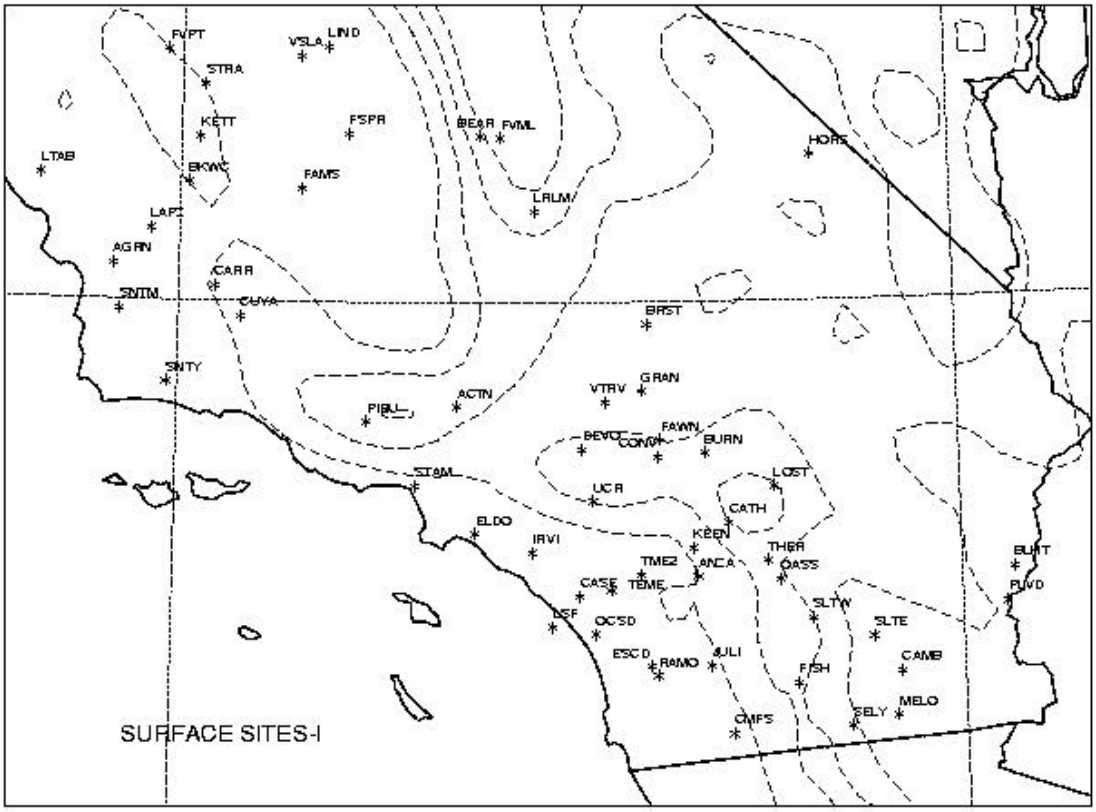

Figure 65. Selected SoCAB surface observational sites (Part I).

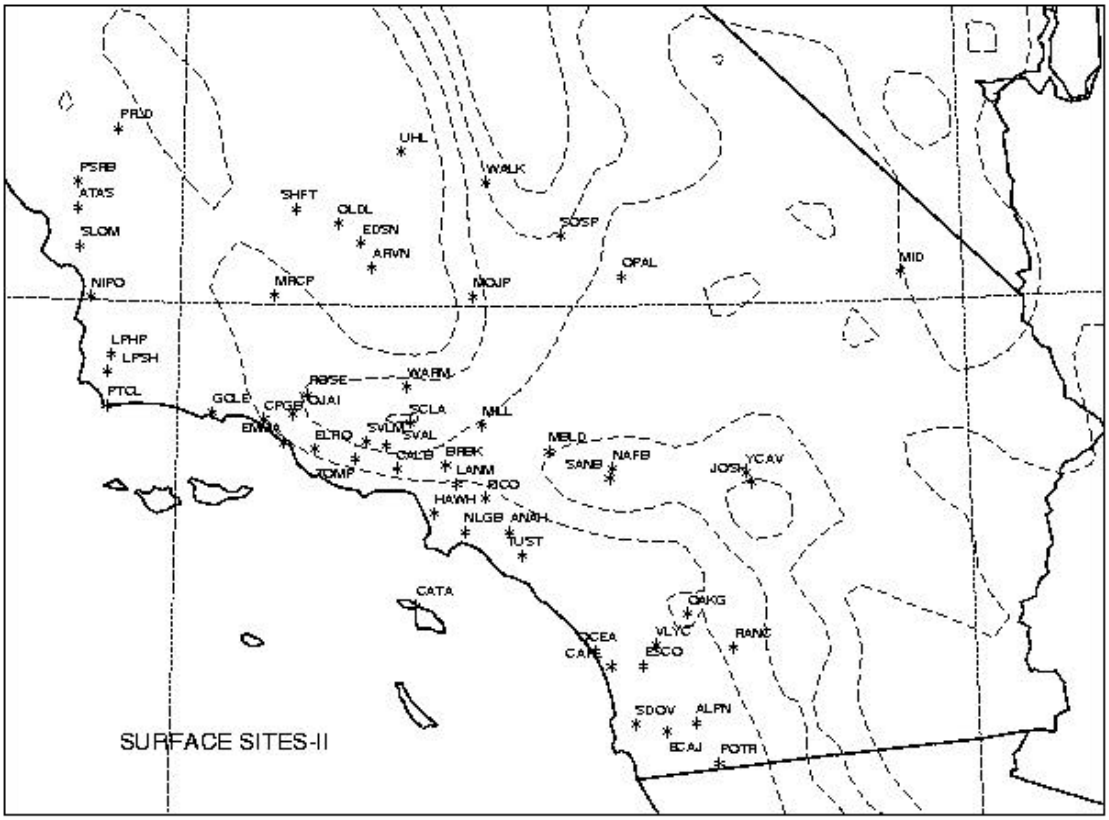

Figure 66. Selected SoCAB surface observational sites (Part II)

