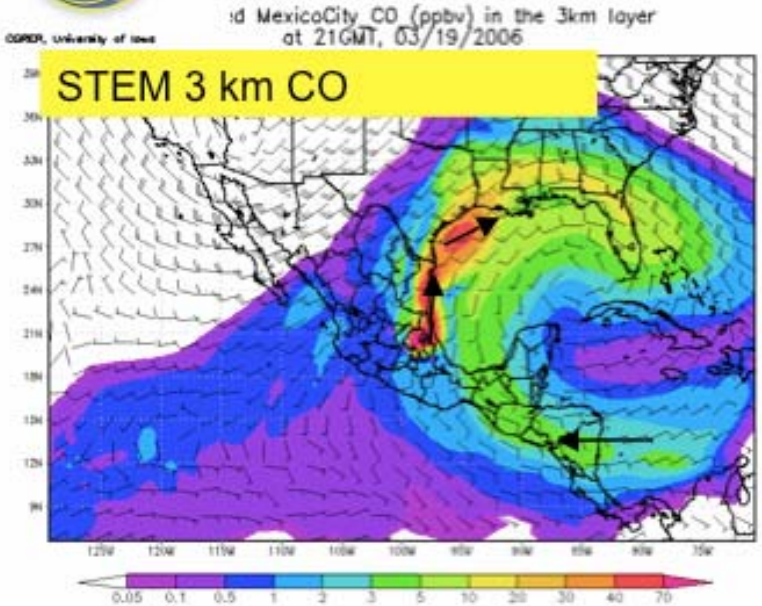
INTEX-B 3 PM Science Team meeting 3/17/06

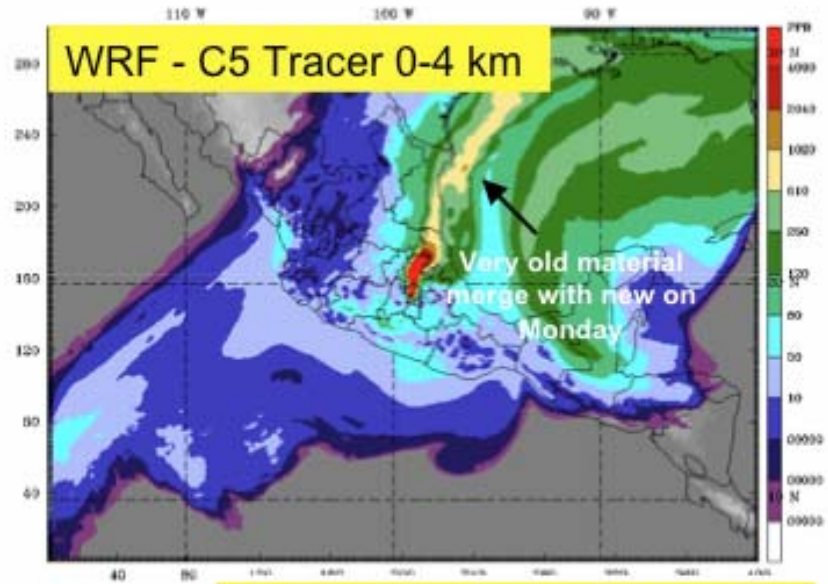
- Overview of activities & status (Singh)
  - DC-8/Satellite/C-130/G1/J-31 status
  - DC-8 plans
- Met overview (Fuelberg)
- Flight planning considerations (Jacob)
- Brief science presentations (5-8 minutes)
  - DC-8 measurements (Crawford/Flight 7 perspective)
  - DC-8 measurements (Dibb/SAGA)

