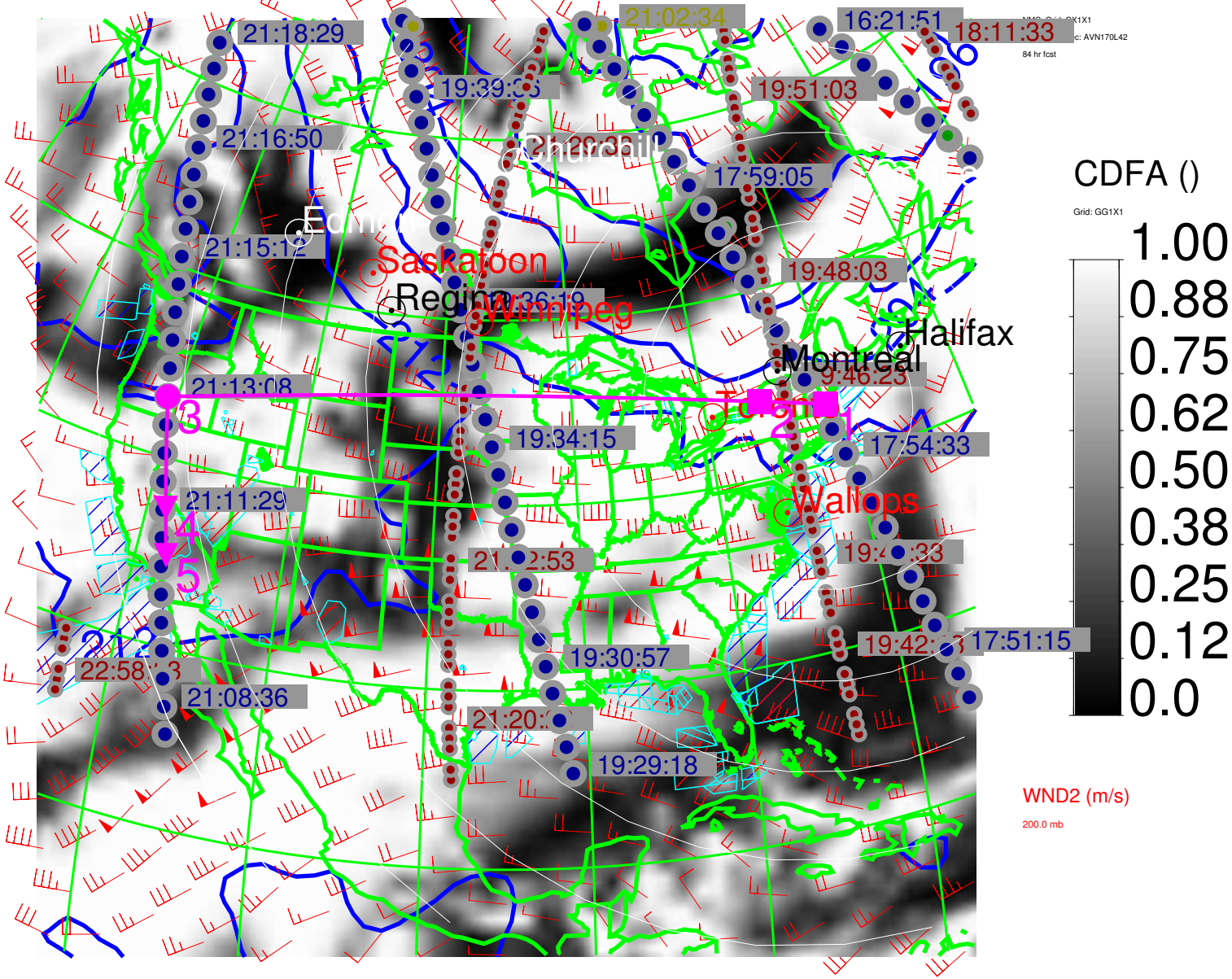
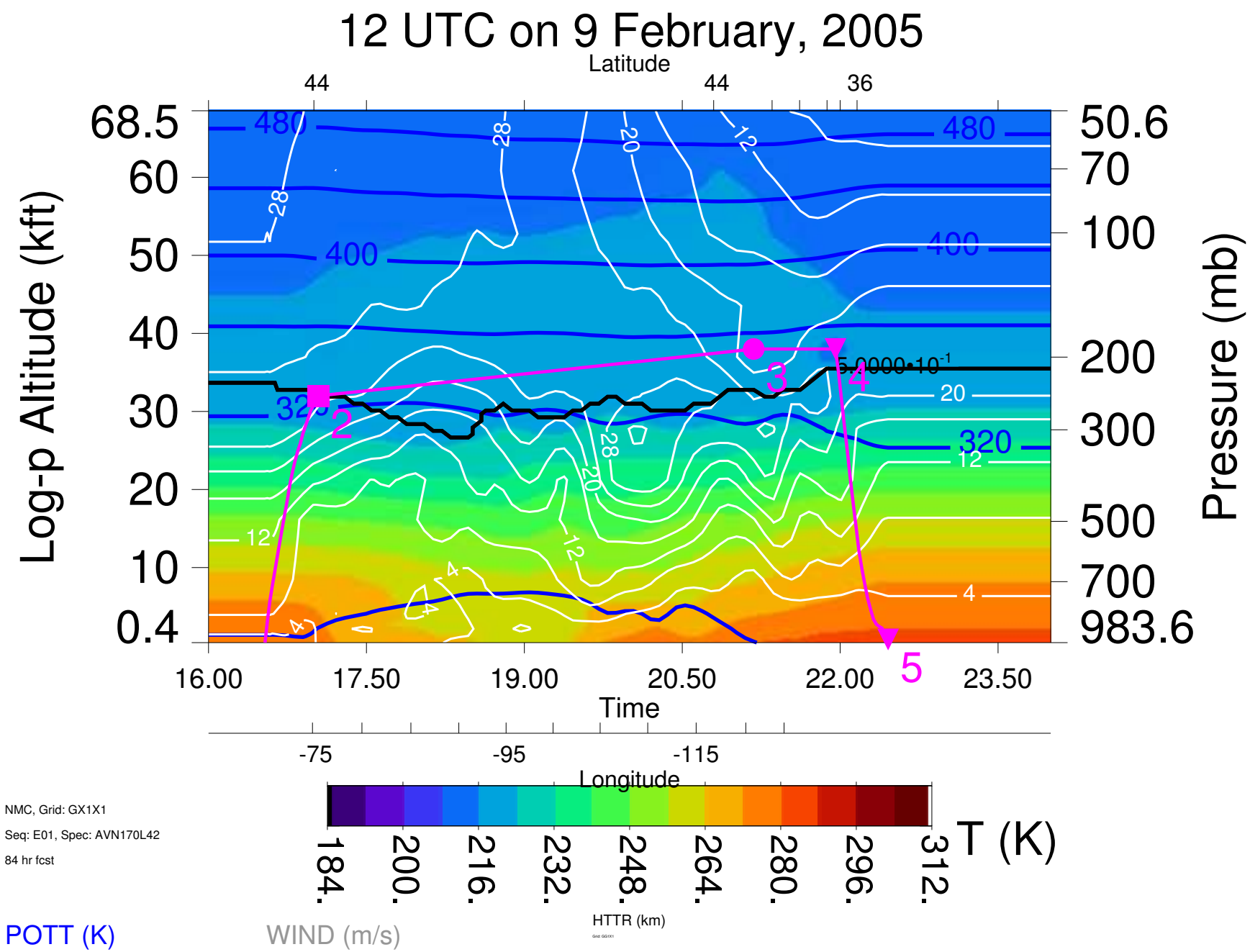