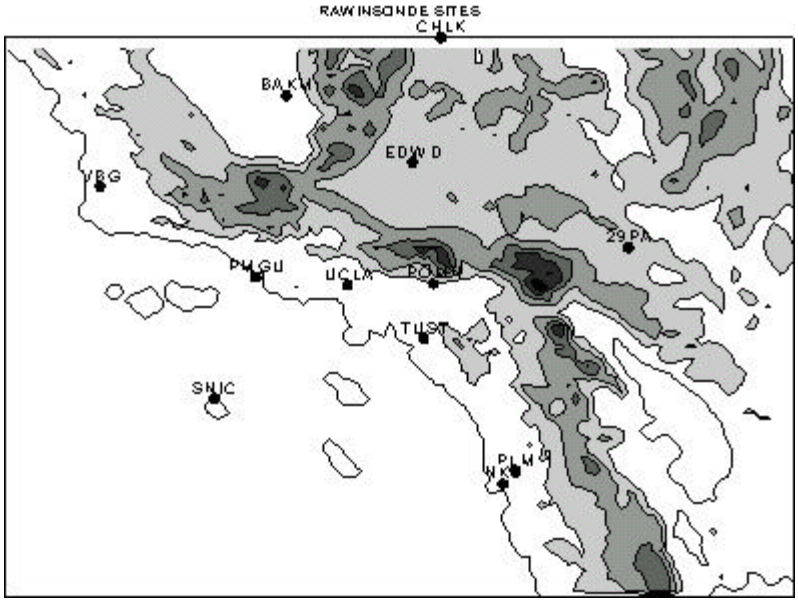

Figure 67a. SoCAB rawinsonde observational sites.

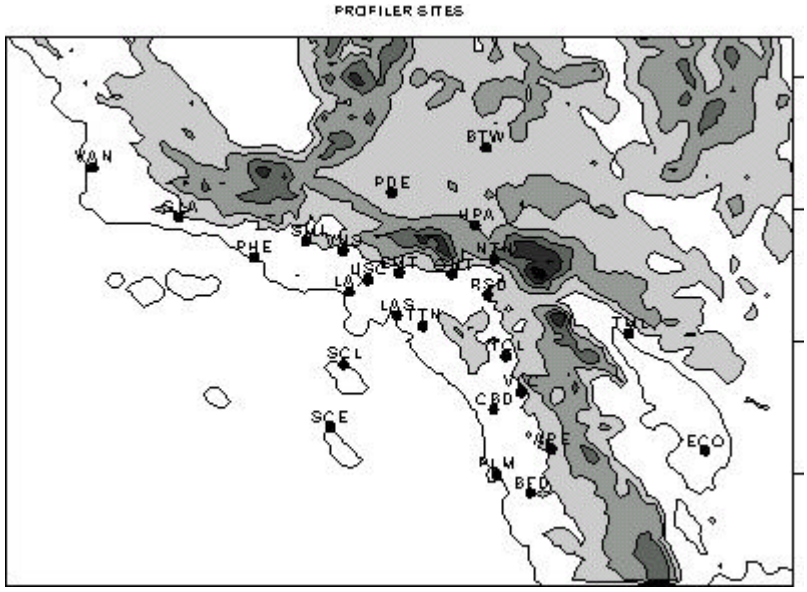

Figure 67b. RWP/RASS profiler observational sites.

