P-154	7	21°55'59.75483"	81°00'36.20766"
P-105	7	21°58'00.58170"	80°58'04.33178"	P-155	7	21°55'59.75483"	81°00'36.20766"
P-106	7	21°58'01.76596"	80°58'11.18448"	P-156	7	21°55'54.89021"	81°00'40.73301"
P-107	7	21°58'02.20715"	80°58'18.09514"	P-157	7	21°55'50.69028"	81°00'45.74377"
P-108	7	21°58'02.52849"	80°58'25.02486"	P-158	7	21°55'44.47409"	81°00'45.69535"
P-109	7	21°58'03.27028"	80°58'31.85788"	P-159	7	21°55'40.34352"	81°00'48.95967"
P-110	7	21°58'02.28116"	80°58'38.54977"	P-160	7	21°55'40.34352"	81°00'48.95967"
P-111	7	21°57'59.11720"	80°58'44.19693"	P-161	7	21°55'34.60965"	81°00'51.77342"
P-112	7	21°57'59.16288"	80°57'38.66316"	P-162	7	21°55'30.63505"	81°00'57.16297"
P-113	7	21°57'59.06902"	80°57'44.24108"	P-163	7	21°55'26.98833"	81°01'02.87032"
P-114	7	21°57'57.08041"	80°58'47.40044"	P-164	7	21°55'25.24859"	81°01'08.93607"
P-115	7	21°57'54.65893"	80°58'52.91827"	P-165	7	21°55'24.91400"	81°01'09.09142"
P-116	7	21°57'51.39435"	80°58'58.83862"	P-166	7	21°55'24.91400"	81°01'09.09142"
P-117	7	21°57'52.70977"	80°59'01.88523"	P-167	7	21°55'18.70904"	81°01'10.43712"
P-118	7	21°57'59.11720"	80°58'44.19693"	P-168	7	21°55'13.11753"	81°01'09.26408"
P-119	7	21°57'57.08041"	80°58'47.40044"	P-169	7	21°55'13.11753"	81°01'09.26408"
P-120	7	21°57'52.70977"	80°59'01.88523"	P-170	7	21°55'07.04943"	81°01'07.35686"
P-121	7	21°57'52.15108"	80°59'07.62534"	P-171	7	21°55'04.81586"	81°01'13.28389"
P-122	7	21°57'49.44695"	80°59'13.59616"	P-172	7	21°55'00.81117"	81°01'18.57575"
P-123	7	21°57'47.86019"	80°59'20.08300"	P-173	7	21°54'55.17228"	81°01'22.03007"
P-124	7	21°57'46.83802"	80°59'26.90606"	P-174	7	21°54'48.85127"	81°01'23.57501"
P-125	7	21°57'41.44967"	80°59'30.30033"	P-175	7	21°54'42.92407"	81°01'26.34114"
P-126	7	21°57'36.51314"	80°59'34.19776"	P-176	7	21°54'38.22791"	81°01'30.72874"
P-127	7	21°57'33.55998"	80°59'37.16584"	P-177	7	21°54'34.29382"	81°01'36.24192"
P-128	7	21°57'33.55998"	80°59'37.16584"	P-178	7	21°54'29.03558"	81°01'40.00908"
P-129	7	21°57'28.46691"	80°59'41.40503"	P-179	7	21°54'24.36962"	81°01'38.64114"
P-130	7	21°57'22.48436"	80°59'41.55510"	P-180	7	21°54'24.36962"	81°01'38.64114"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-131	7	21°57'16.40842"	80°59'41.86534"	P-181	7	21°54'19.07136"	81°01'34.64991"
P-132	7	21°57'11.50733"	80°59'46.38193"	P-182	7	21°54'12.98061"	81°01'32.22770"
P-133	7	21°57'05.26875"	80°59'47.76257"	P-183	7	21°54'10.58443"	81°01'31.36869"
P-134	7	21°56'58.91210"	80°59'48.68188"	P-184	7	21°54'10.58443"	81°01'31.36869"
P-135	7	21°56'52.88441"	80°59'51.08478"	P-185	7	21°54'04.55113"	81°01'28.90928"
P-136	7	21°56'48.68382"	80°59'52.98989"	P-186	7	21°53'59.80305"	81°01'24.87286"
P-137	7	21°56'48.68382"	80°59'52.98989"	P-187	7	21°53'56.24293"	81°01'19.04265"
P-138	7	21°56'42.68930"	80°59'54.98202"	P-188	7	21°53'53.28149"	81°01'12.95584"
P-139	7	21°56'36.54295"	80°59'55.35787"	P-189	7	21°53'50.51148"	81°01'06.69328"
P-140	7	21°56'36.28838"	80°59'55.44923"	P-190	7	21°53'50.16644"	81°00'59.91126"
P-141	7	21°56'36.28838"	80°59'55.44923"	P-191	7	21°53'48.05422"	81°00'53.44459"
P-142	7	21°56'30.30872"	80°59'58.15024"	P-192	7	21°53'47.52652"	81°00'50.99771"
P-143	7	21°56'24.46171"	81°00'00.94950"	P-193	7	21°53'47.52652"	81°00'50.99771"
P-144	7	21°56'18.59704"	81°00'03.89503"	P-194	7	21°53'43.44267"	81°00'45.76388"
P-145	7	21°56'11.26025"	81°00'07.49034"	P-195	7	21°53'41.90601"	81°00'43.24410"
P-146	7	21°56'09.12093"	81°00'09.01484"	P-196	8	21°53'25.96842"	80°57'07.09719"
P-147	7	21°56'12.87245"	81°00'06.24912"	P-197	8	21°53'20.08134"	80°57'04.59272"
P-148	7	21°56'05.42132"	81°00'12.02176"	P-198	8	21°53'17.70901"	80°57'03.55346"
P-149	7	21°56'01.28273"	81°00'17.05719"	P-199	8	21°53'03.71201"	80°56'58.52471"
P-150	7	21°55'59.65873"	81°00'20.59324"	P-200	8	21°52'57.83531"	80°57'01.45581"
P-201	8	21°52'52.72530"	80°57'05.73617"	P-251	12	21°52'32.78606"	80°51'46.26347"
P-202	8	21°52'46.49464"	80°57'07.26717"	P-252	12	21°52'33.87875"	80°51'46.83407"
P-203	8	21°52'40.06008"	80°57'07.99994"	P-253	12	21°53'40.77747"	80°50'36.96344"
P-204	8	21°52'33.62853"	80°57'07.31565"	P-254	12	21°53'44.51301"	80°50'42.41841"
P-205	8	21°52'32.67389"	80°57'07.40029"	P-255	12	21°53'46.03399"	80°50'48.34550"
P-206	8	21°53'17.70901"	80°57'03.55346"	P-256	12	21°53'51.24302"	80°50'52.09447"
P-207	8	21°53'11.73649"	80°57'00.90085"	P-257	12	21°53'55.16242"	80°50'53.74843"
P-208	8	21°53'06.11532"	80°56'57.74751"	P-258	12	21°54'35.75951"	80°50'58.60193"
P-209	8	21°53'03.71201"	80°56'58.52471"	P-259	12	21°54'42.17913"	80°50'57.93351"
P-210	9	21°51'33.81939"	80°57'00.35101"	P-260	12	21°54'43.15438"	80°50'58.16405"
P-211	9	21°51'29.13791"	80°56'55.67039"	P-261	12	21°54'33.22524"	80°50'58.03933"
P-212	9	21°51'28.92162"	80°56'54.62856"	P-262	12	21°54'35.75951"	80°50'58.60193"
P-213	9	21°51'28.92162"	80°56'54.62856"	P-263	13	21°55'53.75259"	80°51'56.37307"
P-214	9	21°51'26.77493"	80°56'48.06510"	P-264	13	21°55'59.64906"	80°51'58.90777"
P-215	9	21°51'23.43585"	80°56'42.13413"	P-265	13	21°56'04.17031"	80°52'03.17220"
P-216	9	21°51'18.46002"	80°56'37.69601"	P-266	13	21°56'10.46730"	80°52'52.44177"
P-217	9	21°51'17.27608"	80°56'35.98313"	P-267	13	21°56'07.83534"	80°52'58.67504"
P-218	10	21°49'39.30995"	80°54'50.24191"	P-268	13	21°56'06.98695"	80°53'01.02285"
P-219	10	21°49'38.77005"	80°54'43.83044"	P-269	13	21°56'04.17031"	80°52'03.17220"
P-220	10	21°49'44.77653"	80°53'47.59141"	P-270	13	21°56'04.91579"	80°52'03.57873"
P-221	10	21°49'43.71798"	80°53'40.72486"	P-271	13	21°56'20.68203"	80°52'58.27451"
P-222	10	21°49'43.20391"	80°53'37.34518"	P-272	13	21°56'27.10943"	80°52'57.25579"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-223	10	21°49'38.77005"	80°54'43.83044"	P-273	13	21°56'33.51688"	80°52'56.09690"
P-224	10	21°49'39.57596"	80°54'36.92060"	P-274	13	21°56'39.90886"	80°52'57.16917"
P-225	10	21°49'40.17490"	80°54'33.94891"	P-275	13	21°56'11.92705"	80°53'01.31060"
P-226	10	21°49'43.20391"	80°53'37.34518"	P-276	13	21°56'13.77568"	80°53'00.54512"
P-227	10	21°49'42.15176"	80°53'30.49467"	P-277	13	21°56'51.01625"	80°52'59.95053"
P-228	10	21°49'42.16476"	80°53'23.54410"	P-278	13	21°56'57.35096"	80°53'01.52671"
P-229	10	21°49'42.73499"	80°53'16.64646"	P-279	13	21°57'03.71149"	80°53'02.95911"
P-230	10	21°49'41.65865"	80°53'10.26349"	P-280	13	21°57'10.09781"	80°53'04.09784"
P-231	10	21°49'41.55883"	80°53'03.67015"	P-281	13	21°57'10.09781"	80°53'04.09784"
P-232	10	21°49'45.27879"	80°52'57.96867"	P-282	13	21°57'16.46560"	80°53'04.85710"
P-233	10	21°49'46.58935"	80°52'52.20801"	P-283	13	21°57'21.06847"	80°52'59.94012"
P-234	11	21°49'59.24683"	80°52'11.15847"	P-284	13	21°57'25.74296"	80°52'55.30629"
P-235	11	21°49'58.60340"	80°52'04.23596"	P-285	14	21°56'57.03721"	80°52'17.70164"
P-236	11	21°49'59.29758"	80°51'57.35853"	P-286	14	21°56'59.07871"	80°52'11.23457"
P-237	11	21°50'00.49841"	80°51'50.51163"	P-287	14	21°56'58.74941"	80°52'04.32692"
P-238	11	21°50'01.81666"	80°51'43.69115"	P-288	14	21°56'57.44720"	80°51'57.49864"
P-239	11	21°50'04.47275"	80°51'37.38560"	P-289	14	21°56'59.03997"	80°51'53.44530"
P-240	11	21°50'08.28079"	80°51'31.73811"	P-290	14	21°57'04.81139"	80°51'51.06157"
P-241	11	21°50'09.48869"	80°51'29.84011"	P-291	14	21°57'08.55082"	80°51'50.21007"
P-242	11	21°50'09.48869"	80°51'29.84011"	P-292	15	22°01'00.88726"	80°53'39.80774"
P-243	11	21°50'12.05412"	80°51'27.00268"	P-293	15	22°00'55.35392"	80°53'36.17039"
P-244	11	21°50'40.72326"	80°51'16.85382"	P-294	15	22°00'49.41913"	80°53'33.32001"
P-245	11	21°50'47.17076"	80°51'15.93571"	P-295	15	22°00'43.19051"	80°53'31.33125"
P-246	11	21°50'51.77753"	80°51'15.32893"	P-296	15	22°00'37.13882"	80°53'28.78812"
