

**FEDERAL GOVERNMENT
ENVIRONMENT AND CAPITAL DEVELOPMENT AUTHORITY**

Dated: 29-10-2009

NOTIFICATION

No. 3(15)/76_CDA. III. (4)

In exercise of the powers conferred by sub-section (1) of section 21 of the Islamabad Wildlife (Protection, Conservation and Management) Ordinance, 1979 (LXX of 1979), the Federal Government is pleased to revise the boundaries of Margallah Hills National Park specified in the schedule given below with immediate effect.

SCHEDULE

- 1) District(s)** : Islamabad
2) Tehsil(s) : Islamabad
3) Locality : Margallah Hills National Park (Mangial, Malach Dakhli, Phulgran, Subhan, Mandla, Jhang Bagial, Malpur, Rumli, Narias, Padoh Dakhli, Noorpur Shahan, Ratta Hottar, Saidpur, Dhok Jiwan, Gandiar, Kalinjar and Saniari)
4) Area : 16,979 hectare (approx. 170 km²)
5) Coordinates : 72° 50' 11.91" to 73° 13' 14.97" E and 33° 42' 14.03" to 33° 47' 50.95" N

BOUNDARIES

Margallah Hills National Park is divided into two sections; one comprises of Reserve Forest and Military Farms whereas other section contains Rawal Lake area. In this notification both the sections are described separately.

1. Reserve Forest and Military Farms

North:

Northern side starts from grid reference point N1 (73°12'17.71", 33°48'44.40") and follows the Haripur - Islamabad district boundary up to grid reference point N2 (73°55'00.26", 33°43'44.16"). From grid reference point N2 (73°55'00.26", 33°43'44.16") to grid reference point N3/W1 (73°50'50.24", 33°43'00.72") boundary follows the Rawalpindi - Islamabad district boundary.

West:

Western side starts from grid reference point N3/W1 (73°50'50.24", 33°43'00.72") and moves south-westward with forest compartments 37RF and 41RF reaching grid reference point W2/S1 (72°49'59.59", 33°42'09.36").

South:

Southern side starts from grid reference point W2/S1 (72°49'59.59", 33°42'09.36") run eastward with forest compartments 41RF, 38RF, 36RF, 34RF, 33RF, 31RF, 30RF, 28RF and 23RF reaching the grid reference point S2 (72°55'38.31", 33°43'14.64"). From grid reference point S2 (72°55'38.31", 33°43'14.64") to grid reference point S3 (72°55'58.04", 33°43'15.30") boundary follows the existing demarcation pillars fixed by CDA in 1986. From

grid reference point S3 (72°55'58.04", 33°43'15.3") to grid reference point S4 (72°58'20.85", 33°43'24.66") boundary follows the forest compartments 22RF, 21RF and 25MF. From grid reference point S4 (72°58'20.85", 33°43'24.66") to grid reference point S5 (72°59'40.20", 33°43'31.20") National Park boundary includes Saniari village and follows the pillars fixed by Army. From grid reference point S5 (72°59'40.20", 33°43'31.20") to grid reference point S6 (73°2'09.31", 33°43'38.28") boundary follows the Siachen road. Boundary runs from grid reference point S6 (73°02'09.31", 33°43'38.28") to grid reference point S7 (73°02'27.06", 33°43'40.26") excluding the Faisal mosque area. From grid reference point S8 (73°03'28.15", 33°43'48.12") to grid reference point S9 (73°06'56.34", 33°44'42.06") boundary follows the Margallah Road apart from the zoo area. From grid reference point S9 (73°06'56.34", 33°44'42.06") to grid reference point S10 (73°07'37.02", 33°44'51.72") boundary follows the pillars raised by CDA in 1986. From grid reference point S10 (73°07'37.02", 33°44'51.72") to grid reference point S11 (73°08'08.59", 33°45'05.88") boundary moves with Rumli *nullah*. From grid reference point S11 (73°08'08.62", 33°45'05.94") to grid reference point S12 (73°08'36.60", 33°45'17.22") boundary moves on pillars put up by CDA in 1986. From grid reference point S12 (73°08'36.56", 33°45'17.22") to grid reference point S13 (73°09'16.66", 33°45'34.98") boundary follows the forest compartment 12RF. From grid reference point S13 (73°09'16.66", 33°45'34.98") to grid reference point S14 (73°09'38.73", 33°45'22.08") National park boundary runs on pillars fixed by CDA in 1986. From grid reference point S14 (73°09'38.73", 33°45'22.08") to grid reference point S15 (73°10'23.95", 33°45'36.00") boundary moves with Barakaho road. From grid reference point S15 (73°10'23.95", 33°45'36.00") to grid reference point S16 (73°10'37.59", 33°45'47.58") boundary moves with Mandla *nullah*. From grid reference point S16 (73°10'37.59", 33°45'47.58") to grid reference point S17 (73°11'17.05", 33°45'52.98") boundary follows the National park CDA pillars. From grid reference point S17 to grid reference point S18/E1 (73°12'55.33", 33°45'35.88") boundary follows the forest compartments 8RF, 7RF and 6RF.

East:

Eastern boundary starts from grid reference point S18/E1 (73°12'55.33", 33°45'35.88") and follows the forest compartment boundary 6RF, 5RF, 4RF and 2RF reaching grid reference point E2 (73°12'48.24", 33°48'22.80"). From grid reference point E2 (73°12'48.27", 33°48'22.74") to grid reference point N1 (73°12'17.71", 33°48'44.40") boundary follows Rawalpindi - Islamabad district boundary.