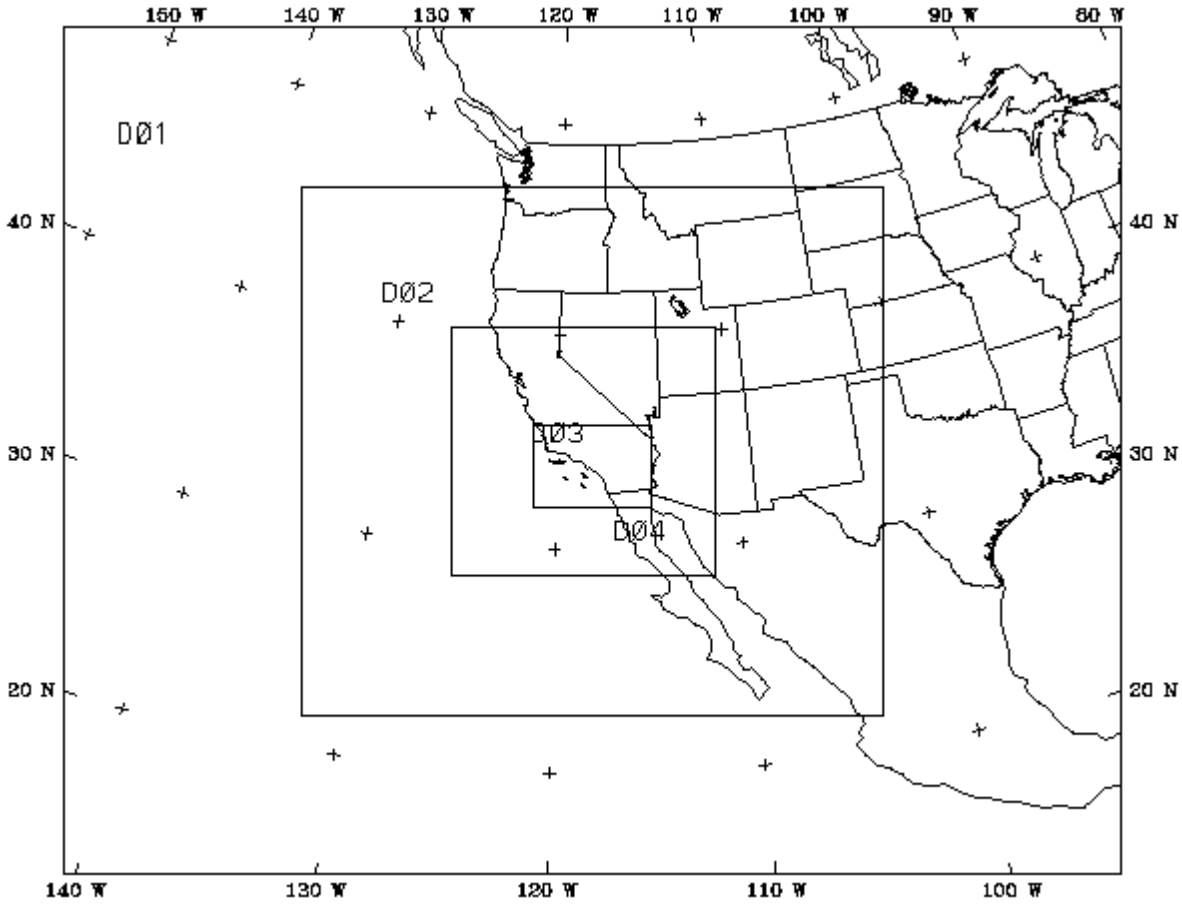

Figure 68. MM5 domains

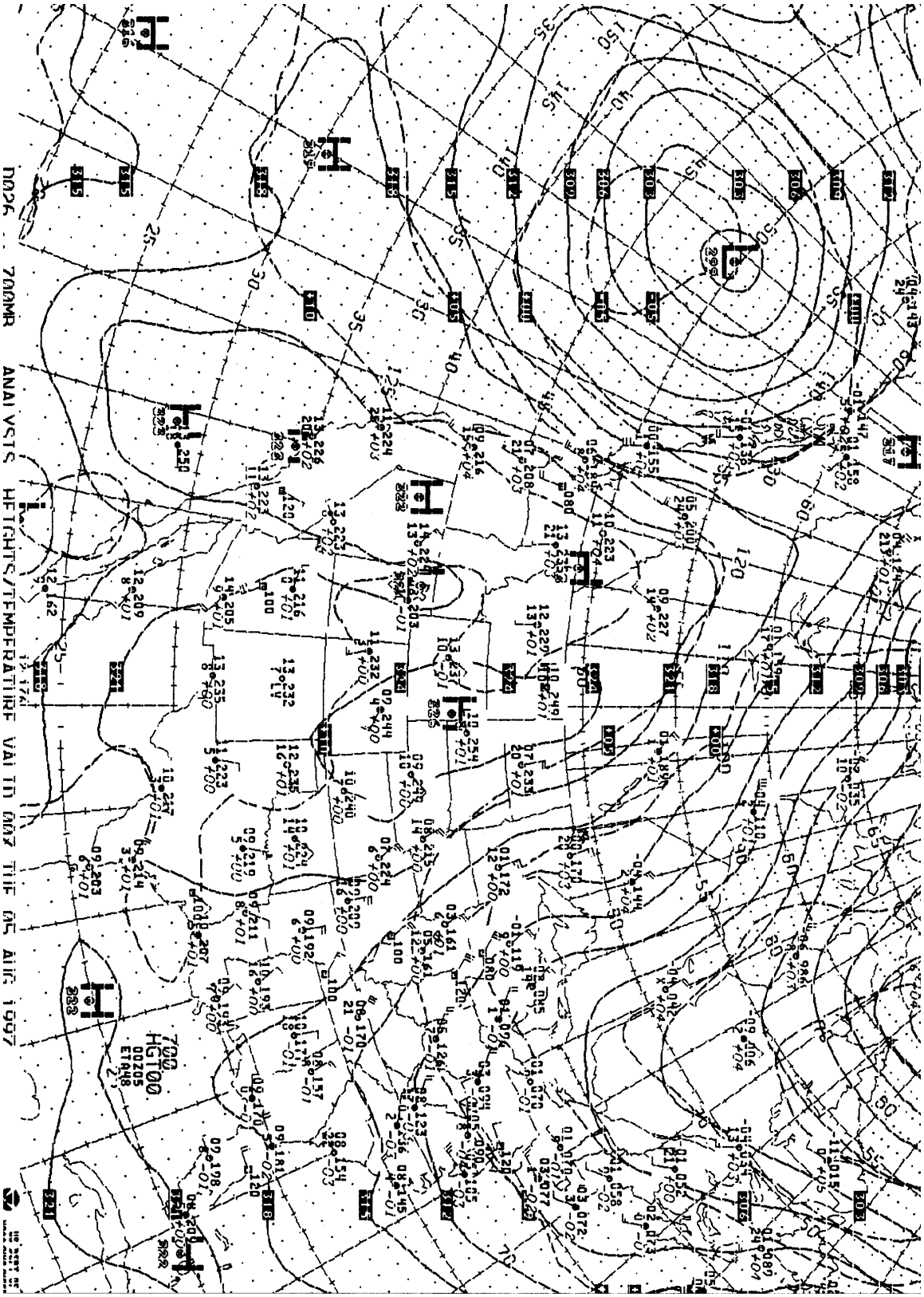

Figure 69a. 700mb NWS weather charts (height contour interval of 30 m) at 05/00UTC.