P-247	12	21°52'10.45838"	80°51'34.83222"	P-297	15	22°00'31.12055"	80°53'26.14527"
P-248	12	21°52'16.72833"	80°51'36.23880"	P-298	15	22°00'25.15521"	80°53'23.36612"
P-249	12	21°52'23.07762"	80°51'37.22003"	P-299	15	22°00'19.13703"	80°53'20.73387"
P-250	12	21°52'27.32968"	80°51'42.47988"	P-300	15	22°00'13.75275"	80°53'17.61342"
P-301	15	22°00'08.90572"	80°53'13.21711"	P-351	16	22°02'40.66416"	80°54'30.69114"
P-302	15	22°00'07.57039"	80°53'12.10409"	P-352	16	22°02'30.49975"	80°54'30.61949"
P-303	15	21°59'45.50760"	80°52'58.60039"	P-353	16	22°02'25.86860"	80°54'34.05287"
P-304	15	21°59'39.12525"	80°52'57.40494"	P-354	16	22°02'19.89919"	80°54'31.80768"
P-305	15	21°59'32.64605"	80°52'56.79016"	P-355	16	22°02'15.89625"	80°54'26.51213"
P-306	15	21°59'26.53747"	80°52'54.91808"	P-356	16	22°02'11.34877"	80°54'27.21812"
P-307	15	21°59'20.74282"	80°52'51.80217"	P-357	16	22°02'05.92640"	80°54'30.89664"
P-308	15	21°59'14.61116"	80°52'49.47441"	P-358	16	22°01'59.54155"	80°54'32.09542"
P-309	15	21°59'10.90843"	80°52'47.98709"	P-359	16	22°01'54.84384"	80°54'27.52203"
P-310	15	22°00'07.57039"	80°53'12.10409"	P-360	16	22°01'49.49910"	80°54'23.56621"
P-311	15	22°00'03.54456"	80°53'06.75303"	P-361	16	22°01'48.61114"	80°54'22.89413"
P-312	15	21°59'59.00670"	80°53'02.18654"	P-362	16	22°02'40.66416"	80°54'30.69114"
P-313	15	21°59'52.72545"	80°53'00.47839"	P-363	16	22°02'34.17597"	80°54'30.88376"
P-314	15	21°59'46.40613"	80°52'58.82909"	P-364	16	22°02'30.49975"	80°54'30.61949"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-315	15	21°59'45.50760"	80°52'58.60039"	P-365	16	22°01'48.61114"	80°54'22.89413"
P-316	15	21°59'10.90843"	80°52'47.98709"	P-366	16	22°01'42.96276"	80°54'19.65054"
P-317	15	21°59'04.94899"	80°52'45.20953"	P-367	16	22°01'39.73963"	80°54'18.53684"
P-318	15	21°59'03.37618"	80°52'44.71883"	P-368	17	21°59'24.54480"	80°55'29.07699"
P-319	15	21°59'03.37618"	80°52'44.71883"	P-369	17	21°59'23.90177"	80°55'29.45251"
P-320	15	21°59'07.91949"	80°52'49.37095"	P-370	17	21°59'19.15486"	80°55'35.37630"
P-321	15	21°59'12.10982"	80°52'54.69417"	P-371	17	21°59'16.31869"	80°55'41.58060"
P-322	15	21°59'09.39149"	80°53'00.58478"	P-372	17	21°59'14.89746"	80°55'48.24773"
P-323	15	21°59'05.33231"	80°53'06.02703"	P-373	17	21°59'11.61998"	80°55'53.29977"
P-324	15	21°59'03.91786"	80°53'12.42204"	P-374	17	21°59'23.90177"	80°55'29.45251"
P-325	15	21°59'03.30569"	80°53'15.96899"	P-375	17	21°59'19.64678"	80°55'34.71859"
P-326	15	21°59'03.30569"	80°53'15.96899"	P-376	17	21°59'19.15486"	80°55'35.37630"
P-327	15	21°59'05.09994"	80°53'22.21255"	P-377	17	22°00'05.07334"	80°55'17.01650"
P-328	15	21°59'05.37852"	80°53'29.05897"	P-378	17	22°00'05.39527"	80°55'16.48423"
P-329	15	21°59'07.99122"	80°53'35.09089"	P-379	17	22°00'05.73415"	80°55'16.52647"
P-330	15	21°59'07.99122"	80°53'35.09089"	P-380	17	22°00'04.33004"	80°55'17.36443"
P-331	15	21°59'10.30199"	80°53'41.53190"	P-381	17	22°00'05.07334"	80°55'17.01650"
P-332	15	21°59'15.87794"	80°53'44.89890"	P-382	18	21°59'12.82514"	80°56'26.09169"
P-333	15	21°59'21.61703"	80°53'48.02200"	P-383	18	21°59'13.28166"	80°56'26.49139"
P-334	15	21°59'23.46190"	80°53'54.64725"	P-384	18	21°59'13.28166"	80°56'26.49139"
P-335	15	21°59'26.18858"	80°54'00.93474"	P-385	18	21°59'16.38849"	80°56'31.44552"
P-336	15	21°59'30.96077"	80°54'05.61354"	P-386	18	21°59'16.38849"	80°56'31.44552"
P-337	15	21°59'34.55858"	80°54'10.95965"	P-387	18	21°59'18.11217"	80°56'38.06028"
P-338	15	21°59'35.94957"	80°54'17.68052"	P-388	18	21°59'19.13597"	80°56'44.92086"
P-339	15	21°59'36.27582"	80°54'24.52663"	P-389	18	21°59'21.52800"	80°56'50.93876"
P-340	15	21°59'37.36155"	80°54'29.60926"	P-390	18	21°59'21.34600"	80°56'52.50519"
P-341	15	21°59'37.36155"	80°54'29.60926"	P-391	18	21°59'21.30708"	80°56'52.94455"
P-342	15	21°59'37.05905"	80°54'36.53825"	P-392	18	21°59'20.68260"	80°56'59.85517"
P-343	15	21°59'37.46161"	80°54'43.46688"	P-393	18	21°59'22.55778"	80°57'06.40794"
P-344	15	21°59'38.01848"	80°54'45.78033"	P-394	18	21°59'28.49956"	80°57'07.53683"
P-345	15	21°59'01.91195"	80°52'43.62075"	P-395	18	21°59'29.79787"	80°57'14.34470"
P-346	15	21°59'03.37618"	80°52'44.71883"	P-396	18	21°59'29.65379"	80°57'21.15158"
P-347	16	22°03'00.54396"	80°54'38.65963"	P-397	18	21°59'29.86286"	80°57'25.25801"
P-348	16	22°02'55.48511"	80°54'34.35241"	P-398	18	21°59'32.66855"	80°57'53.24551"
P-349	16	22°02'49.62000"	80°54'31.45857"	P-399	18	21°59'32.35052"	80°58'00.15591"
P-350	16	22°02'43.15950"	80°54'30.82289"	P-400	18	21°59'34.33786"	80°58'06.73586"
P-401	18	21°59'39.26697"	80°58'11.10302"	P-451	18	21°58'44.24845"	80°56'33.44312"
P-402	18	21°59'45.09699"	80°58'14.12195"	P-452	18	21°58'42.72123"	80°56'35.20975"
P-403	18	21°59'51.13403"	80°58'16.50102"	P-453	19	22°02'09.45293"	81°01'41.42935"
P-404	18	21°59'54.18022"	80°58'19.18826"	P-454	19	22°02'08.16384"	81°01'37.55294"
P-405	18	21°59'29.86286"	80°57'25.25801"	P-455	19	22°02'08.16384"	81°01'37.55294"
P-406	18	21°59'29.59396"	80°57'32.15980"	P-456	19	22°02'04.19304"	81°01'32.34218"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-407	18	21°59'31.89005"	80°57'38.44832"	P-457	19	22°01'59.23239"	81°01'27.86828"
P-408	18	21°59'32.42936"	80°57'45.34412"	P-458	19	22°01'54.06761"	81°01'23.78979"
P-409	18	21°59'32.78201"	80°57'52.28071"	P-459	19	22°01'50.12780"	81°01'18.40522"
P-410	18	21°59'32.66855"	80°57'53.24551"	P-460	19	22°01'46.10832"	81°01'16.67250"
P-411	18	22°00'28.27862"	80°59'07.19573"	P-461	19	22°01'46.10832"	81°01'16.67250"
P-412	18	22°00'29.38786"	80°59'08.23241"	P-462	19	22°01'39.62183"	81°01'16.43574"
P-413	18	21°59'54.18022"	80°58'19.18826"	P-463	19	22°01'33.22930"	81°01'17.47053"
P-414	18	21°59'58.76491"	80°58'24.11491"	P-464	19	22°01'26.76845"	81°01'17.13710"
P-415	18	22°00'00.20662"	80°58'27.55438"	P-465	19	22°01'20.40570"	81°01'15.80888"
P-416	18	22°00'01.91172"	80°58'34.09369"	P-466	19	22°01'15.13295"	81°01'11.92980"
P-417	18	22°00'03.36595"	80°58'39.81963"	P-467	19	22°01'14.87959"	81°01'11.42434"
P-418	18	22°00'07.78871"	80°58'44.91048"	P-468	19	22°01'14.87959"	81°01'11.42434"
P-419	18	22°00'11.43664"	80°58'50.67538"	P-469	19	22°01'13.92237"	81°01'09.57017"
P-420	18	22°00'15.82687"	80°58'55.80639"	P-470	20	22°10'13.17727"	81°12'01.51768"
P-421	18	22°00'21.02761"	80°58'59.98382"	P-471	20	22°10'16.75387"	81°11'55.69975"
P-422	18	22°00'25.89294"	80°59'04.59113"	P-472	20	22°10'21.18432"	81°11'50.60771"
P-423	18	22°00'28.27862"	80°59'07.19573"	P-473	20	22°10'25.06236"	81°11'45.11807"
P-424	18	22°00'29.38786"	80°59'08.23241"	P-474	20	22°10'27.79932"	81°11'38.78480"
P-425	18	22°00'34.03240"	80°59'13.10624"	P-475	20	22°10'30.55802"	81°11'32.46099"
P-426	18	22°00'38.12604"	80°59'18.51479"	P-476	20	22°10'34.02802"	81°11'26.59909"
P-427	18	22°00'42.78359"	80°59'23.35182"	P-477	20	22°10'36.27000"	81°11'23.78422"
P-428	18	22°00'48.76991"	80°59'26.05934"	P-478	20	22°10'36.27000"	81°11'23.78422"
P-429	18	22°00'54.11186"	80°59'30.01962"	P-479	20	22°10'41.20406"	81°11'19.79709"
P-430	18	22°00'59.56877"	80°59'33.70794"	P-480	20	22°10'46.98717"	81°11'17.82785"
P-431	18	22°01'04.43568"	80°59'38.25631"	P-481	20	22°10'49.63778"	81°11'11.57752"
P-432	18	22°01'08.84985"	80°59'43.37148"	P-482	20	22°10'49.77409"	81°11'10.09369"
P-433	18	22°01'11.58417"	80°59'49.01813"	P-483	20	22°10'59.33311"	81°10'48.42801"
P-434	18	22°01'11.65027"	80°59'49.71341"	P-484	20	22°11'01.01280"	81°10'41.72405"
P-435	18	22°01'11.65027"	80°59'49.71341"	P-485	20	22°11'00.64701"	81°10'34.75344"
P-436	18	22°01'12.12712"	80°59'54.21767"	P-486	20	22°11'00.48157"	81°10'27.81881"
P-437	18	22°01'12.12712"	80°59'54.21767"	P-487	20	22°11'02.02111"	81°10'21.03453"