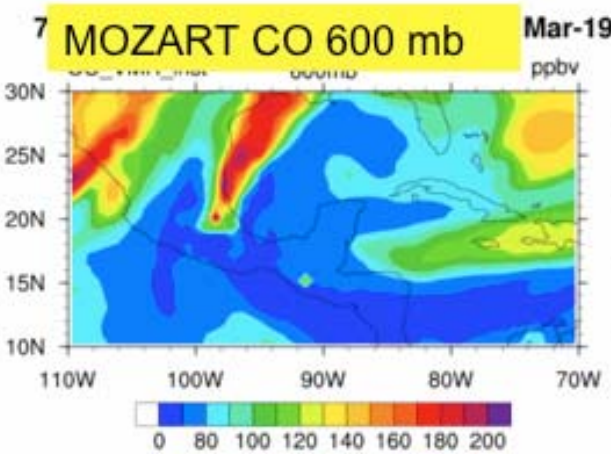
DC-8 Flight Plans

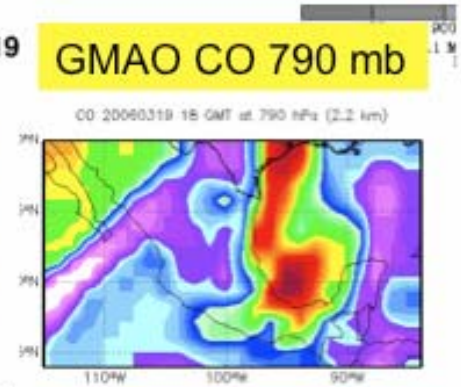
- **Thursday (3/16): DC-8 mission**
  - **MC outflow**
  - **Near source (boundary layer) sampling of MC**
  - **Satellite validation (TES/OMI)**
- **Friday & Saturday (3/17-18): No flight day**
- **Sunday (3/19):**
  - **MC outflow**
  - **Near source (boundary layer) sampling of MC**
  - **Satellite validation (TES/OMI)**
  - **J-31 coordination**
- **Monday (3/19): Packing**
- **Tuesday (3/21): Transit to Ames (night flight)**
  - **Aura/HIRDLS validation**

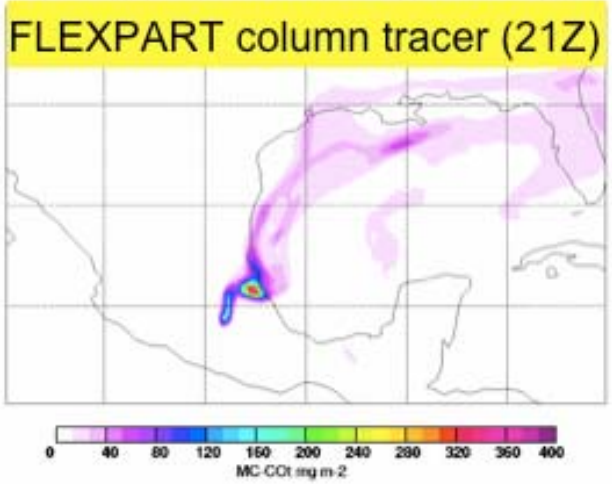
Sunday March 19, 21 UTC (15 LT)