2. Rawal Lake

From grid reference point R1 (73°3'56.08", 33°41'36.96") to grid reference point R2 (73°9'56.77", 33°44'05.04") boundary moves with Kashmir Highway and Murree road. From grid reference point R2 (73°09'56.77", 33°44'05.04") to grid reference point R3 (73°09'50.72", 33°43'17.82") boundary follows the CDA pillars. From grid reference point R3 (73°09'50.72", 33°43'17.82") to grid reference point R4 (73°08'56.51", 33°42'45.36") boundary go behinds the CDA pillars .From grid reference point R4 (73°08'56.51", 33°42'45.36") to grid reference point R5 (73°08'31.88", 33°42'25.8") boundary follows the highest water mark of Rawal lake. Boundary follows the Park Road from grid

reference point R5 (73°08'31.88", 33°42'25.80") to grid reference point R6 (73°06'38.55", 33°41'18.84"). From grid reference point R6 (73°06'38.55", 33°41'18.84") to grid reference point R7 (73°05'15.79", 33°39'52.38") boundary includes 600ft buffer of Murree Road. Boundary move along with Islamabad Highway from grid reference point R7 (73°05'15.79", 33°39'52.38") to grid reference point R1 (73°03'56.08", 33°41'36.96").

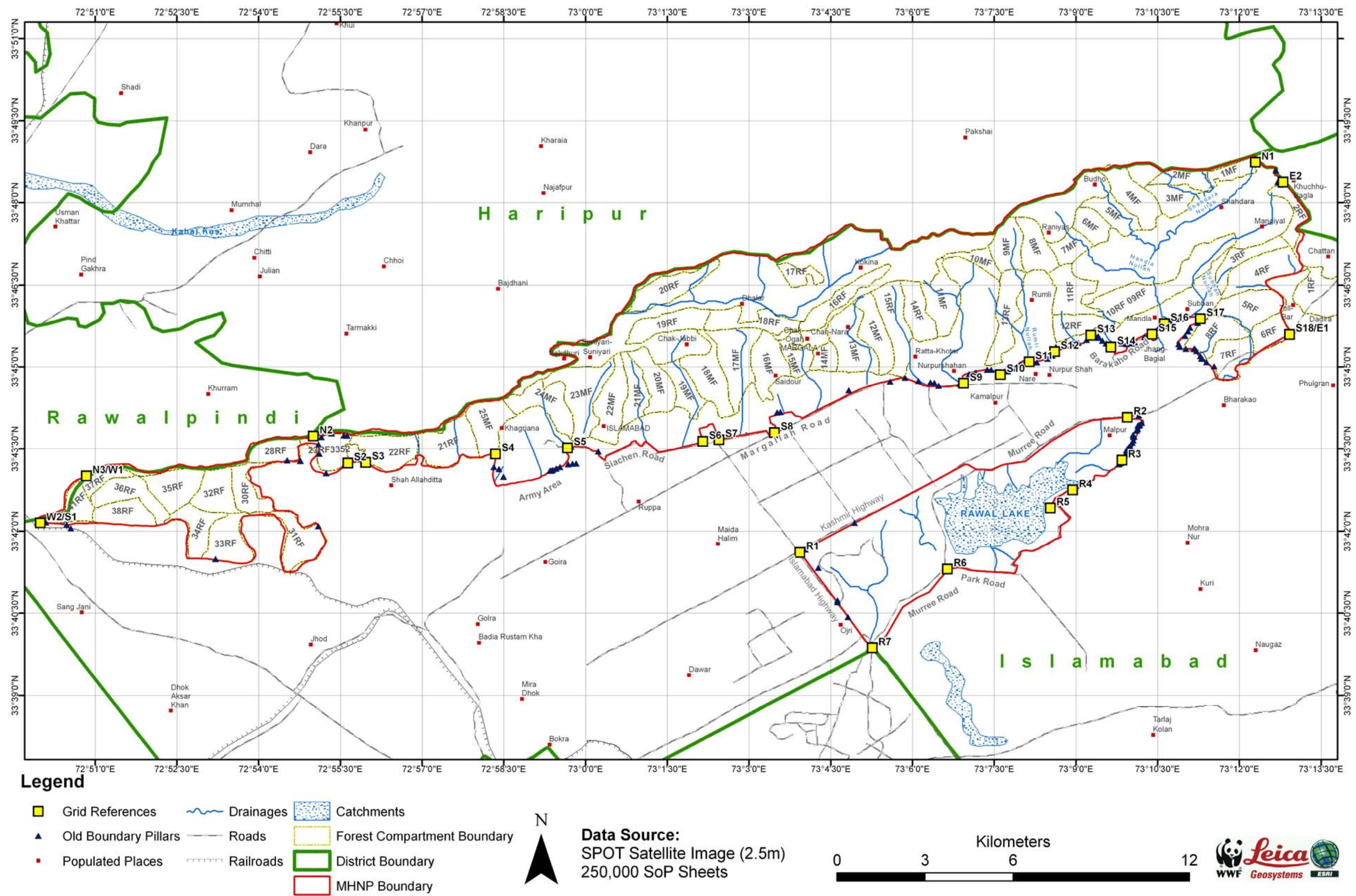
REFERENCE

Geo-Rectified SPOT (2.5 m) Satellite Image
1: 250,000 Survey of Pakistan Maps
Projection: Geographic Coordinate System
Spheroid & Datum: World Geodetic System (WGS) 84
(Single frequency GPS receiver was used for the field data collection)
Forest Compartment Boundary