P-438	18	22°01'13.53656"	81°00'01.02322"	P-488	20	22°11'03.86194"	81°10'14.36091"
P-439	18	22°01'14.64179"	81°00'07.89033"	P-489	20	22°11'05.19938"	81°10'07.57210"
P-440	18	22°01'13.17334"	81°00'14.55793"	P-490	20	22°11'05.26244"	81°10'06.61576"
P-441	18	22°01'09.96174"	81°00'20.62198"	P-491	20	22°10'49.77409"	81°11'10.09369"
P-442	18	22°01'06.71841"	81°00'26.66510"	P-492	20	22°10'50.56789"	81°11'03.43221"
P-443	18	22°01'05.45951"	81°00'28.64611"	P-493	20	22°10'52.59918"	81°10'56.94895"
P-444	18	21°59'16.38849"	80°56'31.44552"	P-494	20	22°10'57.14611"	81°10'51.99188"
P-445	18	21°59'09.99691"	80°56'30.64691"	P-495	20	22°10'59.33311"	81°10'48.42801"
P-446	18	21°59'03.67949"	80°56'29.06171"	P-496	20	22°11'05.26244"	81°10'06.61576"
P-447	18	21°58'57.28361"	80°56'27.88504"	P-497	20	22°11'06.03255"	81°09'59.68460"
P-448	18	21°58'50.80136"	80°56'28.29922"	P-498	20	22°11'09.17030"	81°09'53.64727"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-449	18	21°58'45.87768"	80°56'31.10939"	P-499	20	22°11'11.56980"	81°09'47.28750"
P-450	18	21°58'44.24845"	80°56'33.44312"	P-500	20	22°11'12.18205"	81°09'40.33535"
P-501	20	22°11'11.36944"	81°09'33.53398"	P-551	20	22°11'50.34407"	81°08'57.90613"
P-502	20	22°11'10.74116"	81°09'32.47222"	P-552	20	22°11'48.81676"	81°09'02.02259"
P-503	20	22°11'10.74116"	81°09'32.47222"	P-553	20	22°11'48.81676"	81°09'02.02259"
P-504	20	22°11'06.11832"	81°09'27.59258"	P-554	20	22°11'43.18326"	81°09'05.06027"
P-505	20	22°11'05.96742"	81°09'27.45317"	P-555	20	22°11'38.95618"	81°09'09.42931"
P-506	20	22°11'05.96742"	81°09'27.45317"	P-556	20	22°11'39.46757"	81°09'16.23928"
P-507	20	22°11'01.10747"	81°09'22.82358"	P-557	20	22°11'35.45216"	81°09'21.52061"
P-508	20	22°10'55.37239"	81°09'25.03941"	P-558	20	22°11'29.05345"	81°09'21.78129"
P-509	20	22°10'49.39476"	81°09'24.41429"	P-559	20	22°11'23.09542"	81°09'24.53311"
P-510	20	22°10'46.94117"	81°09'23.19385"	P-560	20	22°11'18.58193"	81°09'27.42260"
P-511	20	22°10'46.94117"	81°09'23.19385"	P-561	20	22°11'18.58193"	81°09'27.42260"
P-512	20	22°10'46.22095"	81°09'22.81728"	P-562	20	22°11'12.78840"	81°09'30.19344"
P-513	20	22°10'20.46795"	81°08'47.29265"	P-563	20	22°11'10.74116"	81°09'32.47222"
P-514	20	22°10'21.80437"	81°08'40.48375"	P-564	20	22°11'18.72430"	81°09'27.83643"
P-515	20	22°10'19.19903"	81°08'34.27811"	P-565	20	22°11'24.31620"	81°09'24.27113"
P-516	20	22°10'16.45321"	81°08'32.44083"	P-566	20	22°11'30.38930"	81°09'21.80970"
P-517	20	22°10'46.22095"	81°09'22.81728"	P-567	20	22°11'36.67654"	81°09'21.26569"
P-518	20	22°10'41.90693"	81°09'18.16730"	P-568	20	22°11'40.09760"	81°09'15.46237"
P-519	20	22°10'37.87370"	81°09'13.56857"	P-569	20	22°11'39.27854"	81°09'08.62537"
P-520	20	22°10'31.74488"	81°09'11.25431"	P-570	20	22°11'44.55128"	81°09'05.22666"
P-521	20	22°10'26.15121"	81°09'07.69218"	P-571	20	22°11'49.67589"	81°09'01.35588"
P-522	20	22°10'21.72013"	81°09'02.70305"	P-572	20	22°11'50.62578"	81°08'58.41039"
P-523	20	22°10'20.27179"	81°08'55.96272"	P-573	20	22°11'10.75356"	81°09'32.46085"
P-524	20	22°10'20.12583"	81°08'48.99181"	P-574	20	22°11'16.22675"	81°09'29.05028"
P-525	20	22°10'20.46795"	81°08'47.29265"	P-575	20	22°11'10.75356"	81°09'32.46085"
P-526	20	22°10'16.45321"	81°08'32.44083"	P-576	20	22°10'13.18622"	81°12'01.51684"
P-527	20	22°10'10.68456"	81°08'29.34819"	P-577	20	22°10'16.77148"	81°11'55.70328"
P-528	20	22°10'07.57681"	81°08'23.27418"	P-578	20	22°10'21.19998"	81°11'50.60904"
P-529	20	22°10'06.34314"	81°08'16.54164"	P-579	20	22°10'25.07829"	81°11'45.12299"
P-530	20	22°10'06.87388"	81°08'10.24919"	P-580	20	22°10'27.81507"	81°11'38.78963"
P-531	20	22°10'06.87388"	81°08'10.24919"	P-581	20	22°10'30.57388"	81°11'32.46587"
P-532	20	22°10'05.67832"	81°08'03.52956"	P-582	20	22°10'34.04493"	81°11'26.60473"
P-533	20	22°10'00.55372"	81°07'59.44169"	P-583	20	22°10'36.28986"	81°11'23.78486"
P-534	20	22°09'54.63917"	81°07'56.72323"	P-584	20	22°10'36.28986"	81°11'23.78486"
P-535	20	22°09'48.52337"	81°07'56.18575"	P-585	20	22°10'41.23055"	81°11'19.81608"
P-536	20	22°09'42.34355"	81°07'54.18894"	P-586	20	22°10'47.00639"	81°11'17.82802"
P-537	20	22°09'39.70271"	81°07'49.01103"	P-587	20	22°10'49.66737"	81°11'11.57825"
P-538	20	22°09'39.70271"	81°07'49.01103"	P-588	20	22°10'49.80476"	81°11'10.12492"
P-539	20	22°09'38.90478"	81°07'42.38912"	P-589	20	22°10'59.32413"	81°10'48.48443"
P-540	20	22°09'35.85470"	81°07'36.22176"	P-590	20	22°11'01.07390"	81°10'41.79442"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-541	20	22°09'32.38868"	81°07'30.32353"	P-591	20	22°11'00.66770"	81°10'34.82786"
P-542	20	22°09'31.81906"	81°07'28.62492"	P-592	20	22°11'00.48345"	81°10'27.89172"
P-543	20	22°09'31.81906"	81°07'28.62492"	P-593	20	22°11'02.02407"	81°10'21.10769"
P-544	20	22°09'30.85041"	81°07'21.73014"	P-594	20	22°11'03.85308"	81°10'14.43025"
P-545	20	22°09'31.52840"	81°07'14.82399"	P-595	20	22°11'05.21009"	81°10'07.64643"
P-546	20	22°09'29.53851"	81°07'08.39344"	P-596	20	22°11'05.27874"	81°10'06.61551"
P-547	20	22°09'30.03812"	81°07'01.61614"	P-597	20	22°10'49.80476"	81°11'10.12492"
P-548	20	22°09'26.63319"	81°06'56.08239"	P-598	20	22°10'50.58839"	81°11'03.46214"
P-549	20	22°09'22.07635"	81°06'51.10379"	P-599	20	22°10'52.60258"	81°10'56.97541"
P-550	20	22°09'21.44473"	81°06'50.51469"	P-600	20	22°10'57.14752"	81°10'52.01673"
P-601	20	22°10'59.32413"	81°10'48.48443"	P-651	20	22°09'30.05443"	81°07'01.67248"
P-602	20	22°11'05.27874"	81°10'06.61551"	P-652	20	22°09'26.70118"	81°06'56.13777"
P-603	20	22°11'06.04917"	81°09'59.68441"	P-653	20	22°09'22.15131"	81°06'51.15163"
P-604	20	22°11'09.18990"	81°09'53.64870"	P-654	20	22°09'21.45625"	81°06'50.50228"
P-605	20	22°11'11.58613"	81°09'47.28726"	P-655	21	22°12'08.78398"	81°08'30.32984"
P-606	20	22°11'12.19846"	81°09'40.33511"	P-656	21	22°12'12.31973"	81°08'35.99430"
P-607	20	22°11'11.38743"	81°09'33.53310"	P-657	21	22°12'18.50118"	81°08'38.01647"
P-608	20	22°11'07.08941"	81°09'28.33369"	P-658	21	22°12'24.67230"	81°08'37.95816"
P-609	20	22°11'06.08910"	81°09'27.29828"	P-659	21	22°12'28.45109"	81°08'43.58905"
P-610	20	22°11'06.08910"	81°09'27.29828"	P-660	21	22°12'32.97023"	81°08'48.21083"
P-611	20	22°11'01.14814"	81°09'22.79085"	P-661	21	22°12'38.04388"	81°08'52.35587"
P-612	20	22°10'55.40671"	81°09'24.99554"	P-662	21	22°12'38.07485"	81°08'52.40551"
P-613	20	22°10'49.43329"	81°09'24.41330"	P-663	21	22°12'38.07485"	81°08'52.40551"
P-614	20	22°10'46.94223"	81°09'23.17512"	P-664	21	22°12'41.25405"	81°08'58.47173"
P-615	20	22°10'46.94223"	81°09'23.17512"	P-665	21	22°12'41.40568"	81°09'05.34765"
P-616	20	22°10'46.31446"	81°09'22.84963"	P-666	21	22°12'44.17735"	81°09'11.44102"
P-617	20	22°10'20.48283"	81°08'47.30078"	P-667	21	22°12'49.15587"	81°09'15.80428"
P-618	20	22°10'21.82096"	81°08'40.49203"	P-668	21	22°12'54.41133"	81°09'19.88159"
P-619	20	22°10'19.22554"	81°08'34.28074"	P-669	21	22°12'59.85848"	81°09'23.58691"
P-620	20	22°10'16.54922"	81°08'32.46769"	P-670	21	22°13'05.77028"	81°09'26.03061"
P-621	20	22°10'46.31446"	81°09'22.84963"	P-671	21	22°13'05.77028"	81°09'26.03061"
P-622	20	22°10'41.94464"	81°09'18.24913"	P-672	21	22°13'09.60731"	81°09'31.65002"
P-623	20	22°10'37.97427"	81°09'13.58212"	P-673	21	22°13'13.42704"	81°09'37.25043"
P-624	20	22°10'31.84146"	81°09'11.27977"	P-674	21	22°13'15.50180"	81°09'42.06280"
P-625	20	22°10'26.24101"	81°09'07.73160"	P-675	21	22°13'20.86861"	81°10'06.44705"
P-626	20	22°10'21.77789"	81°09'02.77593"	P-676	21	22°13'23.92259"	81°10'12.57404"
P-627	20	22°10'20.29254"	81°08'56.04756"	P-677	21	22°13'25.27546"	81°10'15.34061"
P-628	20	22°10'20.13011"	81°08'49.07580"	P-678	21	22°13'15.50180"	81°09'42.06280"