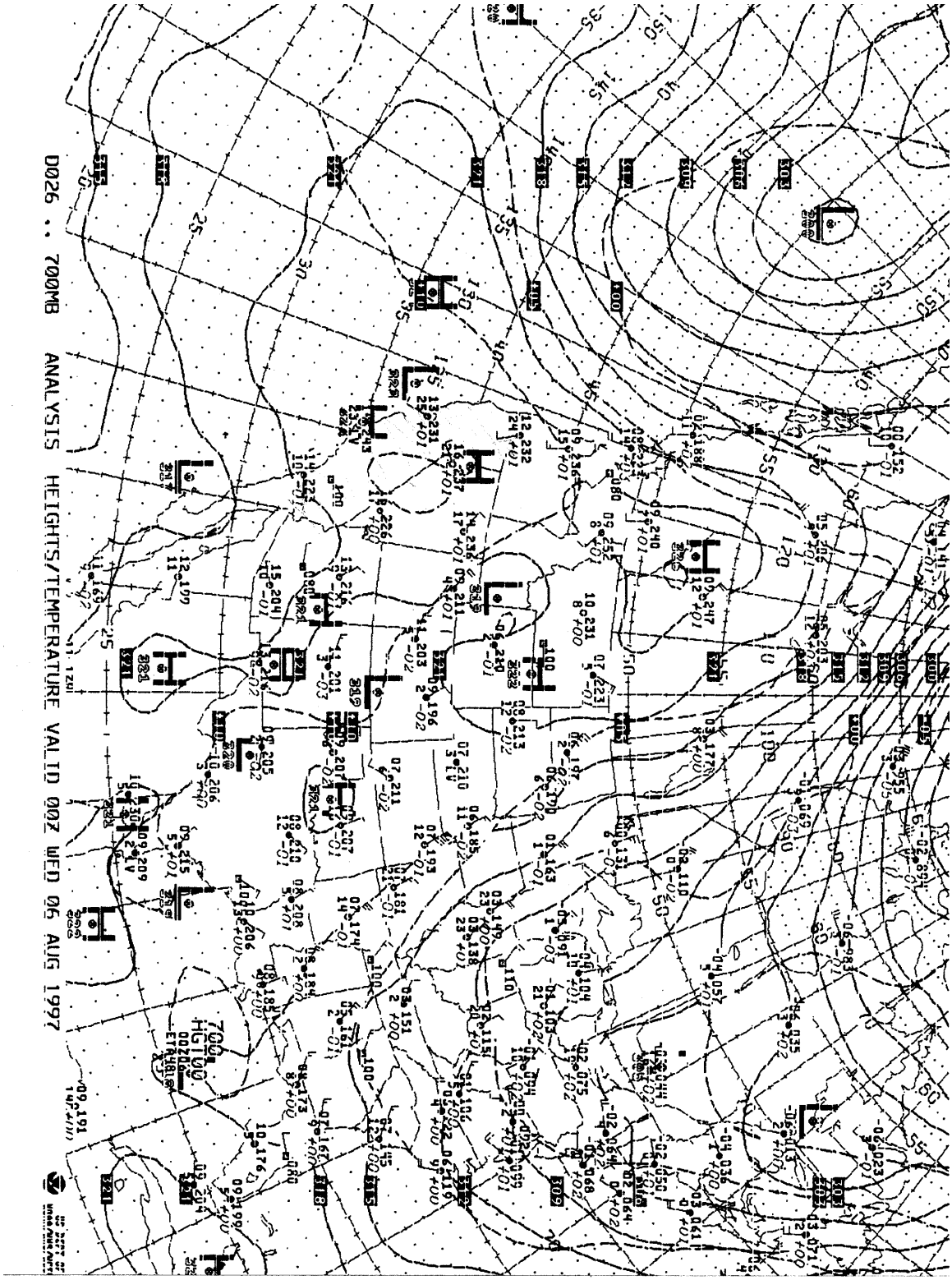

Figure 69 b. 700mb NWS weather charts (height contour interval of 30 m) at 06/00UTC.