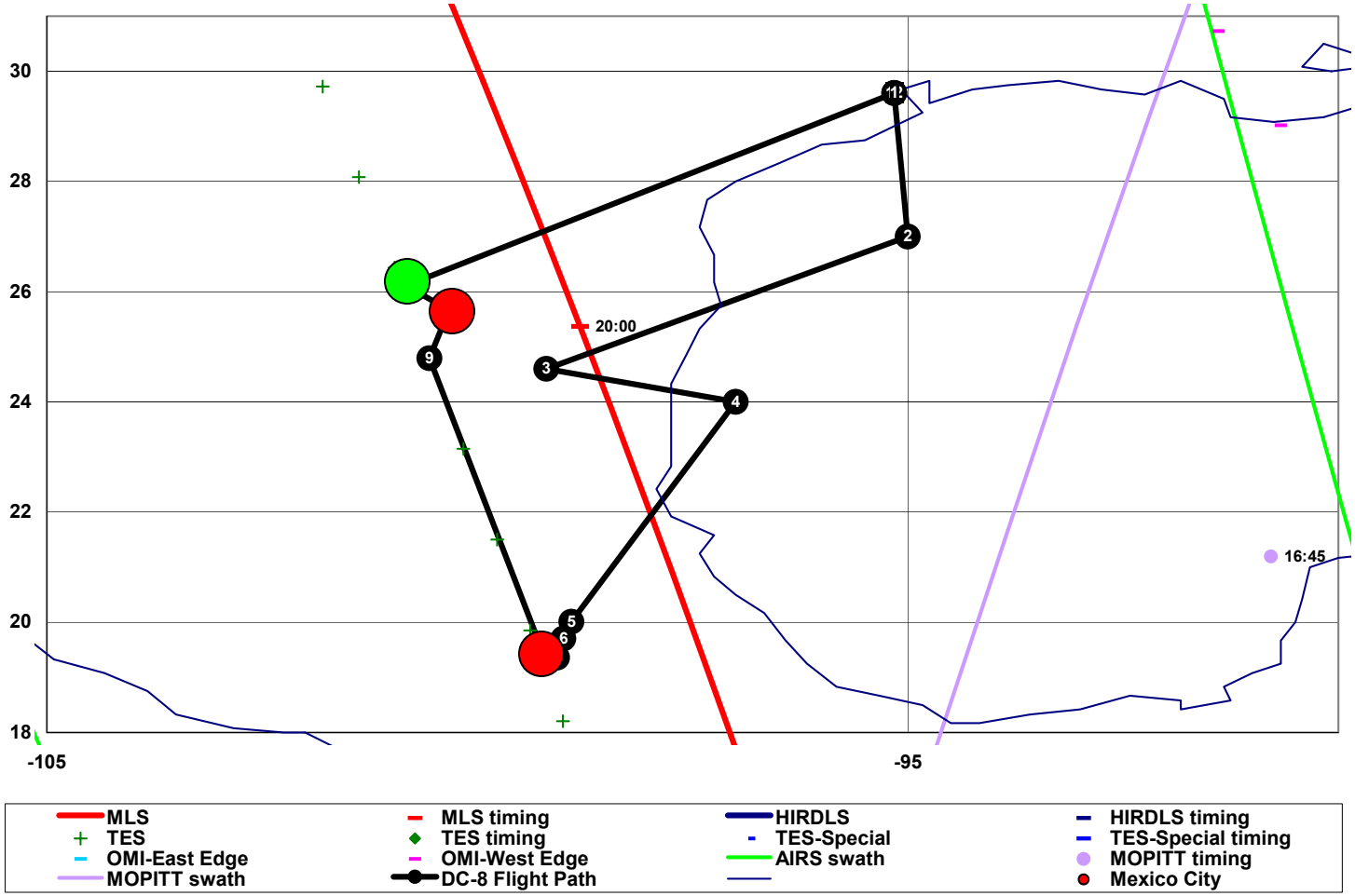












Flight 8