P-629	20	22°10'20.48283"	81°08'47.30078"	P-679	21	22°13'13.11662"	81°09'48.28721"
P-630	20	22°10'16.54922"	81°08'32.46769"	P-680	21	22°13'13.94821"	81°09'54.36101"
P-631	20	22°10'10.76192"	81°08'29.40470"	P-681	21	22°13'18.01621"	81°09'59.74060"
P-632	20	22°10'07.62908"	81°08'23.35017"	P-682	21	22°13'20.81719"	81°10'05.97837"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-633	20	22°10'06.35391"	81°08'16.62683"	P-683	21	22°13'20.86861"	81°10'06.44705"
P-634	20	22°10'06.88377"	81°08'10.23663"	P-684	21	22°11'55.95542"	81°08'28.87428"
P-635	20	22°10'06.88377"	81°08'10.23663"	P-685	21	22°12'01.54906"	81°08'29.02682"
P-636	20	22°10'05.69103"	81°08'03.51854"	P-686	21	22°12'01.54906"	81°08'29.02682"
P-637	20	22°10'00.56896"	81°07'59.42913"	P-687	21	22°12'05.06039"	81°08'29.03929"
P-638	20	22°09'54.65043"	81°07'56.70282"	P-688	22	22°10'37.55135"	81°12'31.84841"
P-639	20	22°09'48.55019"	81°07'56.17198"	P-689	22	22°10'42.54314"	81°12'27.69722"
P-640	20	22°09'42.36869"	81°07'54.18369"	P-690	22	22°10'47.08655"	81°12'31.81538"
P-641	20	22°09'39.75147"	81°07'48.91443"	P-691	22	22°10'48.86659"	81°12'38.50993"
P-642	20	22°09'39.75147"	81°07'48.91443"	P-692	22	22°10'29.96345"	81°12'29.32095"
P-643	20	22°09'38.89396"	81°07'42.32811"	P-693	22	22°10'30.90403"	81°12'29.51943"
P-644	20	22°09'35.84287"	81°07'36.16132"	P-694	22	22°10'51.11041"	81°12'40.31935"
P-645	20	22°09'32.37858"	81°07'30.26213"	P-695	22	22°10'57.16983"	81°12'40.44797"
P-646	20	22°09'31.83552"	81°07'28.62316"	P-696	22	22°11'44.21397"	81°12'35.75989"
P-647	20	22°09'31.83552"	81°07'28.62316"	P-697	22	22°11'25.83722"	81°12'44.40253"
P-648	20	22°09'30.86669"	81°07'21.72844"	P-698	22	22°11'32.31060"	81°12'43.88326"
P-649	20	22°09'31.57206"	81°07'14.82059"	P-699	22	22°11'00.76686"	81°12'40.59528"
P-650	20	22°09'29.57579"	81°07'08.44242"	P-700	22	22°11'06.31425"	81°12'43.35127"
P-701	22	22°11'12.30002"	81°12'43.08959"	P-751	27	22°17'02.49401"	81°17'01.81483"
P-702	22	22°11'15.23571"	81°12'41.39426"	P-752	27	22°17'04.17574"	81°17'01.11354"
P-703	23	22°11'27.83805"	81°13'32.39662"	P-753	27	22°17'04.17574"	81°17'01.11354"
P-704	23	22°11'29.90712"	81°13'33.42953"	P-754	27	22°17'10.26436"	81°16'58.66957"
P-705	23	22°11'38.66738"	81°13'40.48538"	P-755	27	22°17'10.97634"	81°16'58.44731"
P-706	23	22°11'42.85446"	81°13'45.82591"	P-756	28	22°17'24.68155"	81°16'24.39275"
P-707	23	22°11'46.56193"	81°13'51.55933"	P-757	28	22°17'22.18990"	81°16'18.07202"
P-708	23	22°11'50.74813"	81°13'56.78187"	P-758	28	22°17'21.72541"	81°16'11.19144"
P-709	23	22°11'57.07373"	81°13'57.91389"	P-759	28	22°17'23.06264"	81°16'04.72371"
P-710	23	22°12'03.56846"	81°13'58.20851"	P-760	28	22°17'23.06264"	81°16'04.72371"
P-711	23	22°12'09.45882"	81°14'00.81456"	P-761	28	22°17'23.38547"	81°16'02.23959"
P-712	23	22°12'15.21295"	81°14'03.92906"	P-762	29	22°18'10.05811"	81°14'50.14057"
P-713	23	22°12'21.46542"	81°14'05.84433"	P-763	29	22°18'08.21663"	81°14'56.72534"
P-714	23	22°11'33.25230"	81°13'36.53264"	P-764	29	22°18'06.90731"	81°15'03.44970"
P-715	23	22°12'21.84719"	81°14'05.92370"	P-765	29	22°18'05.28339"	81°15'10.20043"
P-716	23	22°12'28.12945"	81°14'05.48841"	P-766	29	22°18'03.58569"	81°15'16.01673"
P-717	23	22°12'34.04488"	81°14'06.52213"	P-767	29	22°18'09.53027"	81°15'17.37251"
P-718	23	22°12'34.30530"	81°14'06.76160"	P-768	29	22°18'10.66718"	81°15'16.61469"
P-719	24	22°12'07.69398"	81°15'26.77700"	P-769	30	22°19'22.42053"	81°17'24.23962"
P-720	24	22°12'08.26478"	81°15'21.64585"	P-770	30	22°19'20.12202"	81°17'22.03926"
P-721	24	22°12'03.21962"	81°15'17.34230"	P-771	30	22°19'20.12202"	81°17'22.03926"
P-722	24	22°11'58.44286"	81°15'12.60606"	P-772	30	22°19'15.25710"	81°17'21.26389"
P-723	24	22°11'58.66440"	81°15'00.02970"	P-773	30	22°19'09.80826"	81°17'17.48394"
P-724	24	22°11'58.66440"	81°15'00.02970"	P-774	30	22°19'04.06885"	81°17'14.87244"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-725	24	22°11'58.11033"	81°14'53.47204"	P-775	30	22°18'58.28064"	81°17'17.08074"
P-726	24	22°11'54.25050"	81°14'47.92380"	P-776	30	22°18'53.52232"	81°17'19.83716"
P-727	24	22°11'51.56454"	81°14'44.11986"	P-777	30	22°18'50.77040"	81°17'15.70996"
P-728	24	22°11'33.65043"	81°14'39.31370"	P-778	30	22°18'49.77712"	81°17'09.13242"
P-729	24	22°11'28.26431"	81°14'41.99107"	P-779	30	22°18'45.79450"	81°17'03.66539"
P-730	24	22°11'25.07545"	81°14'47.23044"	P-780	30	22°18'42.17301"	81°16'57.97784"
P-731	24	22°11'50.12952"	81°14'43.20225"	P-781	30	22°18'39.31057"	81°16'53.80919"
P-732	24	22°11'45.35788"	81°14'38.85764"	P-782	30	22°18'24.55896"	81°16'47.44068"
P-733	24	22°11'39.25780"	81°14'38.86491"	P-783	30	22°18'18.69915"	81°16'44.96385"
P-734	24	22°11'38.82368"	81°14'39.32516"	P-784	30	22°18'15.65955"	81°16'40.44117"
P-735	25	22°12'18.05323"	81°15'55.89294"	P-785	30	22°18'09.40746"	81°16'38.96158"
P-736	25	22°12'17.94315"	81°15'51.86215"	P-786	30	22°18'03.09515"	81°16'38.89848"
P-737	25	22°12'17.94315"	81°15'51.86215"	P-787	30	22°17'56.67848"	81°16'39.61994"
P-738	25	22°12'13.26696"	81°15'47.20444"	P-788	30	22°17'51.41339"	81°16'43.54198"
P-739	25	22°12'08.20140"	81°15'42.83917"	P-789	30	22°17'45.73122"	81°16'44.31883"
P-740	25	22°12'07.57758"	81°15'42.21506"	P-790	30	22°17'45.75652"	81°16'45.19906"
P-741	26	22°14'48.17061"	81°15'03.48691"	P-791	30	22°18'39.31057"	81°16'53.80919"
P-742	26	22°14'51.12480"	81°15'09.67765"	P-792	30	22°18'34.25581"	81°16'49.84020"
P-743	26	22°14'53.13605"	81°15'16.10658"	P-793	30	22°18'27.80765"	81°16'49.82318"
P-744	26	22°14'53.86656"	81°15'18.89119"	P-794	30	22°18'24.55896"	81°16'47.44068"
P-745	26	22°15'04.36582"	81°15'40.69662"	P-795	30	22°17'45.75652"	81°16'45.19906"
P-746	26	22°15'06.95111"	81°15'46.85789"	P-796	30	22°17'47.89937"	81°16'51.49224"
P-747	26	22°15'10.86443"	81°15'52.35776"	P-797	30	22°17'48.70371"	81°16'58.40587"
P-748	26	22°15'14.56874"	81°15'57.02413"	P-798	30	22°17'46.96745"	81°17'02.46998"
P-749	26	22°14'54.22314"	81°15'19.34328"	P-799	30	22°17'41.54762"	81°17'06.64604"
P-750	27	22°16'56.20682"	81°17'02.81987"	P-800	30	22°17'35.60574"	81°17'07.79746"
P-801	30	22°17'30.08859"	81°17'10.44714"	P-851	32	22°19'28.12907"	81°15'05.11580"
P-802	30	22°17'34.79026"	81°17'14.01862"	P-852	32	22°19'28.12907"	81°15'05.11580"
P-803	30	22°17'41.04905"	81°17'15.56142"	P-853	32	22°19'34.29445"	81°15'04.16881"
P-804	30	22°17'47.29419"	81°17'16.51995"	P-854	32	22°19'40.26566"	81°15'02.33007"
P-805	30	22°17'50.07032"	81°17'21.53877"	P-855	32	22°19'39.71291"	81°14'57.14027"
P-806	30	22°17'50.07032"	81°17'21.53877"	P-856	32	22°19'38.68095"	81°14'56.39209"
P-807	30	22°17'51.02634"	81°17'24.35129"	P-857	32	22°19'44.41645"	81°14'49.48802"
P-808	31	22°18'15.75739"	81°18'15.72065"	P-858	32	22°19'50.65122"	81°14'48.09514"
P-809	31	22°18'01.47669"	81°17'47.33726"	P-859	32	22°19'56.46032"	81°14'45.72943"
P-810	31	22°18'04.16781"	81°17'53.66313"	P-860	32	22°20'01.01473"	81°14'42.25817"
P-811	31	22°18'06.97784"	81°17'59.92537"	P-861	32	22°20'03.24662"	81°14'36.13126"
P-812	31	22°18'11.23107"	81°18'05.20525"	P-862	32	22°20'09.66209"	81°14'35.00741"
P-813	31	22°18'14.23625"	81°18'11.33642"	P-863	32	22°20'16.10895"	81°14'34.89298"
P-814	31	22°18'15.75739"	81°18'15.72065"	P-864	32	22°20'17.35833"	81°14'33.66289"
P-815	31	22°18'16.08301"	81°18'21.14438"	P-865	32	22°11'51.56454"	81°14'44.11986"
P-816	31	22°18'15.22997"	81°18'28.06657"	P-866	32	22°11'50.12952"	81°14'43.20225"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-817	31	22°18'13.93242"	81°18'31.03517"	P-867	33	22°20'35.66473"	81°13'18.79652"
P-818	31	22°18'03.77823"	81°18'32.87856"	P-868	33	22°20'32.77418"	81°13'12.80998"
P-819	31	22°17'58.52969"	81°18'36.28616"	P-869	33	22°20'32.04043"	81°13'11.92390"