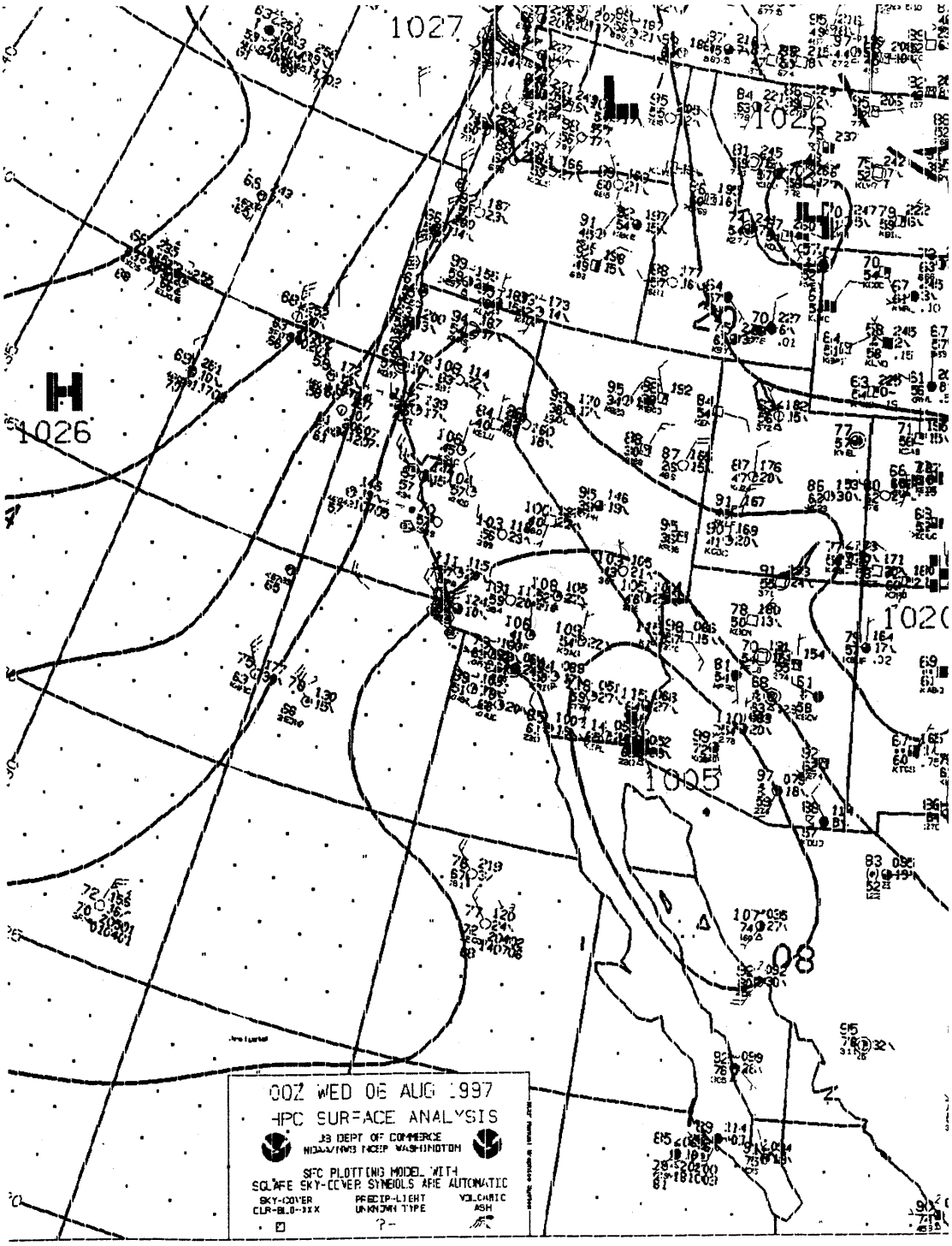

Figure 70. Surface NWS weather charts (isobar interval of 4 mb) at 06/00UTC.

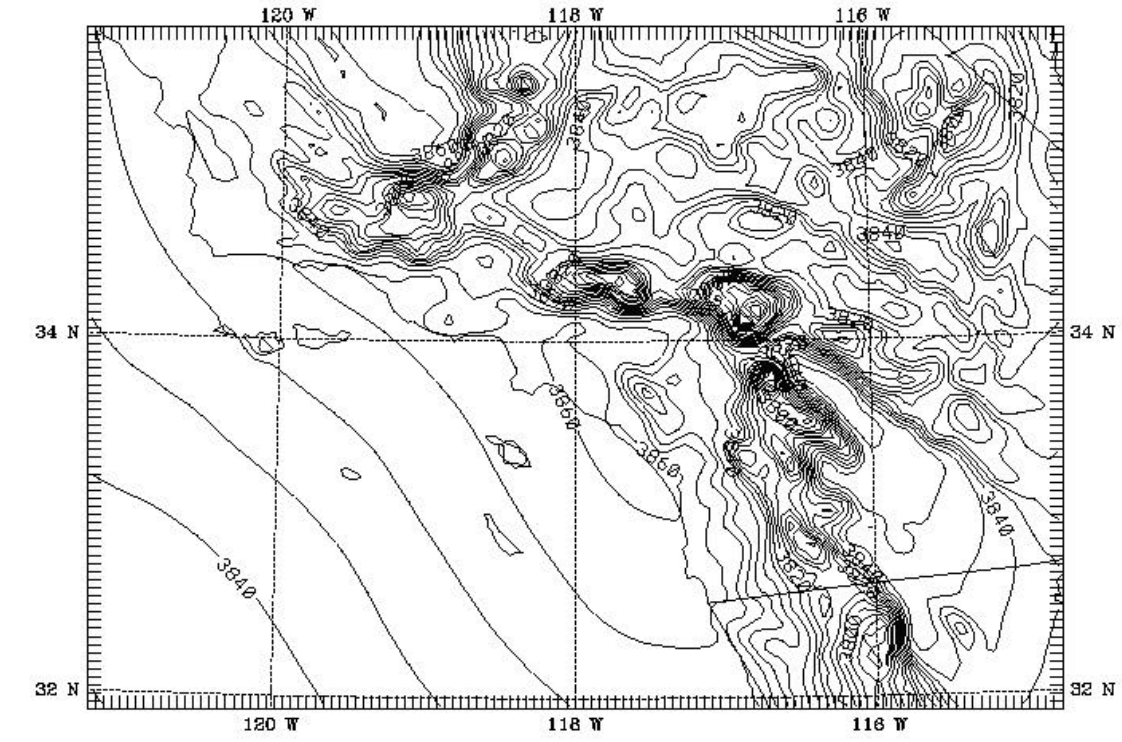

Figure 71a. GDAS model 650 mb heights (height contour interval of 5 m) for 05/00UTC.