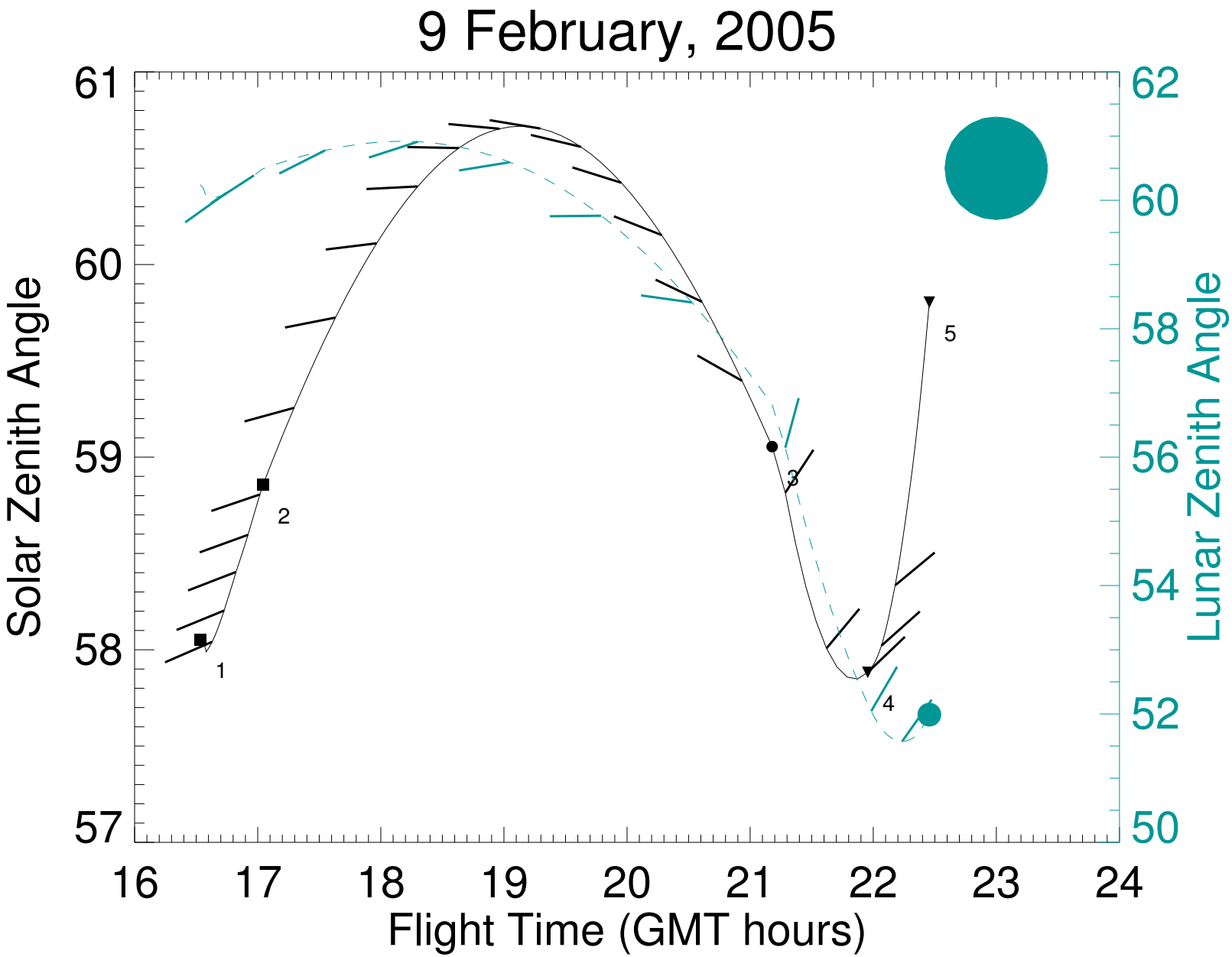
12 UTC on 9 February, 2005 at 550.0 K