P-820	31	22°17'57.08376"	81°18'41.88956"	P-870	33	22°20'40.45005"	81°13'35.20047"
P-821	31	22°18'15.75739"	81°18'15.72065"	P-871	33	22°20'38.55153"	81°13'28.51639"
P-822	31	22°18'20.63852"	81°18'11.74822"	P-872	33	22°20'35.70750"	81°13'22.29388"
P-823	31	22°18'22.74619"	81°18'06.07377"	P-873	33	22°20'35.66473"	81°13'18.79652"
P-824	31	22°18'24.99964"	81°17'59.83947"	P-874	34	22°20'28.20579"	81°12'20.74804"
P-825	31	22°18'15.16873"	81°18'25.18768"	P-875	34	22°20'28.58220"	81°12'14.84802"
P-826	31	22°18'16.01454"	81°18'18.31014"	P-876	34	22°20'28.58220"	81°12'14.84802"
P-827	31	22°18'15.75739"	81°18'15.72065"	P-877	34	22°20'30.67253"	81°12'08.42526"
P-828	31	22°17'56.94634"	81°18'41.67099"	P-878	34	22°20'30.33468"	81°12'01.95399"
P-829	31	22°17'59.51720"	81°18'35.83264"	P-879	34	22°20'26.25074"	81°11'57.61775"
P-830	31	22°18'03.81535"	81°18'32.20793"	P-880	34	22°20'24.77920"	81°11'51.14064"
P-831	31	22°18'24.86886"	81°17'58.65784"	P-881	34	22°20'19.98999"	81°11'46.55571"
P-832	31	22°18'29.10400"	81°17'54.96849"	P-882	34	22°20'18.97733"	81°11'40.63544"
P-833	31	22°18'34.02881"	81°17'50.68442"	P-883	34	22°20'24.36781"	81°11'37.57277"
P-834	31	22°18'39.85761"	81°17'49.78806"	P-884	34	22°20'22.41853"	81°11'31.48784"
P-835	31	22°18'45.29126"	81°17'52.91553"	P-885	34	22°20'21.17982"	81°11'25.03759"
P-836	31	22°18'47.41816"	81°17'59.30774"	P-886	34	22°20'22.69320"	81°11'20.05395"
P-837	31	22°18'49.55680"	81°18'01.98514"	P-887	34	22°20'22.69320"	81°11'20.05395"
P-838	32	22°18'37.90676"	81°14'58.20392"	P-888	34	22°20'24.75221"	81°11'13.42301"
P-839	32	22°18'43.48503"	81°14'54.61246"	P-889	34	22°20'28.02560"	81°11'07.57593"
P-840	32	22°18'49.24210"	81°14'54.10286"	P-890	34	22°20'32.15013"	81°11'02.19112"
P-841	32	22°18'55.54552"	81°14'55.40479"	P-891	34	22°20'36.42802"	81°10'56.93108"
P-842	32	22°19'01.87873"	81°14'55.38128"	P-892	34	22°20'40.50024"	81°10'51.51579"
P-843	32	22°19'04.37134"	81°14'56.67614"	P-893	34	22°20'42.60216"	81°10'48.93351"
P-844	32	22°19'38.68095"	81°14'56.39209"	P-894	35	22°20'05.09639"	81°09'02.92942"
P-845	32	22°19'37.50945"	81°14'51.64429"	P-895	35	22°20'02.39146"	81°08'56.65669"
P-846	32	22°19'43.69110"	81°14'49.65982"	P-896	35	22°20'00.98821"	81°08'49.86512"
P-847	32	22°19'09.43465"	81°14'59.61723"	P-897	35	22°20'00.08901"	81°08'47.53709"
P-848	32	22°19'15.66954"	81°15'01.34324"	P-898	35	22°20'00.08901"	81°08'47.53709"
P-849	32	22°19'19.50075"	81°15'06.12963"	P-899	35	22°19'56.89211"	81°08'41.48553"
P-850	32	22°19'24.69807"	81°15'03.90466"	P-900	35	22°19'55.57298"	81°08'39.05710"
P-901	36	22°21'35.75852"	81°12'09.32514"	P-951	37	22°23'16.11027"	81°12'17.23163"
P-902	36	22°21'35.08221"	81°12'14.68687"	P-952	37	22°23'16.11027"	81°12'17.23163"
P-903	36	22°21'33.26875"	81°12'21.26778"	P-953	37	22°23'18.82996"	81°12'23.56460"
P-904	36	22°21'29.25252"	81°12'26.66473"	P-954	37	22°23'24.42875"	81°12'22.79000"
P-905	36	22°21'24.22681"	81°12'30.79280"	P-955	37	22°23'26.45086"	81°12'20.86937"
P-906	36	22°21'18.85068"	81°12'34.60218"	P-956	37	22°22'49.74393"	81°11'51.77058"
P-907	36	22°21'15.51189"	81°12'37.52515"	P-957	37	22°22'52.49335"	81°11'50.80860"
P-908	36	22°21'24.54141"	81°12'29.85697"	P-958	37	22°23'29.40876"	81°12'16.69873"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-909	36	22°21'29.75033"	81°12'25.93883"	P-959	37	22°23'25.43099"	81°12'13.05497"
P-910	36	22°21'33.46325"	81°12'20.21633"	P-960	37	22°23'19.81436"	81°12'09.62265"
P-911	36	22°21'35.04882"	81°12'13.55475"	P-961	37	22°23'14.20003"	81°12'06.10114"
P-912	36	22°21'35.75852"	81°12'09.32514"	P-962	37	22°23'08.58292"	81°12'02.67147"
P-913	36	22°21'15.23969"	81°12'37.31307"	P-963	37	22°23'04.74350"	81°11'58.79039"
P-914	36	22°21'20.20790"	81°12'32.86341"	P-964	37	22°23'09.14901"	81°11'53.70143"
P-915	36	22°21'24.54141"	81°12'29.85697"	P-965	37	22°23'08.81276"	81°11'46.76858"
P-916	37	22°21'32.42757"	81°12'46.05849"	P-966	37	22°23'07.83735"	81°11'39.89164"
P-917	37	22°21'33.90454"	81°12'39.43301"	P-967	37	22°23'07.79216"	81°11'32.96606"
P-918	37	22°21'36.11232"	81°12'33.40636"	P-968	37	22°23'11.17054"	81°11'29.28459"
P-919	37	22°21'37.09186"	81°12'30.81622"	P-969	37	22°23'11.17054"	81°11'29.28459"
P-920	37	22°21'37.09186"	81°12'30.81622"	P-970	37	22°23'12.22411"	81°11'28.37402"
P-921	37	22°21'42.86485"	81°12'30.04974"	P-971	38	22°26'22.50071"	81°11'13.56716"
P-922	37	22°21'48.65622"	81°12'27.19831"	P-972	38	22°26'28.83447"	81°11'15.15173"
P-923	37	22°21'54.48236"	81°12'27.18568"	P-973	38	22°26'35.13614"	81°11'16.86841"
P-924	37	22°21'54.83334"	81°12'33.78472"	P-974	38	22°26'35.71608"	81°11'17.15011"
P-925	37	22°22'00.11022"	81°12'31.58404"	P-975	38	22°27'02.04299"	81°11'24.23670"
P-926	37	22°22'06.48716"	81°12'30.63067"	P-976	38	22°27'04.50871"	81°11'23.69451"
P-927	37	22°22'12.95790"	81°12'30.74786"	P-977	39	22°27'40.30634"	81°11'25.22986"
P-928	37	22°22'18.97080"	81°12'28.64674"	P-978	39	22°27'46.75905"	81°11'25.87963"
P-929	37	22°22'22.91771"	81°12'23.16139"	P-979	39	22°27'53.09785"	81°11'27.34336"
P-930	37	22°22'27.23448"	81°12'23.09395"	P-980	39	22°27'58.84669"	81°11'30.47679"
P-931	37	22°22'56.52775"	81°11'59.23717"	P-981	39	22°28'01.87693"	81°11'36.55903"
P-932	37	22°22'54.40648"	81°11'53.88155"	P-982	39	22°28'01.96168"	81°11'41.55310"
P-933	37	22°22'53.64356"	81°11'53.08970"	P-983	39	22°28'01.96168"	81°11'41.55310"
P-934	37	22°22'27.23448"	81°12'23.09395"	P-984	39	22°27'59.57840"	81°11'45.77138"
P-935	37	22°22'31.82934"	81°12'21.24259"	P-985	39	22°27'59.57840"	81°11'45.77138"
P-936	37	22°22'35.15294"	81°12'16.61513"	P-986	39	22°27'54.86225"	81°11'50.58533"
P-937	37	22°22'40.71774"	81°12'19.96898"	P-987	39	22°27'50.83574"	81°11'55.82233"
P-938	37	22°22'46.16357"	81°12'17.53197"	P-988	39	22°27'46.50478"	81°12'00.97421"
P-939	37	22°22'52.18303"	81°12'15.84623"	P-989	39	22°27'44.24922"	81°12'03.44078"
P-940	37	22°22'53.48313"	81°12'09.96590"	P-990	39	22°27'44.24922"	81°12'03.44078"
P-941	37	22°22'53.80582"	81°12'03.92449"	P-991	39	22°27'38.80811"	81°12'07.23683"
P-942	37	22°22'53.34799"	81°11'52.81032"	P-992	39	22°27'34.81451"	81°12'12.65470"
P-943	37	22°22'49.74393"	81°11'51.77058"	P-993	39	22°27'31.78152"	81°12'16.79825"
P-944	37	22°23'26.45086"	81°12'20.86937"	P-994	39	22°26'58.00937"	81°13'02.31196"
P-945	37	22°22'54.07195"	81°11'51.12981"	P-995	39	22°26'59.22086"	81°13'09.06916"
P-946	37	22°22'58.86181"	81°11'55.64547"	P-996	39	22°26'59.08033"	81°13'09.47518"
P-947	37	22°22'59.91147"	81°12'02.47887"	P-997	39	22°18'04.27795"	81°18'32.35169"
P-948	37	22°23'05.04720"	81°12'04.41175"	P-998	39	22°18'04.40722"	81°18'32.05922"
P-949	37	22°23'10.63403"	81°12'07.74934"	P-999	40	22°26'20.24593"	81°13'22.35228"
P-950	37	22°23'14.54635"	81°12'13.06824"	P-1000	40	22°26'13.90882"	81°13'22.06100"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1001	40	22°26'07.57071"	81°13'23.28041"	P-1051	40	22°22'54.80227"	81°13'56.53361"
P-1002	40	22°26'03.23530"	81°13'22.76097"	P-1052	40	22°22'50.40927"	81°13'59.93309"
P-1003	40	22°25'38.21715"	81°13'22.69956"	P-1053	40	22°22'53.65070"	81°13'55.80006"
P-1004	40	22°25'31.90665"	81°13'24.31751"	P-1054	40	22°22'54.76140"	81°13'56.00033"
P-1005	40	22°25'25.80113"	81°13'26.35695"	P-1055	40	22°22'47.90043"	81°13'59.82996"
P-1006	40	22°25'21.32970"	81°13'30.42287"	P-1056	40	22°22'42.10616"	81°13'57.02415"
P-1007	40	22°25'15.21952"	81°13'30.54929"	P-1057	40	22°22'37.65917"	81°13'57.51950"
P-1008	40	22°25'09.04380"	81°13'28.54347"	P-1058	41	22°22'30.07556"	81°14'29.87890"
P-1009	40	22°25'04.54764"	81°13'26.94530"	P-1059	41	22°22'30.14360"	81°14'32.12520"
P-1010	40	22°26'03.23530"	81°13'22.76097"	P-1060	41	22°22'30.14360"	81°14'32.12520"