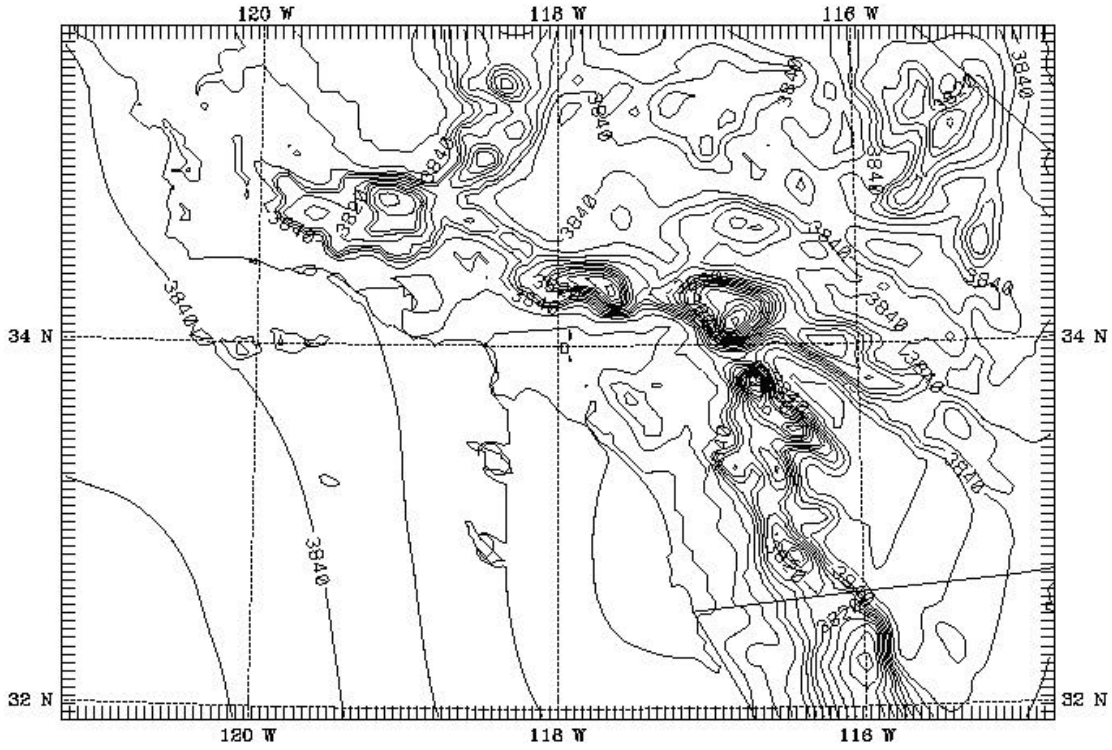

Figure 71b. GDAS model 650 mb heights (height contour interval of 5 m) for 05/12UTC.

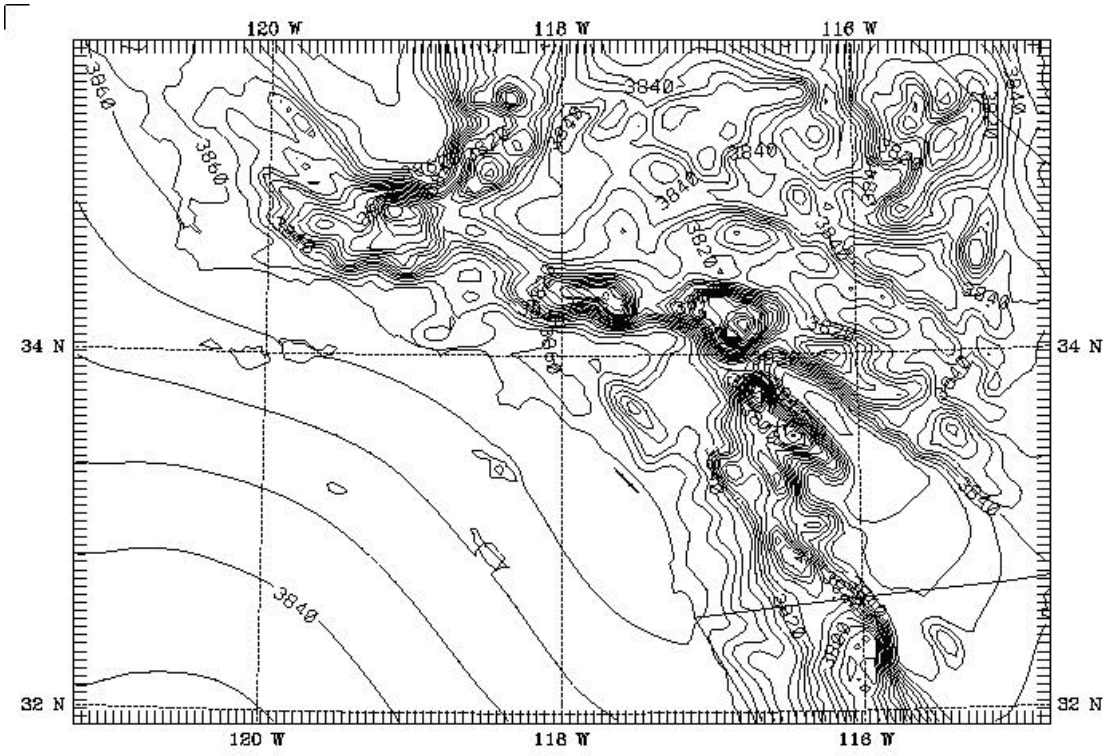

Figure 71c. GDAS model 650 mb heights (height contour interval of 5 m) for 06/00UTC.