(Authority)
Federal Government

A copy is forwarded to the:-

1. _____
2. _____
3. _____
4. _____



GIS Map of Margallah Hills National Park Boundary with Grid Reference Points

List of Selective Boundary Coordinates

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 1 | 73°3'56.09" | 33°41'36.98" |
| 2 | 73°6'57.34" | 33°43'12.84" |
| 3 | 73°7'1.14" | 33°43'12.85" |
| 4 | 73°7'9.92" | 33°43'7.83" |
| 5 | 73°7'27.05" | 33°43'7.33" |
| 6 | 73°7'41.54" | 33°43'13.08" |
| 7 | 73°8'3.987" | 33°43'16.27" |
| 8 | 73°8'32.61" | 33°43'38.51" |
| 9 | 73°9'3.25" | 33°43'56.63" |
| 10 | 73°9'19.03" | 33°44'1.54" |
| 11 | 73°9'57.88" | 33°44'5.20" |
| 12 | 73°10'1.66" | 33°44'3.16" |
| 13 | 73°10'9.51" | 33°44'2.87" |
| 14 | 73°10'13.87" | 33°44'1.13" |
| 15 | 73°10'14.16" | 33°43'57.64" |
| 16 | 73°10'10.96" | 33°43'53.86" |
| 17 | 73°10'7.76" | 33°43'47.17" |
| 18 | 73°10'3.11" | 33°43'34.37" |
| 19 | 73°9'55.84" | 33°43'26.81" |
| 20 | 73°9'55.55" | 33°43'22.73" |
| 21 | 73°9'53.82" | 33°43'19.03" |
| 22 | 73°9'42.97" | 33°43'8.86" |
| 23 | 73°9'38.34" | 33°43'6.80" |
| 24 | 73°9'34.02" | 33°43'1.70" |
| 25 | 73°9'31.00" | 33°43'0.28" |
| 26 | 73°9'21.20" | 33°43'1.08" |
| 27 | 73°9'18.39" | 33°42'55.31" |
| 28 | 73°9'11.01" | 33°42'54.37" |
| 29 | 73°9'6.18" | 33°42'48.74" |
| 30 | 73°9'0.81" | 33°42'46.32" |
| 31 | 73°8'49.27" | 33°42'43.37" |
| 32 | 73°8'37.81" | 33°42'36.93" |
| 33 | 73°8'34.19" | 33°42'31.16" |
| 34 | 73°8'31.77" | 33°42'29.69" |
| 35 | 73°8'29.22" | 33°42'30.09" |
| 36 | 73°8'32.98" | 33°42'25.93" |
| 37 | 73°8'38.62" | 33°42'29.95" |
| 38 | 73°8'53.91" | 33°42'15.46" |
| 39 | 73°8'51.90" | 33°42'12.11" |
| 40 | 73°8'42.91" | 33°42'5.13" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 41 | 73°8'43.18" | 33°41'53.39" |
| 42 | 73°8'12.59" | 33°41'38.37" |
| 43 | 73°8'4.94" | 33°41'38.90" |
| 44 | 73°8'0.650" | 33°41'38.23" |
| 45 | 73°7'58.50" | 33°41'36.62" |
| 46 | 73°7'59.04" | 33°41'34.74" |
| 47 | 73°7'50.89" | 33°41'24.35" |
| 48 | 73°7'55.40" | 33°41'22.46" |
| 49 | 73°7'54.24" | 33°41'17.23" |
| 50 | 73°7'52.04" | 33°41'13.98" |
| 51 | 73°7'5.566" | 33°41'17.23" |
| 52 | 73°6'52.15" | 33°41'20.26" |
| 53 | 73°6'39.65" | 33°41'18.97" |
| 54 | 73°6'18.37" | 33°40'53.11" |
| 55 | 73°6'5.28" | 33°40'47.01" |
| 56 | 73°5'49.35" | 33°40'37.03" |
| 57 | 73°5'30.93" | 33°40'5.40" |
| 58 | 73°5'16.90" | 33°39'52.51" |
| 59 | 73°5'8.342" | 33°39'59.40" |
| 60 | 73°3'56.09" | 33°41'36.98" |
| 61 | 73°11'15.97" | 33°48'35.95" |
| 62 | 73°11'25.57" | 33°48'36.46" |
| 63 | 73°12'16.85" | 33°48'52.05" |
| 64 | 73°12'19.23" | 33°48'48.02" |
| 65 | 73°12'19.59" | 33°48'44.40" |
| 66 | 73°12'23.34" | 33°48'43.10" |
| 67 | 73°12'25.45" | 33°48'40.59" |
| 68 | 73°12'30.28" | 33°48'38.88" |
| 69 | 73°12'37.61" | 33°48'38.78" |
| 70 | 73°12'39.82" | 33°48'37.87" |
| 71 | 73°12'37.91" | 33°48'34.30" |
| 72 | 73°12'38.77" | 33°48'31.38" |
| 73 | 73°12'43.35" | 33°48'28.97" |
| 74 | 73°12'43.94" | 33°48'23.95" |
| 75 | 73°12'48.26" | 33°48'22.80" |
| 76 | 73°12'55.97" | 33°48'14.98" |
| 77 | 73°13'13.8" | 33°47'50.52" |
| 78 | 73°13'16.15" | 33°47'44.49" |
| 79 | 73°13'16.20" | 33°47'42.16" |
| 80 | 73°13'5.17" | 33°47'35.23" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 81 | 73°13'2.20" | 33°47'30.29" |
| 82 | 73°13'3.33" | 33°47'28.42" |
| 83 | 73°13'8.91" | 33°47'27.45" |
| 84 | 73°13'11.32" | 33°47'25.00" |
| 85 | 73°13'9.30" | 33°47'19.56" |
| 86 | 73°13'6.06" | 33°47'16.43" |
| 87 | 73°13'3.46" | 33°47'10.02" |
| 88 | 73°13'3.25" | 33°47'6.52" |
| 89 | 73°13'5.55" | 33°47'3.52" |
| 90 | 73°13'6.18" | 33°47'0.03" |
| 91 | 73°13'5.67" | 33°46'57.6" |
| 92 | 73°13'7.43" | 33°46'53.52" |
| 93 | 73°13'10.01" | 33°46'50.53" |
| 94 | 73°13'9.04" | 33°46'47.49" |
| 95 | 73°13'6.54" | 33°46'44.81" |
| 96 | 73°13'1.95" | 33°46'42.77" |
| 97 | 73°12'39.51" | 33°46'38.69" |
| 98 | 73°12'31.85" | 33°46'36.14" |
| 99 | 73°12'28.79" | 33°46'34.09" |
| 100 | 73°12'29.30" | 33°46'31.54" |
| 101 | 73°12'34.40" | 33°46'26.44" |
| 102 | 73°12'42.57" | 33°46'21.34" |
| 103 | 73°12'47.67" | 33°46'15.73" |
| 104 | 73°12'48.69" | 33°46'9.10" |
| 105 | 73°12'45.12" | 33°46'1.96" |
| 106 | 73°12'47.16" | 33°45'54.81" |
| 107 | 73°12'51.75" | 33°45'45.12" |
| 108 | 73°12'55.32" | 33°45'40.02" |
| 109 | 73°12'55.32" | 33°45'35.88" |
| 110 | 73°12'28.70" | 33°45'21.71" |
| 111 | 73°12'11.54" | 33°45'8.90" |
| 112 | 73°12'9.467" | 33°45'5.41" |
| 113 | 73°11'57.04" | 33°45'1.59" |
| 114 | 73°11'55.26" | 33°44'57.70" |
| 115 | 73°11'58.12" | 33°44'54.79" |
| 116 | 73°11'58.12" | 33°44'51.67" |
| 117 | 73°11'57.60" | 33°44'48.55" |
| 118 | 73°11'54.79" | 33°44'47.30" |
| 119 | 73°11'49.17" | 33°44'45.84" |
| 120 | 73°11'43.34" | 33°44'45.74" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 121 | 73°11'35.43" | 33°44'47.09" |
| 122 | 73°11'28.98" | 33°45'0.52" |
| 123 | 73°11'16.71" | 33°45'9.88" |
| 124 | 73°11'12.07" | 33°45'17.24" |
| 125 | 73°11'9.15" | 33°45'19.81" |
| 126 | 73°10'55.75" | 33°45'19.98" |
| 127 | 73°10'52.83" | 33°45'21.19" |
| 128 | 73°10'51.46" | 33°45'26.51" |
| 129 | 73°11'3.83" | 33°45'40.26" |
| 130 | 73°11'6.40" | 33°45'45.58" |
| 131 | 73°11'14.31" | 33°45'49.36" |
| 132 | 73°11'17.06" | 33°45'52.97" |
| 133 | 73°11'16.20" | 33°45'55.38" |
| 134 | 73°11'7.43" | 33°45'54.86" |
| 135 | 73°11'3.65" | 33°45'53.66" |
| 136 | 73°10'58.84" | 33°45'54.34" |
| 137 | 73°10'53.52" | 33°45'52.45" |
| 138 | 73°10'46.65" | 33°45'51.94" |
| 139 | 73°10'34.28" | 33°45'45.93" |
| 140 | 73°10'27.23" | 33°45'40.77" |
| 141 | 73°10'23.94" | 33°45'36.03" |
| 142 | 73°10'23.82" | 33°45'34.37" |
| 143 | 73°10'25.73" | 33°45'32.46" |
| 144 | 73°10'25.61" | 33°45'29.01" |
| 145 | 73°10'22.99" | 33°45'32.34" |
| 146 | 73°10'17.16" | 33°45'36.27" |
| 147 | 73°9'58.32" | 33°45'26.23" |
| 148 | 73°9'54.75" | 33°45'18.10" |
| 149 | 73°9'43.24" | 33°45'14.33" |
| 150 | 73°9'42.10" | 33°45'20.24" |
| 151 | 73°9'33.06" | 33°45'24.33" |
| 152 | 73°9'22.77" | 33°45'34.45" |
| 153 | 73°9'16.66" | 33°45'35.00" |
| 154 | 73°9'12.99" | 33°45'32.11" |
| 155 | 73°9'8.99" | 33°45'26.45" |
| 156 | 73°8'36.58" | 33°45'17.23" |
| 157 | 73°8'34.88" | 33°45'16.22" |
| 158 | 73°8'32.76" | 33°45'11.89" |
| 159 | 73°8'25.86" | 33°45'8.25" |
| 160 | 73°8'15.06" | 33°45'5.603" |