P-1011	40	22°25'56.92759"	81°13'21.39246"	P-1061	41	22°22'30.22010"	81°14'39.11676"
P-1012	40	22°25'50.74827"	81°13'19.80691"	P-1062	41	22°22'30.05687"	81°14'46.10383"
P-1013	40	22°25'44.27568"	81°13'19.82151"	P-1063	41	22°22'29.31896"	81°14'53.03793"
P-1014	40	22°25'38.35093"	81°13'22.64926"	P-1064	41	22°22'28.95573"	81°15'00.00890"
P-1015	40	22°25'38.21715"	81°13'22.69956"	P-1065	41	22°22'29.39635"	81°15'06.98218"
P-1016	40	22°24'17.95275"	81°13'28.91169"	P-1066	41	22°22'29.84285"	81°15'13.80402"
P-1017	40	22°24'16.54352"	81°13'28.53192"	P-1067	42	22°22'22.30779"	81°16'08.39588"
P-1018	40	22°25'04.54764"	81°13'26.94530"	P-1068	42	22°22'20.92901"	81°16'15.20235"
P-1019	40	22°24'58.66753"	81°13'24.01566"	P-1069	42	22°22'19.75014"	81°16'22.00216"
P-1020	40	22°24'52.32876"	81°13'22.47106"	P-1070	42	22°22'19.75107"	81°16'28.96853"
P-1021	40	22°24'45.86262"	81°13'21.73054"	P-1071	42	22°22'18.21498"	81°16'35.75625"
P-1022	40	22°24'39.48915"	81°13'22.56598"	P-1072	42	22°22'15.83137"	81°16'40.23411"
P-1023	40	22°24'33.44463"	81°13'24.64876"	P-1073	42	22°22'15.83137"	81°16'40.23411"
P-1024	40	22°24'27.33689"	81°13'24.78313"	P-1074	42	22°22'14.40586"	81°16'45.10114"
P-1025	40	22°24'24.80937"	81°13'27.02740"	P-1075	42	22°22'14.40586"	81°16'45.10114"
P-1026	40	22°24'25.64159"	81°13'28.69575"	P-1076	42	22°22'12.18969"	81°16'51.67480"
P-1027	40	22°24'20.55849"	81°13'28.15674"	P-1077	42	22°22'12.10337"	81°16'58.61808"
P-1028	40	22°24'17.95275"	81°13'28.91169"	P-1078	42	22°22'12.41521"	81°17'05.58544"
P-1029	40	22°23'44.98806"	81°13'23.45060"	P-1079	42	22°22'12.42523"	81°17'07.54383"
P-1030	40	22°23'38.98391"	81°13'24.38497"	P-1080	42	22°22'10.53715"	81°17'26.80038"
P-1031	40	22°23'34.83801"	81°13'29.62565"	P-1081	42	22°22'12.29106"	81°17'09.38636"
P-1032	40	22°23'31.53715"	81°13'33.34178"	P-1082	42	22°22'11.97748"	81°17'16.34653"
P-1033	40	22°23'26.61172"	81°13'36.84397"	P-1083	42	22°22'11.16133"	81°17'23.28229"
P-1034	40	22°23'26.52348"	81°13'37.30863"	P-1084	42	22°22'10.53801"	81°17'26.79945"
P-1035	40	22°24'16.54352"	81°13'28.53192"	P-1085	42	22°22'14.44801"	81°17'25.06355"
P-1036	40	22°24'10.67555"	81°13'29.56976"	P-1086	42	22°22'10.11521"	81°17'28.63777"
P-1037	40	22°24'05.56810"	81°13'25.95306"	P-1087	42	22°22'04.02753"	81°17'27.65949"
P-1038	40	22°24'00.35276"	81°13'28.44175"	P-1088	42	22°22'02.58729"	81°17'27.32114"
P-1039	40	22°23'55.04187"	81°13'27.30149"	P-1089	42	22°22'02.58729"	81°17'27.32114"
P-1040	40	22°23'49.15492"	81°13'24.58386"	P-1090	42	22°21'56.49598"	81°17'24.94347"
P-1041	40	22°23'44.98806"	81°13'23.45060"	P-1091	42	22°21'51.89932"	81°17'25.83190"
P-1042	40	22°23'26.52348"	81°13'37.30863"	P-1092	42	22°21'50.00506"	81°17'32.12275"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1043	40	22°23'26.22367"	81°13'42.52453"	P-1093	42	22°21'51.08349"	81°17'39.00057"
P-1044	40	22°23'21.31160"	81°13'44.63568"	P-1094	42	22°21'51.45398"	81°17'45.69696"
P-1045	40	22°23'15.68546"	81°13'41.27552"	P-1095	42	22°21'46.95116"	81°17'50.29574"
P-1046	40	22°23'09.94083"	81°13'43.86694"	P-1096	42	22°21'42.17452"	81°17'55.02347"
P-1047	40	22°23'08.34330"	81°13'49.84488"	P-1097	42	22°21'38.07425"	81°18'00.41926"
P-1048	40	22°23'02.81712"	81°13'51.52355"	P-1098	42	22°21'34.67720"	81°18'06.30487"
P-1049	40	22°22'57.38174"	81°13'54.38309"	P-1099	42	22°21'33.13717"	81°18'11.28119"
P-1050	40	22°22'54.80227"	81°13'56.53361"	P-1100	42	22°21'26.71914"	81°18'22.43345"
P-1101	42	22°21'20.46564"	81°18'23.93579"	P-1151	46	22°22'37.33926"	81°17'38.92555"
P-1102	42	22°21'14.05557"	81°18'24.00877"	P-1152	46	22°22'39.15037"	81°17'35.91552"
P-1103	42	22°21'07.65863"	81°18'25.06637"	P-1153	46	22°23'04.19827"	81°17'22.62396"
P-1104	42	22°21'01.47340"	81°18'27.21998"	P-1154	46	22°22'39.64943"	81°17'35.37213"
P-1105	42	22°20'55.23326"	81°18'29.18633"	P-1155	46	22°22'42.75719"	81°17'33.26889"
P-1106	42	22°20'48.76866"	81°18'28.68974"	P-1156	47	22°23'32.89207"	81°15'36.04082"
P-1107	42	22°20'44.06887"	81°18'30.22779"	P-1157	47	22°23'31.27530"	81°15'42.72774"
P-1108	42	22°20'40.76039"	81°18'28.31868"	P-1158	47	22°23'29.54497"	81°15'46.50252"
P-1109	42	22°21'33.13717"	81°18'11.28119"	P-1159	47	22°23'29.54497"	81°15'46.50252"
P-1110	42	22°21'31.83011"	81°18'18.11265"	P-1160	47	22°23'26.18267"	81°15'52.44607"
P-1111	42	22°21'27.53026"	81°18'22.26262"	P-1161	47	22°23'22.11388"	81°15'57.86617"
P-1112	42	22°21'26.71914"	81°18'22.43345"	P-1162	47	22°23'18.82678"	81°16'03.85680"
P-1113	42	22°20'40.76039"	81°18'28.31868"	P-1163	47	22°23'15.80234"	81°16'10.00616"
P-1114	42	22°20'39.34685"	81°18'27.55740"	P-1164	47	22°23'14.70161"	81°16'16.60044"
P-1115	42	22°20'36.59770"	81°18'26.40122"	P-1165	47	22°23'16.45539"	81°16'23.12944"
P-1116	42	22°20'31.28640"	81°18'21.52981"	P-1166	47	22°23'15.46773"	81°16'27.26037"
P-1117	42	22°20'29.47026"	81°18'15.00580"	P-1167	47	22°23'15.22197"	81°16'27.39578"
P-1118	42	22°20'28.72185"	81°18'08.12211"	P-1168	47	22°23'16.08409"	81°16'20.56990"
P-1119	42	22°20'23.90380"	81°18'04.08280"	P-1169	47	22°23'14.23700"	81°16'14.17588"
P-1120	42	22°20'18.53748"	81°18'00.39813"	P-1170	47	22°23'16.25150"	81°16'08.17785"
P-1121	42	22°20'13.88353"	81°17'55.58305"	P-1171	47	22°23'16.25150"	81°16'08.17785"
P-1122	42	22°20'08.87509"	81°17'52.13183"	P-1172	47	22°23'19.65431"	81°16'02.26196"
P-1123	42	22°20'06.56946"	81°17'46.08048"	P-1173	47	22°23'22.94651"	81°15'56.24908"
P-1124	42	22°20'05.08474"	81°17'40.47529"	P-1174	47	22°23'27.08783"	81°15'50.87430"
P-1125	42	22°20'05.08474"	81°17'40.47529"	P-1175	47	22°23'30.12127"	81°15'44.70841"
P-1126	42	22°20'02.41283"	81°17'34.29154"	P-1176	47	22°23'32.16043"	81°15'38.18326"
P-1127	42	22°20'00.33407"	81°17'31.40750"	P-1177	47	22°23'32.66255"	81°15'36.02074"
P-1128	43	22°20'00.54990"	81°18'33.97495"	P-1178	47	22°23'24.17043"	81°17'27.35752"
P-1129	43	22°20'05.27396"	81°18'38.25821"	P-1179	47	22°23'24.92134"	81°17'33.65161"
P-1130	43	22°20'11.34958"	81°18'40.56710"	P-1180	47	22°23'25.15464"	81°17'33.92691"
P-1131	43	22°20'17.07368"	81°18'39.45596"	P-1181	47	22°23'16.60808"	81°16'32.16590"
P-1132	43	22°20'23.05072"	81°18'41.99674"	P-1182	47	22°23'16.46077"	81°16'32.55781"
P-1133	43	22°20'24.56245"	81°18'42.33072"	P-1183	47	22°23'24.00570"	81°16'55.60104"
P-1134	44	22°20'37.64074"	81°18'44.02931"	P-1184	47	22°23'23.66408"	81°16'55.61644"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1135	44	22°20'43.59425"	81°18'46.19628"	P-1185	48	22°23'05.32758"	81°19'02.47266"
P-1136	44	22°20'48.50544"	81°18'50.76499"	P-1186	48	22°22'48.67074"	81°19'10.11820"
P-1137	44	22°20'48.74427"	81°18'51.33643"	P-1187	48	22°22'44.68513"	81°19'15.47426"
P-1138	45	22°21'34.76429"	81°18'58.34957"	P-1188	48	22°22'45.22341"	81°19'17.94201"
P-1139	45	22°21'39.24333"	81°18'54.86814"	P-1189	48	22°22'59.57547"	81°19'02.92237"
P-1140	45	22°21'39.24333"	81°18'54.86814"	P-1190	48	22°22'53.58158"	81°19'02.03634"
P-1141	45	22°21'44.79539"	81°18'52.11087"	P-1191	48	22°22'50.19651"	81°19'07.88032"
P-1142	45	22°21'58.82108"	81°18'31.47202"	P-1192	48	22°22'48.92486"	81°19'09.77733"
P-1143	45	22°21'59.13138"	81°18'31.51786"	P-1193	48	22°22'45.22341"	81°19'17.94201"
P-1144	46	22°22'47.39752"	81°18'06.83068"	P-1194	48	22°22'44.71415"	81°19'19.33481"
P-1145	46	22°22'51.26846"	81°18'01.44402"	P-1195	48	22°22'19.50264"	81°19'42.05903"
P-1146	46	22°22'50.01017"	81°17'55.27607"	P-1196	48	22°22'13.16795"	81°19'43.26933"
P-1147	46	22°22'44.28540"	81°17'52.06493"	P-1197	48	22°22'07.42645"	81°19'46.41941"
P-1148	46	22°22'42.11290"	81°17'51.13002"	P-1198	48	22°22'03.70790"	81°19'52.03182"
P-1149	46	22°22'42.11290"	81°17'51.13002"	P-1199	48	22°22'01.81076"	81°19'58.70352"