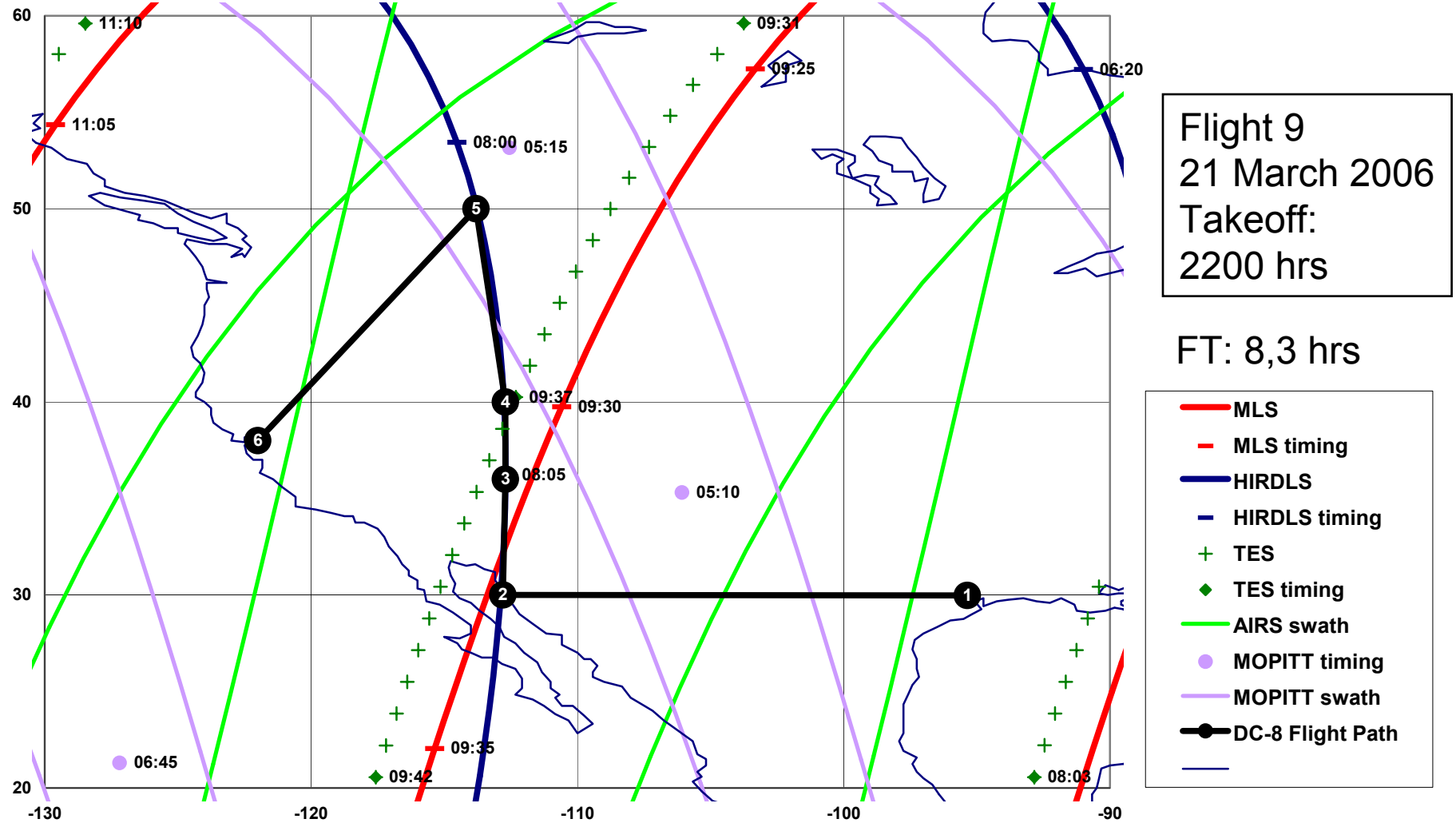
19 March, 2006

1050 hrs (LT)