| No. | Longitude | Latitude |
|-----|-------------|--------------|
| 161 | 73°8'0.76" | 33°45'5.568" |
| 162 | 73°7'48.95" | 33°44'56.98" |
| 163 | 73°7'39.78" | 33°44'52.08" |
| 164 | 73°7'37.01" | 33°44'51.76" |
| 165 | 73°7'31.25" | 33°44'55.07" |
| 166 | 73°7'21.76" | 33°44'57.41" |
| 167 | 73°7'9.615" | 33°44'55.39" |
| 168 | 73°6'58.31" | 33°44'52.19" |
| 169 | 73°6'55.00" | 33°44'49.42" |
| 170 | 73°6'56.60" | 33°44'45.15" |
| 171 | 73°6'56.35" | 33°44'42.10" |
| 172 | 73°6'51.62" | 33°44'40.38" |
| 173 | 73°6'40.57" | 33°44'38.41" |
| 174 | 73°6'17.13" | 33°44'38.92" |
| 175 | 73°6'9.55" | 33°44'40.63" |
| 176 | 73°5'52.22" | 33°44'47.93" |
| 177 | 73°5'47.78" | 33°44'48.21" |
| 178 | 73°5'23.82" | 33°44'42.34" |
| 179 | 73°5'0.821" | 33°44'34.98" |
| 180 | 73°3'57.87" | 33°44'3.61" |
| 181 | 73°3'56.75" | 33°44'5.53" |
| 182 | 73°3'51.14" | 33°44'6.49" |
| 183 | 73°3'46.81" | 33°44'10.91" |
| 184 | 73°3'22.53" | 33°44'5.215" |
| 185 | 73°3'23.65" | 33°43'58.80" |
| 186 | 73°3'28.70" | 33°43'55.59" |
| 187 | 73°3'28.94" | 33°43'52.47" |
| 188 | 73°3'27.33" | 33°43'50.06" |
| 189 | 73°3'28.14" | 33°43'48.14" |
| 190 | 73°3'22.69" | 33°43'44.85" |
| 191 | 73°3'18.76" | 33°43'50.06" |
| 192 | 73°2'27.07" | 33°43'40.30" |
| 193 | 73°2'20.11" | 33°43'57.62" |
| 194 | 73°2'15.76" | 33°43'56.79" |
| 195 | 73°2'14.11" | 33°43'54.56" |
| 196 | 73°2'5.17" | 33°43'52.09" |
| 197 | 73°2'9.06" | 33°43'37.26" |
| 198 | 73°1'20.16" | 33°43'26.56" |
| 199 | 73°1'6.14" | 33°43'38.16" |
| 200 | 73°1'2.151" | 33°43'33.47" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 201 | 73°0'59.83" | 33°43'33.53" |
| 202 | 73°0'55.91" | 33°43'37.14" |
| 203 | 73°0'55.24" | 33°43'38.93" |
| 204 | 73°0'53.44" | 33°43'38.71" |
| 205 | 73°0'50.30" | 33°43'37.42" |
| 206 | 73°0'50.30" | 33°43'36.05" |
| 207 | 73°0'48.58" | 33°43'34.62" |
| 208 | 73°0'22.79" | 33°43'22.72" |
| 209 | 73°0'21.27" | 33°43'18.09" |
| 210 | 73°0'19.05" | 33°43'18.74" |
| 211 | 73°0'14.79" | 33°43'22.42" |
| 212 | 73°0'14.52" | 33°43'25.33" |
| 213 | 73°0'11.48" | 33°43'27.76" |
| 214 | 73°0'8.079" | 33°43'27.54" |
| 215 | 73°0'0.549" | 33°43'31.88" |
| 216 | 72°59'42.02" | 33°43'32.46" |
| 217 | 72°59'38.28" | 33°43'28.52" |
| 218 | 72°59'41.59" | 33°43'22.14" |
| 219 | 72°59'40.66" | 33°43'18.06" |
| 220 | 72°59'35.39" | 33°43'11.52" |
| 221 | 72°59'25.27" | 33°43'8.63" |
| 222 | 72°59'8.120" | 33°42'57.99" |
| 223 | 72°58'32.47" | 33°42'50.66" |
| 224 | 72°58'22.33" | 33°42'49.58" |
| 225 | 72°58'20.36" | 33°42'51.09" |
| 226 | 72°58'17.69" | 33°43'2.169" |
| 227 | 72°58'20.96" | 33°43'20.05" |
| 228 | 72°58'20.23" | 33°43'25.01" |
| 229 | 72°58'4.129" | 33°43'20.63" |
| 230 | 72°57'53.45" | 33°43'20.63" |
| 231 | 72°57'43.74" | 33°43'23.72" |
| 232 | 72°57'40.93" | 33°43'21.11" |
| 233 | 72°57'39.12" | 33°43'14.48" |
| 234 | 72°57'36.52" | 33°43'14.16" |
| 235 | 72°57'28.69" | 33°43'9.94" |
| 236 | 72°57'15.41" | 33°43'9.15" |
| 237 | 72°57'5.695" | 33°43'11.74" |
| 238 | 72°56'59.64" | 33°43'12.13" |
| 239 | 72°56'58.89" | 33°43'13.65" |
| 240 | 72°57'1.26" | 33°43'18.83" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 241 | 72°57'1.12" | 33°43'21.28" |
| 242 | 72°56'57.55" | 33°43'23.08" |
| 243 | 72°56'54.75" | 33°43'23.04" |
| 244 | 72°56'52.95" | 33°43'22.36" |
| 245 | 72°56'52.46" | 33°43'19.93" |
| 246 | 72°56'54.81" | 33°43'18.24" |
| 247 | 72°56'52.72" | 33°43'13.02" |
| 248 | 72°56'40.33" | 33°43'11.98" |
| 249 | 72°56'33.55" | 33°43'7.287" |
| 250 | 72°56'20.11" | 33°43'4.809" |
| 251 | 72°56'8.31" | 33°43'8.57" |
| 252 | 72°55'59.4" | 33°43'14.80" |
| 253 | 72°55'54.61" | 33°43'17.02" |
| 254 | 72°55'51.47" | 33°43'16.75" |
| 255 | 72°55'49.11" | 33°43'18.05" |
| 256 | 72°55'45.23" | 33°43'15.45" |
| 257 | 72°55'41.27" | 33°43'17.25" |
| 258 | 72°55'25.61" | 33°43'4.64" |
| 259 | 72°55'14.40" | 33°43'1.33" |
| 260 | 72°55'9.823" | 33°43'4.13" |
| 261 | 72°55'2.690" | 33°43'5.40" |
| 262 | 72°54'59.63" | 33°43'7.95" |
| 263 | 72°54'56.82" | 33°43'14.39" |
| 264 | 72°54'58.07" | 33°43'17.32" |
| 265 | 72°55'6.415" | 33°43'26.71" |
| 266 | 72°55'5.842" | 33°43'32.44" |
| 267 | 72°55'4.123" | 33°43'35.30" |
| 268 | 72°54'51.32" | 33°43'36.07" |
| 269 | 72°54'42.95" | 33°43'32.55" |
| 270 | 72°54'44.71" | 33°43'16.92" |
| 271 | 72°54'39.60" | 33°43'16.06" |
| 272 | 72°54'30.96" | 33°43'17.32" |
| 273 | 72°54'24.99" | 33°43'15.52" |
| 274 | 72°54'15.37" | 33°43'15.91" |
| 275 | 72°54'1.735" | 33°43'10.48" |
| 276 | 72°53'51.25" | 33°43'9.65" |
| 277 | 72°53'48.66" | 33°43'6.01" |
| 278 | 72°53'48.99" | 33°43'1.98" |
| 279 | 72°53'51.34" | 33°42'58.26" |