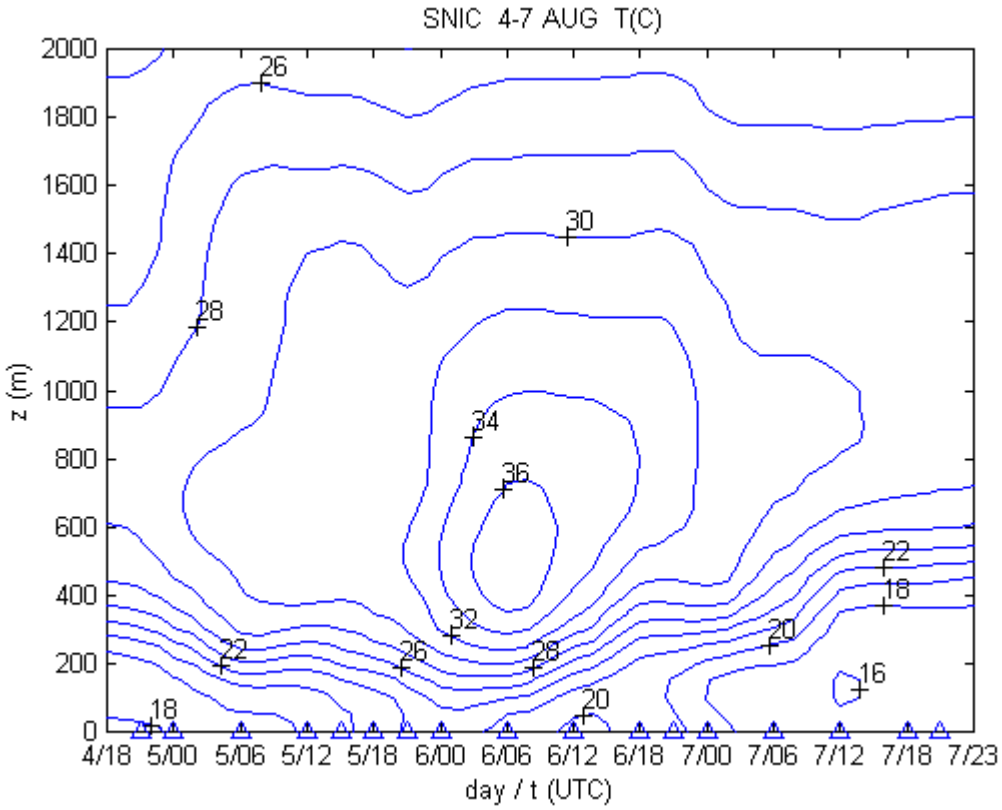

Figure 72a.Rawinsonde temperature (^{0}C) time section at SNIC.

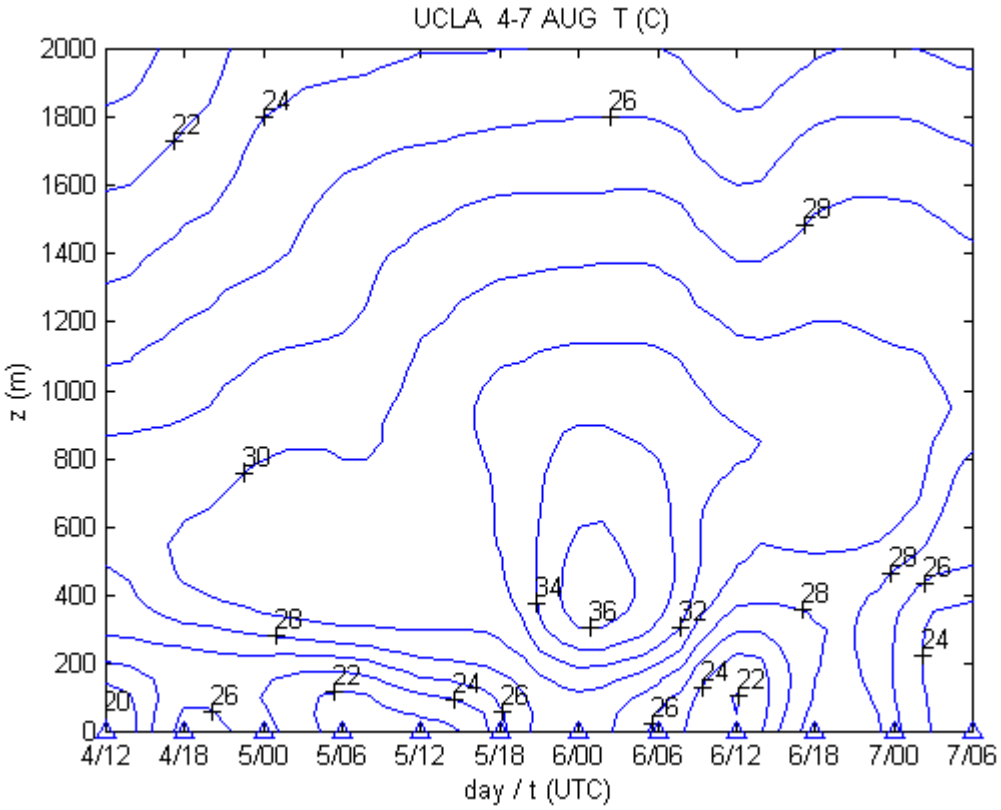

Figure 72b.Rawinsonde temperature (^{0}C) time section at UCLA.