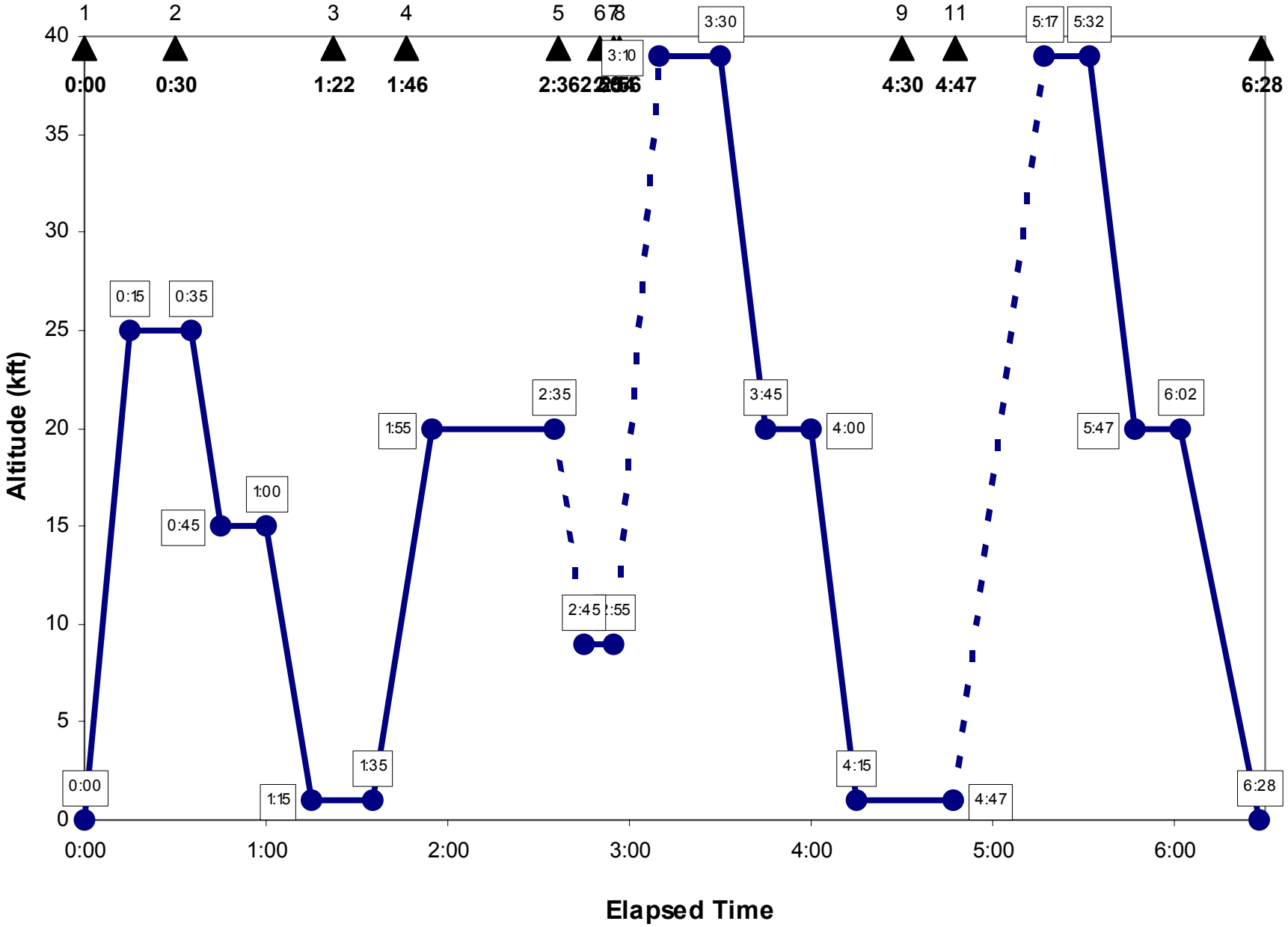
Takeoff

FT: 6hrs

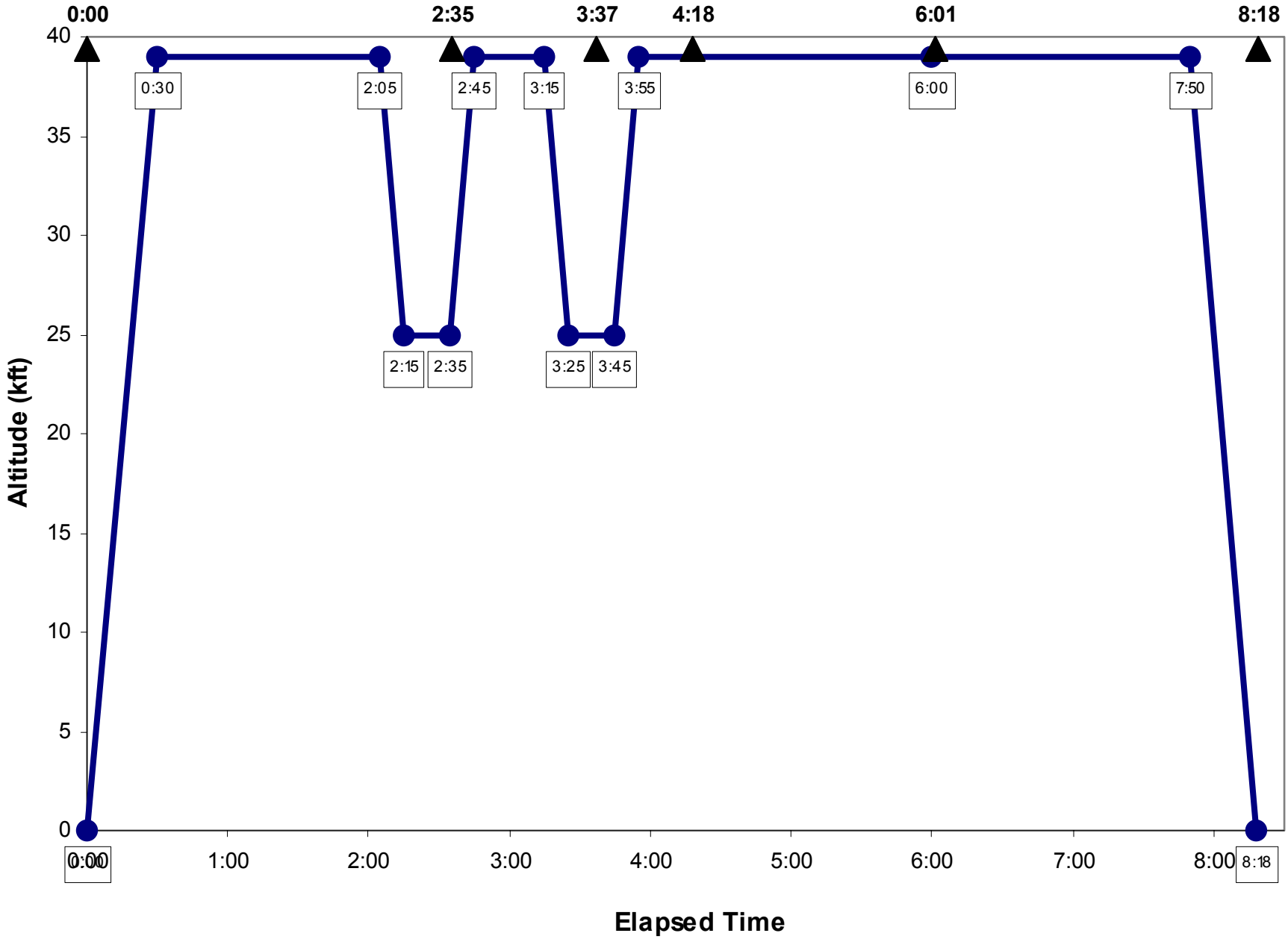
Point	1	2	3	4	5 (T2)	6 (T1)	7 (T0)	8	9	10	11	12
Latitude	29.60733	27	24.6	24	20.01018	19.70307	19.35898	19.4538	24.793	25.67	26.1067	29.60733
Longitude	-95.1588	-95	-99.2	-97	-98.9088	-98.9986	-99.0735	-99.2399	-100.557	-100.33	-100.831	-95.1588
Cum. Flt. Time	0:00	0:30	1:22	1:46	2:36	2:50	2:54	2:56	4:30	4:40	4:47	6:28
Leg Flt. Time		0:30	0:51	0:24	0:50	0:03	0:04	0:02	1:03	0:10	0:07	1:10
Local Time	10:50	11:20	12:12	12:36	13:26	13:40	13:44	13:46	15:20	15:30	15:37	17:18
UTC	16:50	17:20	18:12	18:36	19:26	19:40	19:44	19:46	21:20	21:30	21:37	23:18
Spiral					0:10			0:30			0:30	



Point	1	2	3	4	5	6
Latitude	29.97	30	36	40	50	38
Longitude	-95.35	-112.8	-112.7	-112.7	-113.8	-122
Cum. Flt. Time	0:00	2:35	3:37	4:18	6:01	8:18
Leg Flt. Time		2:35	1:01	0:41	1:43	2:17
Local Time	22:00	0:35	1:37	2:18	4:01	6:18
UTC	4:00	6:35	7:37	8:18	10:01	12:18



Note: In-Progress profiling is solid; Spirals are dotted; Way points annotated with triangles (?).



Note: In-Progress profiling in **Blue**; Spirals in **Red**; Way points annotated with triangles (?).