| 280 | 72°53'50.97" | 33°42'54.21" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 281 | 72°54'1.05" | 33°42'48.77" |
| 282 | 72°54'3.43" | 33°42'38.07" |
| 283 | 72°54'10.04" | 33°42'37.57" |
| 284 | 72°54'13.65" | 33°42'35.95" |
| 285 | 72°54'15.40" | 33°42'33.58" |
| 286 | 72°54'15.90" | 33°42'26.47" |
| 287 | 72°54'17.61" | 33°42'23.97" |
| 288 | 72°54'21.09" | 33°42'22.63" |
| 289 | 72°54'33.80" | 33°42'22.79" |
| 290 | 72°54'42.59" | 33°42'17.74" |
| 291 | 72°54'43.29" | 33°42'9.74" |
| 292 | 72°54'47.43" | 33°42'4.97" |
| 293 | 72°54'49.73" | 33°42'4.09" |
| 294 | 72°55'2.540" | 33°42'9.42" |
| 295 | 72°55'6.993" | 33°42'4.89" |
| 296 | 72°55'13.51" | 33°41'50.42" |
| 297 | 72°55'11.53" | 33°41'43.18" |
| 298 | 72°55'1.13" | 33°41'29.07" |
| 299 | 72°54'51.27" | 33°41'25.83" |
| 300 | 72°54'47.59" | 33°41'23.59" |
| 301 | 72°54'42.81" | 33°41'17.76" |
| 302 | 72°54'36.36" | 33°41'15.64" |
| 303 | 72°54'27.79" | 33°41'16.39" |
| 304 | 72°54'26.49" | 33°41'19.37" |
| 305 | 72°54'23.88" | 33°41'29.80" |
| 306 | 72°54'23.88" | 33°41'33.35" |
| 307 | 72°54'29.14" | 33°42'0.99" |
| 308 | 72°54'24.48" | 33°42'7.77" |
| 309 | 72°54'23.02" | 33°42'11.97" |
| 310 | 72°54'17.61" | 33°42'17.61" |
| 311 | 72°54'15.19" | 33°42'18.60" |
| 312 | 72°53'45.89" | 33°42'16.91" |
| 313 | 72°53'43.51" | 33°42'16.59" |
| 314 | 72°53'41.82" | 33°42'14.93" |
| 315 | 72°53'40.87" | 33°42'13.24" |
| 316 | 72°53'41.57" | 33°42'7.44" |
| 317 | 72°53'40.71" | 33°41'59.64" |
| 318 | 72°53'47.29" | 33°41'47.03" |
| 319 | 72°53'55.72" | 33°41'37.53" |
| 320 | 72°53'56.38" | 33°41'33.00" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 321 | 72°53'51.22" | 33°41'26.73" |
| 322 | 72°53'42.14" | 33°41'24.73" |
| 323 | 72°53'3.34" | 33°41'29.89" |
| 324 | 72°52'41.08" | 33°41'30.22" |
| 325 | 72°52'39.90" | 33°41'34.65" |
| 326 | 72°52'40.82" | 33°41'39.68" |
| 327 | 72°52'40.07" | 33°41'46.95" |
| 328 | 72°52'42.13" | 33°41'57.83" |
| 329 | 72°52'41.85" | 33°42'3.77" |
| 330 | 72°52'38.89" | 33°42'10.25" |
| 331 | 72°52'33.28" | 33°42'13.13" |
| 332 | 72°52'24.49" | 33°42'13.02" |
| 333 | 72°52'17.26" | 33°42'8.33" |
| 334 | 72°52'4.349" | 33°42'5.46" |
| 335 | 72°51'39.43" | 33°42'6.11" |
| 336 | 72°51'8.397" | 33°42'8.97" |
| 337 | 72°50'38.33" | 33°42'8.60" |
| 338 | 72°50'29.12" | 33°42'6.72" |
| 339 | 72°50'21.12" | 33°42'8.31" |
| 340 | 72°49'59.60" | 33°42'9.35" |
| 341 | 72°49'58.38" | 33°42'10.87" |
| 342 | 72°49'57.98" | 33°42'14.11" |
| 343 | 72°49'59.05" | 33°42'15.88" |
| 344 | 72°50'25.51" | 33°42'23.85" |
| 345 | 72°50'26.82" | 33°42'42.67" |
| 346 | 72°50'34.66" | 33°42'52.46" |
| 347 | 72°50'40.22" | 33°42'56.45" |
| 348 | 72°50'48.73" | 33°42'59.34" |
| 349 | 72°50'53.16" | 33°43'4.53" |
| 350 | 72°51'5.14" | 33°43'8.65" |
| 351 | 72°51'12.18" | 33°43'12.38" |
| 352 | 72°51'36.65" | 33°43'13.39" |
| 353 | 72°51'46.01" | 33°43'7.63" |
| 354 | 72°51'53.66" | 33°43'4.53" |
| 355 | 72°52'3.115" | 33°43'5.11" |
| 356 | 72°52'9.988" | 33°43'3.75" |
| 357 | 72°52'15.62" | 33°43'5.86" |
| 358 | 72°52'16.82" | 33°43'5.46" |
| 359 | 72°52'21.94" | 33°43'9.15" |
| 360 | 72°52'32.85" | 33°43'13.18" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 361 | 72°52'44.80" | 33°43'10.05" |
| 362 | 72°52'52.87" | 33°43'10.08" |
| 363 | 72°52'57.09" | 33°43'11.27" |
| 364 | 72°53'3.070" | 33°43'9.96" |
| 365 | 72°53'13.67" | 33°43'12.67" |
| 366 | 72°53'26.95" | 33°43'12.53" |
| 367 | 72°53'32.68" | 33°43'15.30" |
| 368 | 72°53'45.67" | 33°43'17.14" |
| 369 | 72°53'46.75" | 33°43'17.65" |
| 370 | 72°53'45.98" | 33°43'23.56" |
| 371 | 72°53'51.33" | 33°43'35.43" |
| 372 | 72°54'18.93" | 33°43'43.22" |
| 373 | 72°54'34.48" | 33°43'41.17" |
| 374 | 72°54'38.81" | 33°43'43.74" |
| 375 | 72°54'41.65" | 33°43'43.89" |
| 376 | 72°54'54.33" | 33°43'42.01" |
| 377 | 72°55'3.302" | 33°43'45.39" |
| 378 | 72°55'11.25" | 33°43'45.43" |
| 379 | 72°55'19.96" | 33°43'47.99" |
| 380 | 72°55'34.21" | 33°43'47.70" |
| 381 | 72°55'43.71" | 33°43'46.06" |
| 382 | 72°56'5.596" | 33°43'52.05" |
| 383 | 72°56'12.78" | 33°43'51.98" |
| 384 | 72°56'38.15" | 33°43'47.94" |
| 385 | 72°56'46.25" | 33°43'48.66" |
| 386 | 72°56'49.90" | 33°43'47.17" |
| 387 | 72°57'14.58" | 33°43'52.17" |
| 388 | 72°57'18.11" | 33°43'53.76" |
| 389 | 72°57'21.47" | 33°43'57.80" |
| 390 | 72°57'30.47" | 33°44'3.105" |
| 391 | 72°57'38.73" | 33°44'5.156" |
| 392 | 72°57'46.00" | 33°44'11.69" |
| 393 | 72°57'46.53" | 33°44'13.61" |
| 394 | 72°57'52.08" | 33°44'19.26" |
| 395 | 72°57'57.71" | 33°44'22.33" |
| 396 | 72°58'24.68" | 33°44'23.56" |
| 397 | 72°58'35.35" | 33°44'30.94" |
| 398 | 72°58'39.81" | 33°44'36.16" |
| 399 | 72°58'46.53" | 33°44'39.72" |
| 400 | 72°58'45.41" | 33°44'44.62" |

