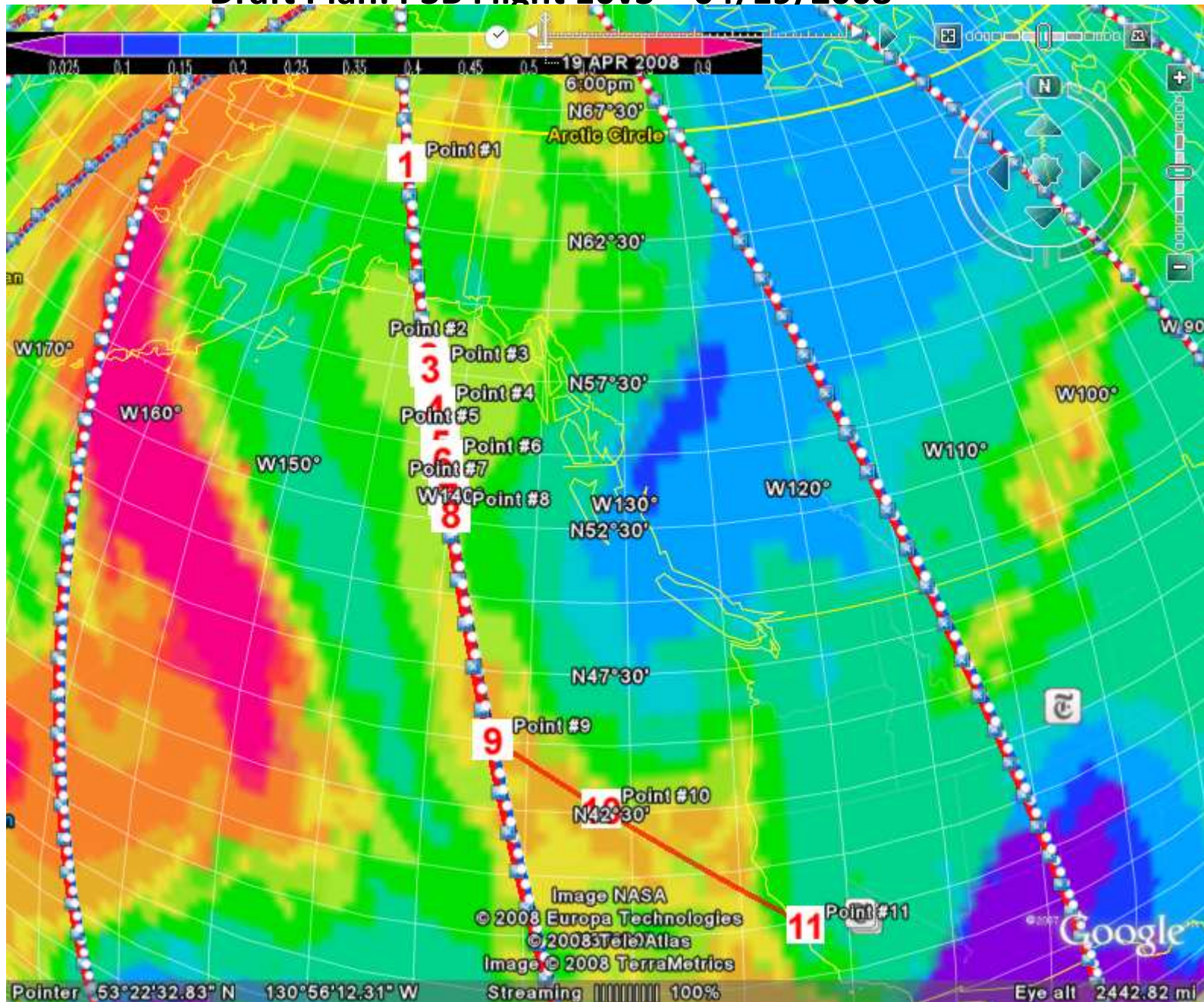


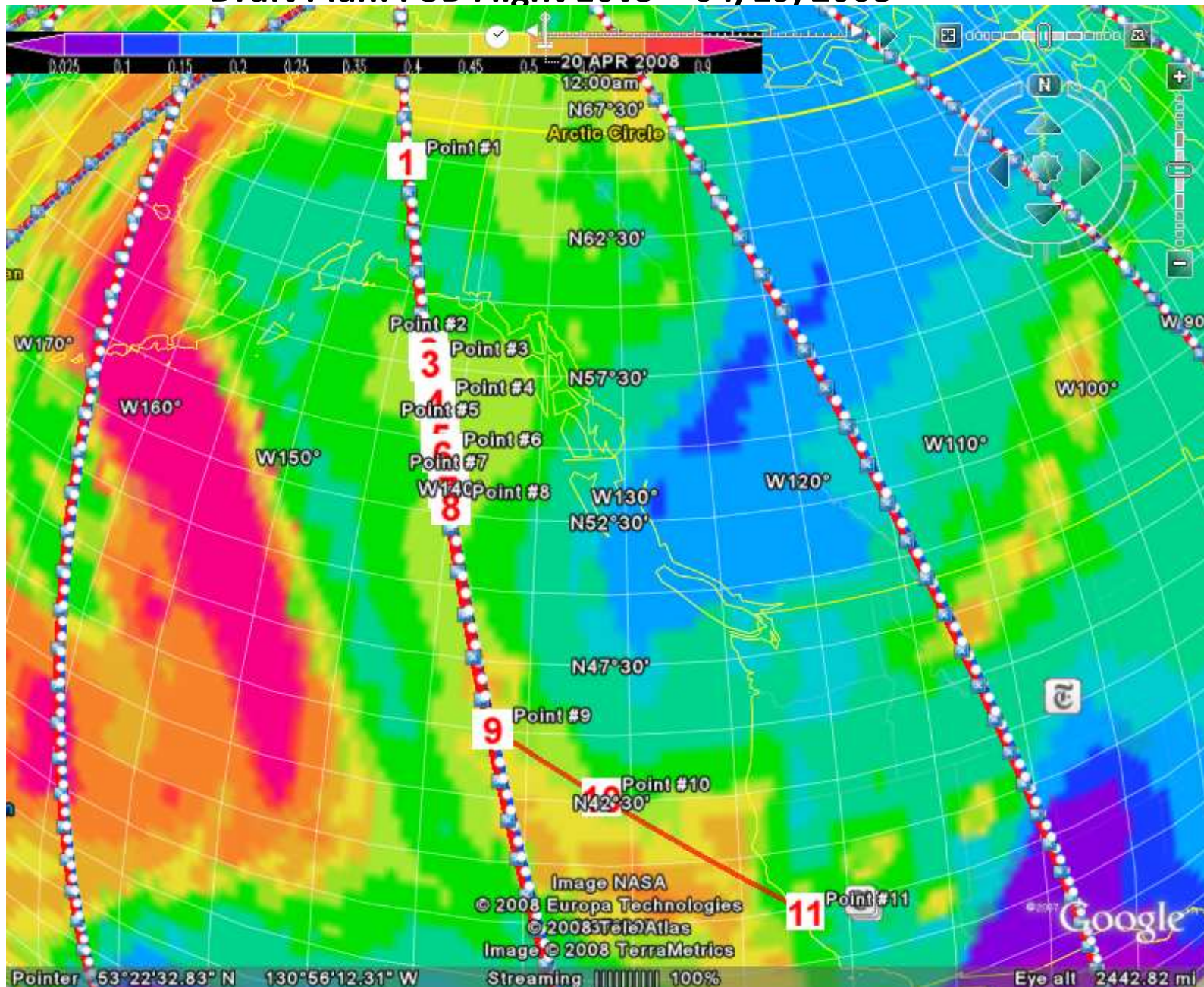
# Draft Plan: P3B Flight 10v3 – 04/19/2008



STEM Total AOD, 1800 UTC (1000 ADT) 19 Apr



# Draft Plan: P3B Flight 10v3 – 04/19/2008



STEM Total AOD, 0000 UTC 20 Apr (1600 ADT, 1700 PDT 19 Apr)

Point	Lat (+- 90)	Lon (+- 180)	Speed (m/s)	Delay T (h:m)	Altitude (m)	Cum Leg T(h:m)	UTC (h:m)	Local T (h:m)	Leg T (h:m)	Dist (km)	Cum dist (km)	Dist (nm)	Cum dist (nm)	Speed (kt)	Altitude (kft)	Notes
1	64.8141	-147.855	150	0:00	0	0	18:10	10:10	0	0	0	0	0	292	0.00	Fairbanks
2	58.08	-142.682	160	0:11	500	1:40	19:50	11:50	1:40	797	797	430	430	311	1.64	Poker Flat
3	57.65	-142.4	160	0:00	7,500	1:45	19:55	11:55	0:06	51	847	27	457	311	24.61	CALIPSO/MLS track; rendezvous w DC-8; receive alt of intercomp leg
4	56.325	-141.674	150	0:00	7,500	2:01	20:11	12:11	0:17	154	1,001	83	540	292	24.61	Start in-progress descent to intercomp alt
5	55.151	-141.046	140	0:00	3,000	2:16	20:26	12:26	0:16	136	1,137	74	614	272	9.84	Start wingtip-wingtip level leg
6	54.563	-140.743	120	0:00	3,000	2:25	20:35	12:35	0:09	68	1,205	37	651	233	9.84	End wingtip-to-wingtip level leg; start descent; DC-8 will match P-3 speed 30 min more
7	53.386	-140.16	120	0:00	60	2:43	20:53	12:53	0:19	136	1,341	74	724	233	0.20	Start leg in DC-8 lidar curtain
8	52.796	-139.879	120	0:11	60	3:04	21:14	13:14	0:21	68	1,410	37	761	233	0.20	Includes time for spiral up
9	45.09	-136.712	140	0:00	3,000	5:07	23:17	15:17	2:04	887	2,296	479	1,240	272	9.84	Continue work along CALIPSO track (CALIPSO OP is 2219 UT)
10	42.7	-131.4	160	0:00	60	6:07	0:17	16:17	0:04	501	2,798	271	1,511	311	0.20	Depart CALIPSO track for Ames; minimum alt?
11	37.409	-122.0503	160	0:10	60	0.3333	2:10	18:10	1:53	988	3,786	533	2,044	311	0.20	Ames