T (K)


12 UTC on 9 February, 2005
Latitude
44
44
36
68.5
60
50
40
30
20
10
0.4
Log-p Altitude (kft)
50.6
70
100
200
300
500
700
983.6
Pressure (mb)
480
400
320
28
20
12
4
5.0000•10-1
2
3
4
5
16.00
17.50
19.00
20.50
22.00
23.50
Time
-75
-95
-115
Longitude
184.
200.
216.
232.
248.
264.
280.
296.
312.
T (K)
HTTR (km)
NMC, Grid: GX1X1
Seq: E01, Spec: AVN170L42
84 hr fcst
POTT (K)
WIND (m/s)


9 February, 2005
Solar Zenith Angle
Lunar Zenith Angle
Flight Time (GMT hours)
61
60
59
58
57
62
60
58
56
54
52
50
16
17
18
19
20
21
22
23
24
1
2
3
4
5

Flight Plan f2005-02-09a

INFORMATION ABOUT THE PROPOSED WAY POINTS ON THIS FLIGHT:

PT #	LAT	LON	GMT TIME	SZA	ALT (kft)	DIST (nmi)
1	43o 05’N	70o 49’W	16:32	58.1	0.0	0.00
2	44o 06’N	75o 40’W	17:03	58.9	32.0	219.06
3	43o 10’N	120o 47’W	21:11	59.1	38.0	1935.22
4	37o 23’N	118o 41’W	21:57	57.9	38.0	359.61
5	34o 55’N	117o 53’W	22:27	59.8	0.8	152.68

COMMENTS ABOUT THIS FLIGHT:

No special maneuvers during this flight

* Denotes a marked point

Flight Plan f2005-02-09a

Meteorological Data: Date: 2005-02-09 Hour: 12 Source: NMC Sequence: E01 Special: AVN170L42 (84-hr forecast)