| No. | Longitude | Latitude |
|-----|--------------|--------------|
| 401 | 72°58'50.64" | 33°44'48.45" |
| 402 | 72°58'58.05" | 33°44'49.80" |
| 403 | 72°59'6.799" | 33°44'55.02" |
| 404 | 72°59'12.73" | 33°44'54.09" |
| 405 | 72°59'38.64" | 33°45'01.68" |
| 406 | 72°59'50.29" | 33°45'8.65" |
| 407 | 72°59'50.82" | 33°45'9.76" |
| 408 | 72°59'49.87" | 33°45'10.37" |
| 409 | 72°59'43.28" | 33°45'12.83" |
| 410 | 72°59'37.53" | 33°45'12.29" |
| 411 | 72°59'32.30" | 33°45'13.86" |
| 412 | 72°59'26.82" | 33°45'13.10" |
| 413 | 72°59'22.99" | 33°45'13.67" |
| 414 | 72°59'20.98" | 33°45'16.51" |
| 415 | 72°59'20.94" | 33°45'19.07" |
| 416 | 72°59'25.41" | 33°45'23.71" |
| 417 | 72°59'27.71" | 33°45'24.54" |
| 418 | 72°59'40.85" | 33°45'26.20" |
| 419 | 72°59'45.75" | 33°45'23.71" |
| 420 | 72°59'48.91" | 33°45'24.65" |
| 421 | 72°59'51.15" | 33°45'27.64" |
| 422 | 72°59'53.99" | 33°45'29.11" |
| 423 | 72°59'56.15" | 33°45'29.33" |
| 424 | 72°59'58.45" | 33°45'28.07" |
| 425 | 73°0'6.955" | 33°45'28.03" |
| 426 | 73°0'12.46" | 33°45'31.53" |
| 427 | 73°0'20.56" | 33°45'32.07" |
| 428 | 73°0'25.48" | 33°45'34.68" |
| 429 | 73°0'26.16" | 33°45'40.54" |
| 430 | 73°0'33.08" | 33°45'57.02" |
| 431 | 73°0'39.78" | 33°45'59.95" |
| 432 | 73°0'47.97" | 33°46'12.04" |
| 433 | 73°0'51.18" | 33°46'18.69" |
| 434 | 73°0'53.25" | 33°46'27.18" |
| 435 | 73°0'56.46" | 33°46'30.39" |
| 436 | 73°1'4.033" | 33°46'34.29" |
| 437 | 73°1'10.45" | 33°46'40.94" |
| 438 | 73°1'14.35" | 33°46'42.32" |
| 439 | 73°1'33.16" | 33°46'44.84" |
| 440 | 73°1'41.42" | 33°46'47.14" |