P-1150	46	22°22'38.64253"	81°17'45.59490"	P-1200	48	22°21'59.79029"	81°20'05.33329"
P-1201	48	22°21'56.03902"	81°20'11.02846"	P-1251	52	22°24'00.80576"	81°26'56.44212"
P-1202	48	22°21'55.58844"	81°20'11.64092"	P-1252	53	22°21'45.54860"	81°31'35.61123"
P-1203	48	22°21'19.49412"	81°20'55.49961"	P-1253	53	22°21'50.31215"	81°31'30.98190"
P-1204	48	22°21'13.10750"	81°20'55.44687"	P-1254	53	22°21'55.47966"	81°31'26.78507"
P-1205	48	22°21'12.05077"	81°20'55.63351"	P-1255	53	22°22'01.68356"	81°31'25.85338"
P-1206	49	22°23'15.30073"	81°21'21.84232"	P-1256	53	22°22'07.73728"	81°31'24.99210"
P-1207	49	22°23'10.29058"	81°21'21.91631"	P-1257	53	22°22'51.77210"	81°31'02.75961"
P-1208	49	22°22'28.56573"	81°21'33.33317"	P-1258	53	22°22'57.92887"	81°31'02.65309"
P-1209	49	22°22'22.57225"	81°21'33.43672"	P-1259	53	22°22'59.66208"	81°31'01.09367"
P-1210	49	22°22'18.66490"	81°21'31.98637"	P-1260	53	22°22'07.73728"	81°31'24.99210"
P-1211	49	22°24'09.15856"	81°21'12.97746"	P-1261	53	22°22'10.32035"	81°31'24.67535"
P-1212	49	22°24'03.86342"	81°21'09.60719"	P-1262	53	22°22'59.66208"	81°31'01.09367"
P-1213	49	22°24'02.58274"	81°21'09.74298"	P-1263	53	22°23'03.05057"	81°30'59.41393"
P-1214	50	22°21'36.43884"	81°24'57.25863"	P-1264	53	22°23'46.56459"	81°30'26.72687"
P-1215	50	22°21'36.27897"	81°24'56.82139"	P-1265	53	22°23'47.53104"	81°30'23.64043"
P-1216	50	22°21'42.11893"	81°25'34.89519"	P-1266	53	22°24'24.44338"	81°29'29.29768"
P-1217	50	22°21'42.70512"	81°25'33.50289"	P-1267	53	22°24'28.82552"	81°29'24.18752"
P-1218	50	22°21'42.70512"	81°25'33.50289"	P-1268	53	22°24'29.17273"	81°29'23.36875"
P-1219	50	22°21'45.10706"	81°25'27.08441"	P-1269	54	22°17'42.18118"	81°29'41.57937"
P-1220	50	22°21'43.68571"	81°25'20.32081"	P-1270	54	22°17'44.02912"	81°29'40.72826"
P-1221	50	22°21'41.53320"	81°25'13.76587"	P-1271	54	22°17'44.02912"	81°29'40.72826"
P-1222	50	22°21'40.26332"	81°25'06.95747"	P-1272	54	22°17'45.79446"	81°29'41.45439"
P-1223	50	22°21'38.85167"	81°25'00.52229"	P-1273	54	22°17'57.37523"	81°29'38.22503"
P-1224	50	22°21'36.43884"	81°24'57.25863"	P-1274	54	22°18'01.12418"	81°29'41.31010"
P-1225	50	22°21'58.26638"	81°24'17.51046"	P-1275	54	22°18'00.67212"	81°29'43.52574"
P-1226	50	22°22'02.28989"	81°24'12.23562"	P-1276	54	22°18'00.67212"	81°29'43.52574"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1227	50	22°22'03.47884"	81°24'11.64165"	P-1277	54	22°17'56.43778"	81°29'47.95548"
P-1228	50	22°21'46.39396"	81°25'32.12113"	P-1278	54	22°17'56.37689"	81°29'54.75991"
P-1229	50	22°21'42.70512"	81°25'33.50289"	P-1279	54	22°17'55.88608"	81°30'01.71354"
P-1230	50	22°21'42.70512"	81°25'33.50289"	P-1280	54	22°17'54.74813"	81°30'03.29207"
P-1231	50	22°21'46.20445"	81°25'32.48431"	P-1281	55	22°19'52.39779"	81°23'11.29702"
P-1232	51	22°23'37.91934"	81°26'17.93015"	P-1282	55	22°19'46.58733"	81°23'09.62395"
P-1233	51	22°23'31.81312"	81°26'15.58689"	P-1283	55	22°19'40.09686"	81°23'10.07778"
P-1234	51	22°23'26.03058"	81°26'12.55054"	P-1284	55	22°19'33.68084"	81°23'11.09995"
P-1235	51	22°23'19.77811"	81°26'10.71967"	P-1285	55	22°19'29.01702"	81°23'12.47481"
P-1236	51	22°23'14.24431"	81°26'07.45777"	P-1286	55	22°19'14.37321"	81°23'21.07486"
P-1237	51	22°23'08.16809"	81°26'04.97622"	P-1287	55	22°19'09.35884"	81°23'25.52590"
P-1238	51	22°23'05.09099"	81°26'04.44573"	P-1288	55	22°19'05.28874"	81°23'30.92940"
P-1239	52	22°23'09.16980"	81°27'30.51559"	P-1289	55	22°19'01.85365"	81°23'33.45667"
P-1240	52	22°23'14.85102"	81°27'27.12023"	P-1290	55	22°19'14.35198"	81°23'21.06982"
P-1241	52	22°23'20.46043"	81°27'23.87634"	P-1291	55	22°19'09.33818"	81°23'25.52165"
P-1242	52	22°23'26.22462"	81°27'20.79988"	P-1292	55	22°19'05.26962"	81°23'30.92681"
P-1243	52	22°23'31.81751"	81°27'17.31284"	P-1293	55	22°19'01.85292"	81°23'33.43788"
P-1244	52	22°23'36.94644"	81°27'13.02734"	P-1294	55	22°19'52.80749"	81°23'09.47879"
P-1245	52	22°23'42.51369"	81°27'09.76441"	P-1295	55	22°19'46.41577"	81°23'09.62134"
P-1246	52	22°23'48.43868"	81°27'07.70227"	P-1296	55	22°19'39.92532"	81°23'10.07556"
P-1247	52	22°23'51.87244"	81°27'02.36105"	P-1297	55	22°19'33.51360"	81°23'11.12907"
P-1248	52	22°23'53.06791"	81°27'00.62882"	P-1298	55	22°19'29.00683"	81°23'12.45961"
P-1249	52	22°23'53.06791"	81°27'00.62882"	P-1299	56	22°18'30.17676"	81°23'50.09653"
P-1250	52	22°23'58.58486"	81°26'57.02378"	P-1300	56	22°18'28.49966"	81°23'49.88378"
P-1301	56	22°18'28.49966"	81°23'49.88378"	P-1351	58	22°06'04.31736"	81°10'59.60019"
P-1302	56	22°18'25.19103"	81°23'49.44810"	P-1352	58	22°06'04.87268"	81°11'05.30938"
P-1303	56	22°18'25.19103"	81°23'49.44810"	P-1353	58	22°06'11.35350"	81°11'05.76236"
P-1304	56	22°18'18.78689"	81°23'50.00915"	P-1354	58	22°06'17.00387"	81°11'08.89273"
P-1305	56	22°18'12.76838"	81°23'52.65931"	P-1355	58	22°06'20.93119"	81°11'14.36558"
P-1306	56	22°18'07.14783"	81°23'56.15485"	P-1356	58	22°06'26.38158"	81°11'18.17060"
P-1307	56	22°18'01.59549"	81°23'59.77887"	P-1357	58	22°06'26.62715"	81°11'18.33930"
P-1308	56	22°17'55.51920"	81°24'00.65581"	P-1358	59	22°04'28.45758"	81°09'40.01177"
P-1309	56	22°17'50.08875"	81°23'58.54234"	P-1359	59	22°04'33.76408"	81°09'39.19867"
P-1310	56	22°17'45.15154"	81°23'59.95116"	P-1360	59	22°04'39.10058"	81°09'35.97640"
P-1311	56	22°17'40.64492"	81°24'04.67593"	P-1361	59	22°04'43.43573"	81°09'31.52710"
P-1312	56	22°17'35.65030"	81°24'04.51068"	P-1362	59	22°04'49.80162"	81°09'32.77059"
P-1313	56	22°17'34.53953"	81°24'03.36418"	P-1363	59	22°04'56.12240"	81°09'34.37436"
P-1314	56	22°17'34.53953"	81°24'03.36418"	P-1364	59	22°05'02.50694"	81°09'35.46698"
P-1315	56	22°17'28.27082"	81°24'01.91998"	P-1365	59	22°05'03.42037"	81°09'36.41728"
P-1316	56	22°17'21.82049"	81°24'01.02476"	P-1366	59	22°05'03.42037"	81°09'36.41728"
P-1317	56	22°17'15.57638"	81°24'00.00726"	P-1367	59	22°05'09.05049"	81°09'39.30260"
P-1318	56	22°17'10.21208"	81°23'58.11836"	P-1368	59	22°05'15.22421"	81°09'41.09188"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1319	56	22°18'30.16116"	81°23'50.07698"	P-1369	59	22°05'20.10563"	81°09'45.47113"
P-1320	56	22°18'25.19417"	81°23'49.43085"	P-1370	59	22°05'20.95161"	81°09'45.88667"
P-1321	56	22°18'25.19417"	81°23'49.43085"	P-1371	59	22°06'01.36293"	81°09'46.28630"
P-1322	56	22°18'18.78951"	81°23'49.98937"	P-1372	59	22°06'07.75846"	81°09'45.05289"
P-1323	56	22°18'12.77084"	81°23'52.63911"	P-1373	59	22°06'13.65439"	81°09'42.26961"
P-1324	56	22°18'07.14949"	81°23'56.13304"	P-1374	59	22°05'21.61475"	81°09'46.12091"
P-1325	56	22°18'07.10524"	81°23'56.16313"	P-1375	59	22°05'27.99925"	81°09'47.33373"
P-1326	56	22°18'07.10524"	81°23'56.16313"	P-1376	59	22°05'34.43751"	81°09'46.57990"
P-1327	56	22°18'01.55043"	81°23'59.78229"	P-1377	59	22°05'35.80262"	81°09'46.62736"
P-1328	56	22°17'55.49159"	81°24'00.59163"	P-1378	59	22°05'39.15592"	81°09'46.96687"
P-1329	56	22°17'50.04151"	81°23'58.53973"	P-1379	59	22°05'44.95880"	81°09'45.44263"
P-1330	56	22°17'45.11445"	81°23'59.96670"	P-1380	59	22°05'48.92468"	81°09'48.59111"
P-1331	56	22°17'40.61668"	81°24'04.69826"	P-1381	59	22°05'54.87790"	81°09'47.72309"
P-1332	56	22°17'35.62070"	81°24'04.44839"	P-1382	59	22°06'18.37760"	81°09'38.74718"
P-1333	56	22°17'29.75975"	81°24'02.04922"	P-1383	59	22°06'24.26751"	81°09'38.81361"
P-1334	56	22°17'23.30317"	81°24'01.21308"	P-1384	59	22°06'28.63441"	81°09'38.44088"
P-1335	56	22°17'17.06521"	81°23'59.86694"	P-1385	59	22°05'03.48399"	81°09'36.82011"
P-1336	56	22°17'12.23818"	81°24'00.19180"	P-1386	59	22°05'03.42037"	81°09'36.41728"
P-1337	56	22°17'12.23818"	81°24'00.19180"	P-1387	59	22°05'03.42037"	81°09'36.41728"
P-1338	56	22°17'10.22774"	81°23'58.11059"	P-1388	59	22°05'03.33833"	81°09'36.67592"
