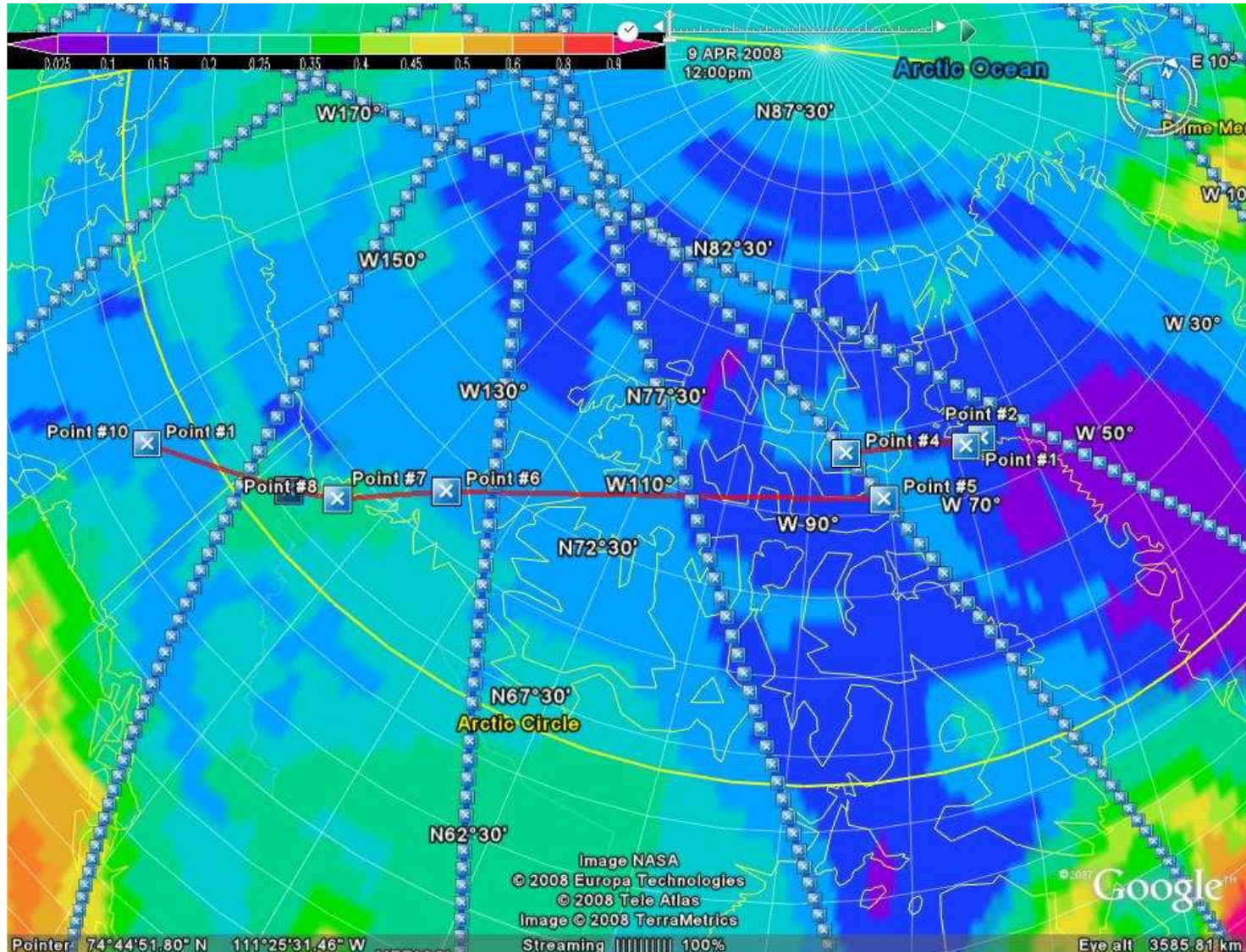


**Flight Plan**  
**P-3B ARCTAS Fairbanks-Eureka-Thule Flight**  
**8 Apr 2008**

**Goals:** BRDF of Arctic surface (clouds permitting) CALIPSO intercomparison, AOD plume near Waypoints 7-8, POSSIBLE SIGNIFICANT ASIAN PLUME NEAR FAIRBANKS. POSSIBLY CLOUD FREE.



Lat(+90)	Lon(+180)	Speed(m/s)	delayT(min)	Altitude(m)	CumLegT(h:m)	UTC(h:m)	LocalT(h:m)	LegT(h:m)	Dist(km)	CumDist(km)	Dist(nm)	CumDist(nm)	
76.531	-68.703	160	5	1000	0	15:00	12:00	0	0	0	0	0	Takeoff
76.6	-66.21	160	60	2000	1:07	16:07	13:07	1:07	64.81	64.81	35	35	transit and CAR circ
76.6	-66.21	160	25	8000	1:32	16:32	13:32	0:25	0	64.81	0	35	climb to Calipso and
76.905	-85.513	160	0	100	2:23	17:23	14:23	0:52	490.49	555.31	264.85	299.84	start Calipso underfl
75.45	-80.845	160	0	100	2:45	17:45	14:45	0:22	203.6	758.91	109.93	409.78	end, climb and trans
71.5	-127	160	0	8000	5:19	20:19	17:19	2:35	1479.34	2238.25	798.78	1208.56	Pick spiral location
71.5	-127	160	30	8000	5:49	20:49	17:49	0:30	0	2238.25	0	1208.56	spiral down for radia
69	-134	160	0	100	6:28	21:28	18:28	0:40	382.01	2620.26	206.27	1414.83	possible 100m legg
68	-137.5	160	0	5000	6:47	21:47	18:47	0:19	180.7	2800.96	97.57	1512.4	climb to 5000m
64.814	-147.855	160	0	5000	7:48	22:48	19:48	1:01	579.71	3380.67	313.02	1825.41	land

NOTE: POSSIBLE SIGNIFICANT ASIAN PLUME NEAR FAIRBANKS. POSSIBLY CLOUD FREE, MAY WANT TO SAVE TIME INSTEAD