| No. | Longitude | Latitude |
|-----|-------------|--------------|
| 441 | 73°1'59.09" | 33°46'48.97" |
| 442 | 73°2'4.597" | 33°46'52.18" |
| 443 | 73°2'17.62" | 33°46'55.76" |
| 444 | 73°2'22.01" | 33°46'59.37" |
| 445 | 73°2'28.90" | 33°47'2.85" |
| 446 | 73°2'42.79" | 33°47'5.52" |
| 447 | 73°2'57.53" | 33°47'3.00" |
| 448 | 73°3'4.879" | 33°47'2.81" |
| 449 | 73°3'7.638" | 33°47'1.73" |
| 450 | 73°3'11.76" | 33°47'2.41" |
| 451 | 73°3'20.25" | 33°47'1.27" |
| 452 | 73°3'24.61" | 33°46'57.60" |
| 453 | 73°3'30.57" | 33°46'57.83" |
| 454 | 73°3'39.75" | 33°47'3.33" |
| 455 | 73°3'56.96" | 33°47'5.40" |
| 456 | 73°4'3.15" | 33°47'7.46" |
| 457 | 73°4'7.97" | 33°47'10.90" |
| 458 | 73°4'13.24" | 33°47'12.26" |
| 459 | 73°4'17.37" | 33°47'14.55" |
| 460 | 73°4'27.70" | 33°47'23.50" |
| 461 | 73°4'38.02" | 33°47'27.86" |
| 462 | 73°4'46.05" | 33°47'34.74" |
| 463 | 73°4'49.95" | 33°47'36.11" |
| 464 | 73°4'52.47" | 33°47'35.43" |
| 465 | 73°4'55.91" | 33°47'31.99" |
| 466 | 73°5'0.507" | 33°47'30.38" |
| 467 | 73°5'7.160" | 33°47'29.23" |
| 468 | 73°5'23.44" | 33°47'29.23" |
| 469 | 73°5'24.56" | 33°47'27.27" |
| 470 | 73°5'24.86" | 33°47'19.92" |
| 471 | 73°5'30.72" | 33°47'19.77" |
| 472 | 73°5'35.52" | 33°47'9.86" |
| 473 | 73°5'40.02" | 33°47'9.41" |
| 474 | 73°5'46.32" | 33°47'9.41" |
| 475 | 73°5'52.47" | 33°47'14.51" |
| 476 | 73°5'58.47" | 33°47'17.81" |
| 477 | 73°6'4.174" | 33°47'17.96" |
| 478 | 73°6'9.875" | 33°47'22.02" |
| 479 | 73°6'16.32" | 33°47'22.02" |
| 480 | 73°6'20.37" | 33°47'26.07" |