	Date	Time (GMT)	Lat (deg)	Lon (deg)	Location
Takeoff:	2005-02-09	16:32	43o 05’N	70o 49’W	Pease
Landing:	2005-02-09	22:30	34o 55’N	117o 53’W	NASA Dryden

Latitude (degrees)	Longitude (degrees)	Time (GMT)	Wind Corrected Time	Altitude (feet)	Distance to Next Pt (nmi)	True Bearing (degrees)	Temperature (celsius)	Wind Speed (knots)	Wind Direction (degrees)	Wnd Corr Angle (degrees)	SZA (degrees)	Sun Azim. Rel A/C (degrees)
* 43o 05’N	70o 49’W	16:32	16:32	0 000	219.05	-72.22	3.40	14	235 SW	999 L	58.1	-115.1
* 44o 06’N	75o 40’W	17:03	17:04	32 000	38.70	-75.56	-55.72	48	261 W	2 L	58.9	-108.5
44o 15’N	76o 32’W	17:08	17:10	32 119	116.11	-76.17	-55.96	48	261 W	2 L	59.0	-107.4
44o 41’N	79o 11’W	17:23	17:27	32 479	116.11	-78.02	-56.30	48	261 W	2 L	59.4	-104.3
45o 03’N	81o 52’W	17:38	17:43	32 840	116.11	-79.91	-56.27	44	260 W	2 L	59.7	-101.1
45o 22’N	84o 34’W	17:53	18:00	33 200	116.11	-81.84	-55.82	41	264 W	1 L	60.0	-98.0
45o 36’N	87o 19’W	18:08	18:16	33 560	116.11	-83.79	-54.72	39	271 W	0 L	60.3	-94.9
45o 47’N	90o 04’W	18:23	18:33	33 919	116.11	-85.76	-54.24	41	278 W	0 L	60.5	-91.9
45o 53’N	92o 51’W	18:38	18:49	34 279	116.11	-87.75	-53.96	44	287 WNW	0 R	60.6	-88.8
45o 56’N	95o 37’W	18:53	19:06	34 639	116.11	-89.75	-54.31	49	292 WNW	1 R	60.7	-85.7
45o 54’N	98o 24’W	19:08	19:22	35 000	116.11	-91.75	-54.32	50	286 WNW	2 R	60.7	-82.7
45o 49’N	101o 11’W	19:23	19:39	35 360	116.11	-93.74	-53.75	49	279 W	1 R	60.7	-79.7
45o 39’N	103o 57’W	19:38	19:55	35 720	116.11	-95.72	-53.21	49	275 W	1 R	60.6	-76.6
45o 26’N	106o 41’W	19:52	20:12	36 080	116.11	-97.68	-52.85	51	278 W	1 R	60.5	-73.6
45o 08’N	109o 25’W	20:07	20:28	36 439	116.11	-99.61	-53.06	52	278 W	1 R	60.3	-70.6
44o 47’N	112o 06’W	20:22	20:45	36 799	116.11	-101.51	-53.01	51	278 W	2 R	60.1	-67.5
44o 22’N	114o 45’W	20:37	21:01	37 159	116.11	-103.37	-53.50	47	276 W	2 R	59.8	-64.5
43o 53’N	117o 22’W	20:51	21:17	37 520	116.11	-105.19	-54.27	41	278 W	1 R	59.5	-61.4
43o 21’N	119o 56’W	21:06	21:33	37 880	38.70	-106.97	-54.47	34	280 W	1 R	59.2	-58.4
* 43o 10’N	120o 47’W	21:11	21:38	38 000	79.91	163.83	-54.60	34	279 W	1 R	59.1	31.3
41o 53’N	120o 17’W	21:22	21:49	38 000	119.87	164.17	-54.76	36	275 W	3 R	58.6	34.9
39o 57’N	119o 34’W	21:37	22:04	38 000	119.87	164.64	-56.76	41	255 WSW	4 R	58.0	39.7
38o 02’N	118o 54’W	21:52	22:19	38 000	39.96	165.06	-57.77	45	246 WSW	5 R	57.8	44.6
* 37o 23’N	118o 41’W	21:57	22:24	38 000	152.68	165.19	-57.28	45	241 WSW	5 R	57.9	46.2
* 34o 55’N	117o 53’W	22:27	22:57	0 784	N/A	N/A	9.28	5	98 E	0 R	59.8	N/A

* Denotes a way point