P-1339	56	22°16'22.20320"	81°23'53.33185"	P-1389	60	21°58'43.15823"	81°08'38.37618"
P-1340	56	22°16'15.70327"	81°23'53.55034"	P-1390	60	21°58'47.82495"	81°08'38.32875"
P-1341	56	22°16'19.92324"	81°23'53.38818"	P-1391	60	21°58'51.29719"	81°08'39.79541"
P-1342	56	22°16'13.42400"	81°23'53.62437"	P-1392	60	21°58'51.29719"	81°08'39.79541"
P-1343	56	22°16'11.50766"	81°23'53.70150"	P-1393	60	21°58'57.00182"	81°08'43.13368"
P-1344	56	22°16'23.62048"	81°23'53.29242"	P-1394	60	21°59'03.14104"	81°08'45.37004"
P-1345	56	22°16'22.22693"	81°23'53.30965"	P-1395	60	21°59'09.53980"	81°08'46.58915"
P-1346	57	22°07'30.71341"	81°11'14.48725"	P-1396	60	21°59'15.96760"	81°08'47.56064"
P-1347	57	22°07'34.24427"	81°11'20.35013"	P-1397	60	21°59'22.22291"	81°08'49.46038"
P-1348	57	22°07'37.25843"	81°11'26.52843"	P-1398	60	21°59'28.10527"	81°08'52.35238"
P-1349	57	22°07'39.15321"	81°11'30.61934"	P-1399	60	21°59'33.56568"	81°08'53.41962"
P-1350	58	22°06'01.96120"	81°10'55.19942"	P-1400	60	21°59'33.56568"	81°08'53.41962"
P-1401	60	21°59'39.99015"	81°08'54.49350"	P-1451	61	21°57'25.06191"	81°08'03.49806"
P-1402	60	21°59'46.42509"	81°08'55.12484"	P-1452	61	21°57'30.21090"	81°08'07.72478"
P-1403	60	21°59'52.13821"	81°08'58.20053"	P-1453	61	21°57'35.11708"	81°08'12.27525"
P-1404	60	21°59'57.64601"	81°09'01.80549"	P-1454	61	21°57'35.93039"	81°08'13.34783"
P-1405	60	22°00'03.81345"	81°09'04.02110"	P-1455	61	21°57'29.74853"	81°07'53.80040"
P-1406	60	22°00'10.01180"	81°09'06.13418"	P-1456	61	21°57'24.51816"	81°07'54.24949"
P-1407	60	22°00'16.23057"	81°09'08.15113"	P-1457	61	21°57'23.32960"	81°07'57.94264"
P-1408	60	22°00'22.31063"	81°09'10.62801"	P-1458	61	21°57'25.03752"	81°08'03.49965"
P-1409	60	22°00'28.42419"	81°09'13.00374"	P-1459	61	21°57'30.18690"	81°08'07.72586"
P-1410	60	22°00'33.01629"	81°09'14.76422"	P-1460	61	21°57'35.09467"	81°08'12.27457"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1411	60	22°00'33.01629"	81°09'14.76422"	P-1461	61	21°57'35.30813"	81°08'12.53778"
P-1412	60	22°00'39.27564"	81°09'16.57178"	P-1462	61	21°57'35.30813"	81°08'12.53778"
P-1413	60	22°00'45.74438"	81°09'16.70749"	P-1463	61	21°57'35.91514"	81°08'13.34048"
P-1414	60	22°00'52.23193"	81°09'16.20568"	P-1464	62	21°58'27.48005"	81°05'30.13859"
P-1415	60	22°00'58.64785"	81°09'16.49888"	P-1465	62	21°58'21.62667"	81°05'32.76723"
P-1416	60	22°01'04.46594"	81°09'19.51552"	P-1466	62	21°58'18.16421"	81°05'38.63240"
P-1417	60	22°01'10.72961"	81°09'21.39039"	P-1467	62	21°58'14.63503"	81°05'44.45678"
P-1418	60	22°01'16.85460"	81°09'23.53957"	P-1468	62	21°58'09.23494"	81°05'48.31276"
P-1419	60	22°01'23.34986"	81°09'23.89625"	P-1469	62	21°58'07.77749"	81°05'49.27126"
P-1420	60	22°01'29.05253"	81°09'26.77387"	P-1470	62	21°58'07.77749"	81°05'49.27126"
P-1421	60	22°01'33.45063"	81°09'28.55199"	P-1471	62	21°58'03.65946"	81°05'53.89342"
P-1422	60	22°01'33.45063"	81°09'28.55199"	P-1472	62	21°57'58.44944"	81°05'54.69125"
P-1423	60	22°01'39.87696"	81°09'29.63101"	P-1473	62	21°57'56.46715"	81°05'59.95407"
P-1424	60	22°01'46.30572"	81°09'30.68006"	P-1474	62	21°57'54.43097"	81°06'06.52208"
P-1425	60	22°01'52.75426"	81°09'29.87569"	P-1475	62	21°57'52.81909"	81°06'09.57309"
P-1426	60	22°01'59.24297"	81°09'30.31658"	P-1476	62	21°57'46.05441"	81°07'06.44743"
P-1427	60	22°02'05.71690"	81°09'30.98670"	P-1477	62	21°57'44.54763"	81°07'10.59701"
P-1428	60	22°02'06.76474"	81°09'31.40170"	P-1478	62	21°58'57.25335"	81°06'03.54718"
P-1429	60	22°00'09.94359"	81°12'09.75605"	P-1479	62	21°58'57.46454"	81°05'56.74979"
P-1430	60	22°00'10.17065"	81°12'03.06233"	P-1480	62	21°58'56.92825"	81°05'55.90203"
P-1431	60	22°00'10.66577"	81°11'56.11866"	P-1481	62	21°58'57.28225"	81°05'55.69990"
P-1432	60	22°00'10.18967"	81°11'49.92405"	P-1482	62	21°58'57.82389"	81°06'02.32383"
P-1433	60	22°00'10.33961"	81°11'50.31127"	P-1483	62	21°58'57.55907"	81°06'03.42599"
P-1434	60	22°00'10.98628"	81°11'55.93775"	P-1484	62	21°58'27.48143"	81°05'30.12089"
P-1435	60	22°00'10.98628"	81°11'55.93775"	P-1485	62	21°58'21.62485"	81°05'32.74381"
P-1436	60	22°00'10.52482"	81°12'02.88251"	P-1486	62	21°58'21.33940"	81°05'33.07777"
P-1437	60	22°00'10.23405"	81°12'09.58214"	P-1487	62	21°58'21.33940"	81°05'33.07777"
P-1438	60	22°00'10.36224"	81°12'09.96173"	P-1488	62	21°58'17.97518"	81°05'39.01420"
P-1439	60	21°58'58.62903"	81°09'27.16794"	P-1489	62	21°58'14.32497"	81°05'44.74300"
P-1440	60	21°58'58.64835"	81°09'26.41437"	P-1490	62	21°58'08.88273"	81°05'48.54170"
P-1441	60	21°58'57.35544"	81°09'23.74375"	P-1491	62	21°58'03.67189"	81°05'52.48335"
P-1442	60	21°58'55.47029"	81°09'21.64258"	P-1492	62	21°57'59.70487"	81°05'54.35598"
P-1443	60	21°58'57.30206"	81°09'24.38668"	P-1493	62	21°57'56.31941"	81°05'58.55185"
P-1444	60	21°58'43.34048"	81°08'59.58760"	P-1494	62	21°57'54.83841"	81°06'05.18653"
P-1445	60	21°58'40.03806"	81°08'53.59960"	P-1495	62	21°57'52.80249"	81°06'09.56812"
P-1446	60	21°58'42.16740"	81°08'58.00669"	P-1496	62	21°57'46.03607"	81°07'06.43756"
P-1447	60	21°58'42.90729"	81°08'59.40024"	P-1497	62	21°57'44.54324"	81°07'10.58542"
P-1448	61	21°57'29.76442"	81°07'53.80416"	P-1498	63	21°58'47.09601"	81°03'22.45344"
P-1449	61	21°57'24.53912"	81°07'54.27447"	P-1499	63	21°58'46.00492"	81°03'25.96039"
P-1450	61	21°57'23.35120"	81°07'57.94409"	P-1500	63	21°58'42.97240"	81°04'09.45334"
P-1501	63	21°58'39.37457"	81°04'13.57311"	P-1519	63	21°58'39.46137"	81°04'13.66799"
P-1502	63	21°58'36.23564"	81°04'13.57093"	P-1520	63	21°58'36.19876"	81°04'13.39707"

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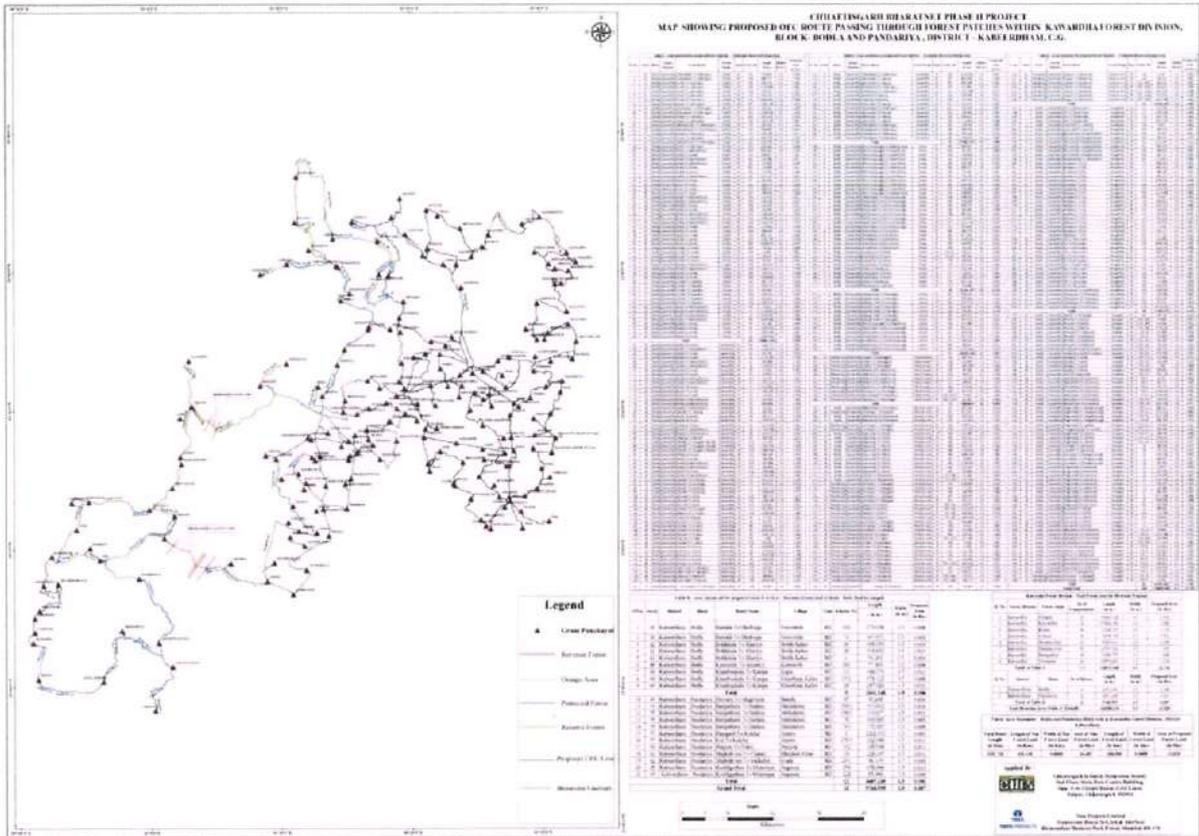
Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1503	63	21°58'30.59942"	81°04'16.68315"	P-1521	63	21°58'34.97911"	81°04'14.53217"
P-1504	63	21°58'29.82032"	81°04'31.09537"	P-1522	63	21°58'34.97911"	81°04'14.53217"
P-1505	63	21°58'28.82226"	81°04'31.07040"	P-1523	63	21°58'30.15882"	81°04'18.17956"
P-1506	63	21°58'28.82226"	81°04'31.07040"	P-1524	63	21°58'28.72913"	81°04'30.71806"
P-1507	63	21°58'25.66027"	81°04'25.80815"	P-1525	63	21°58'25.69461"	81°04'25.43767"
P-1508	63	21°58'23.32416"	81°04'19.60443"	P-1526	63	21°58'23.09187"	81°04'19.34781"
P-1509	63	21°58'17.65997"	81°04'18.30837"	P-1527	63	21°58'17.67087"	81°04'18.61676"
P-1510	63	21°58'22.80142"	81°04'21.46174"	P-1528	63	21°58'22.82602"	81°04'21.77513"
P-1511	63	21°58'23.82488"	81°04'28.13041"	P-1529	63	21°58'23.71392"	81°04'28.43029"
P-1512	63	21°58'25.24352"	81°04'34.69673"	P-1530	63	21°58'25.36846"	81°04'34.97425"
P-1513	63	21°58'30.24990"	81°04'38.77467"	P-1531	63	21°58'27.62068"	81°04'37.47118"
P-1514	63	21°58'30.61276"	81°04'45.53789"	P-1532	63	21°58'27.62068"	81°04'37.47118"
P-1515	63	21°58'31.33912"	81°04'49.51693"	P-1533	63	21°58'30.43945"	81°04'42.39423"
P-1516	63	21°58'47.10298"	81°03'22.41926"	P-1534	63	21°58'31.30050"	81°04'49.27597"
P-1517	63	21°58'45.98929"	81°03'25.97627"	P-1535	63	21°58'31.32105"	81°04'49.50011"
P-1518	63	21°58'42.97013"	81°04'09.42974"				



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

5.3.1. Map showing Geo-reference map of proposed OFC Route.

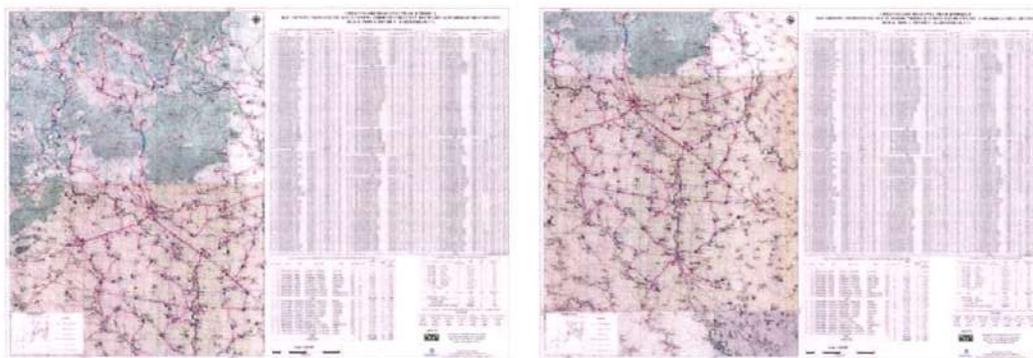


Geo-Referenced Maps of Forest Patched with in Kawardha Forest Division

5.3.2. Map showing proposed OFC Route on Toposheet map on 1:50,000 scale.



Geo-Referenced Toposheet Map of Forest Patched of Bodla blocks (Part- 1, Part-2 and Part-3). Bodla and (Part -2) within in Forest Patched of Kawardha Forest Division.



Geo-Referenced Toposheet Map of Forest Patched of Pandariya blocks (Part-1 and Part-2) within in Forest Patched of Kawardha Forest Division.

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