| No. | Longitude | Latitude |
|------------|------------------|-----------------|
| 481 | 73°6'22.62" | 33°47'26.07" |
| 482 | 73°6'25.62" | 33°47'23.97" |
| 483 | 73°6'28.92" | 33°47'24.42" |
| 484 | 73°6'40.03" | 33°47'30.27" |
| 485 | 73°6'44.08" | 33°47'30.27" |
| 486 | 73°6'50.68" | 33°47'27.12" |
| 487 | 73°6'59.98" | 33°47'26.37" |
| 488 | 73°7'4.48" | 33°47'24.87" |
| 489 | 73°7'9.13" | 33°47'25.92" |
| 490 | 73°7'27.43" | 33°47'25.77" |
| 491 | 73°7'32.33" | 33°47'33.27" |
| 492 | 73°7'39.58" | 33°47'38.67" |
| 493 | 73°7'40.81" | 33°47'42.45" |
| 494 | 73°7'54.35" | 33°47'55.29" |
| 495 | 73°8'0.10" | 33°47'59.09" |
| 496 | 73°8'5.89" | 33°48'0.06" |
| 497 | 73°8'22.85" | 33°48'6.32" |
| 498 | 73°8'45.51" | 33°48'10.89" |
| 499 | 73°8'58.35" | 33°48'21.22" |
| 500 | 73°8'58.81" | 33°48'23.05" |
| 501 | 73°8'57.09" | 33°48'25.35" |
| 502 | 73°9'9.08" | 33°48'36.14" |
| 503 | 73°9'16.65" | 33°48'35.16" |
| 504 | 73°9'18.32" | 33°48'35.62" |
| 505 | 73°9'18.86" | 33°48'36.87" |
| 506 | 73°9'22.80" | 33°48'37.61" |
| 507 | 73°9'32.69" | 33°48'36.90" |
| 508 | 73°9'41.72" | 33°48'40.88" |
| 509 | 73°9'50.09" | 33°48'39.44" |
| 510 | 73°10'3.32" | 33°48'43.09" |
| 511 | 73°10'13.74" | 33°48'43.77" |
| 512 | 73°10'21.34" | 33°48'43.35" |
| 513 | 73°10'36.68" | 33°48'34.28" |
| 514 | 73°10'46.57" | 33°48'36.96" |
| 515 | 73°10'56.30" | 33°48'37.73" |
| 516 | 73°11'15.97" | 33°48'35.95" |