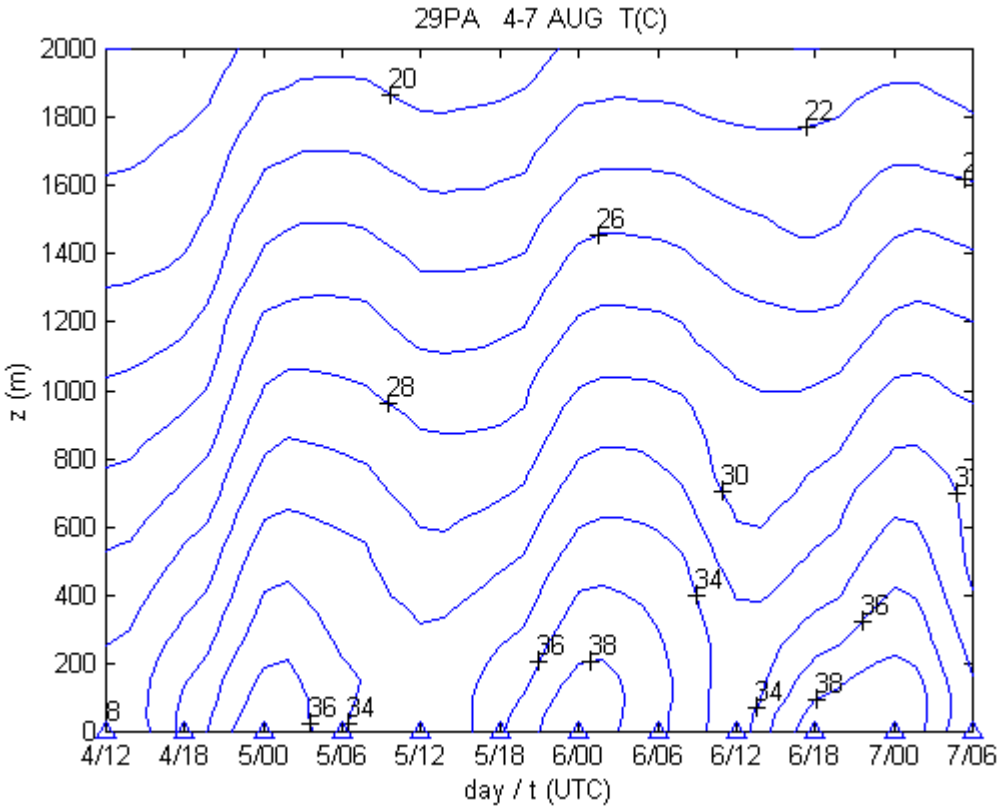

Figure 72c.Rawinsonde temperature (^{0}C) time section at 29PA.

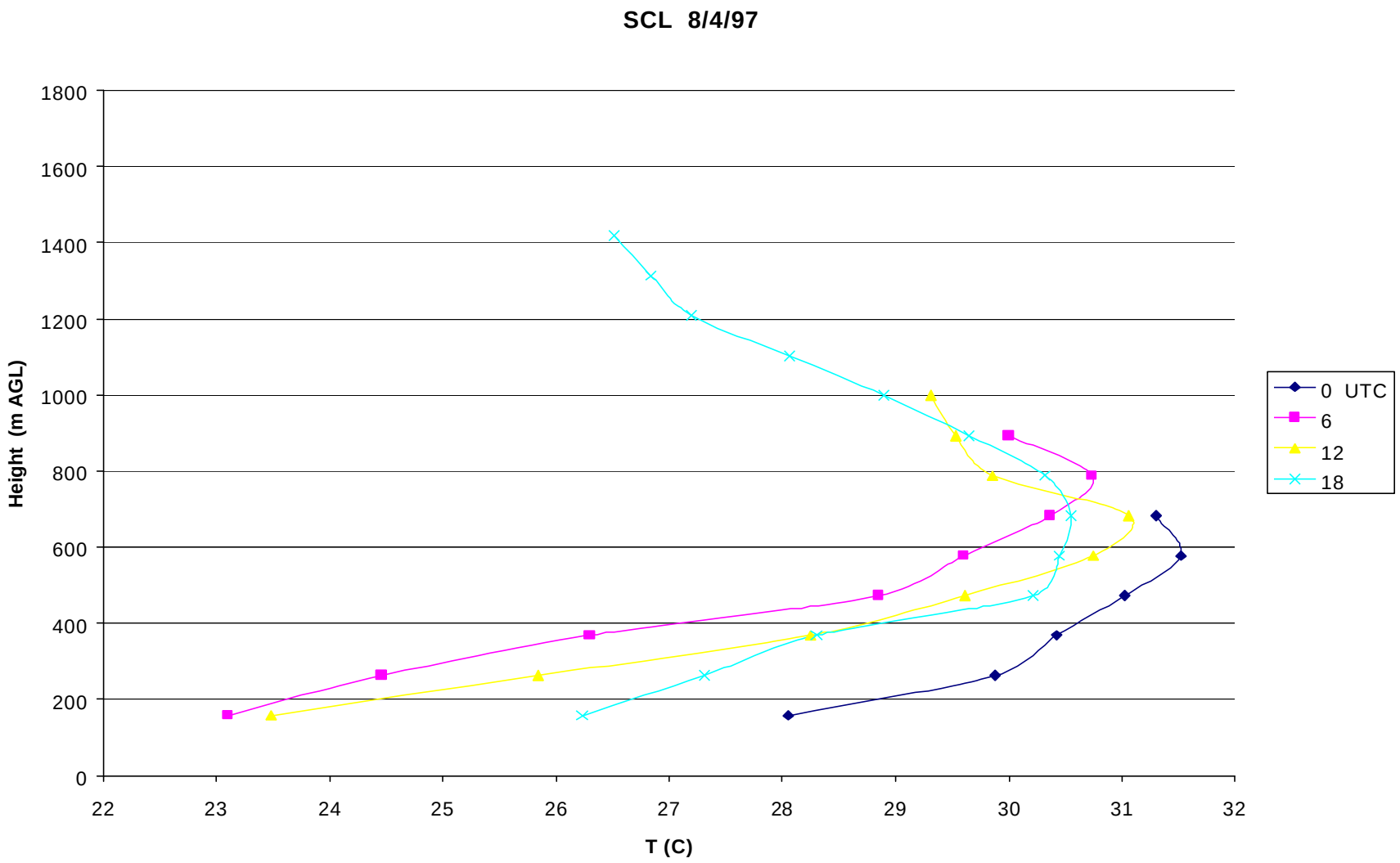

Figure 73a. RASS 6-hourly SCL temperature (^{0}C) profiles on 4 August.

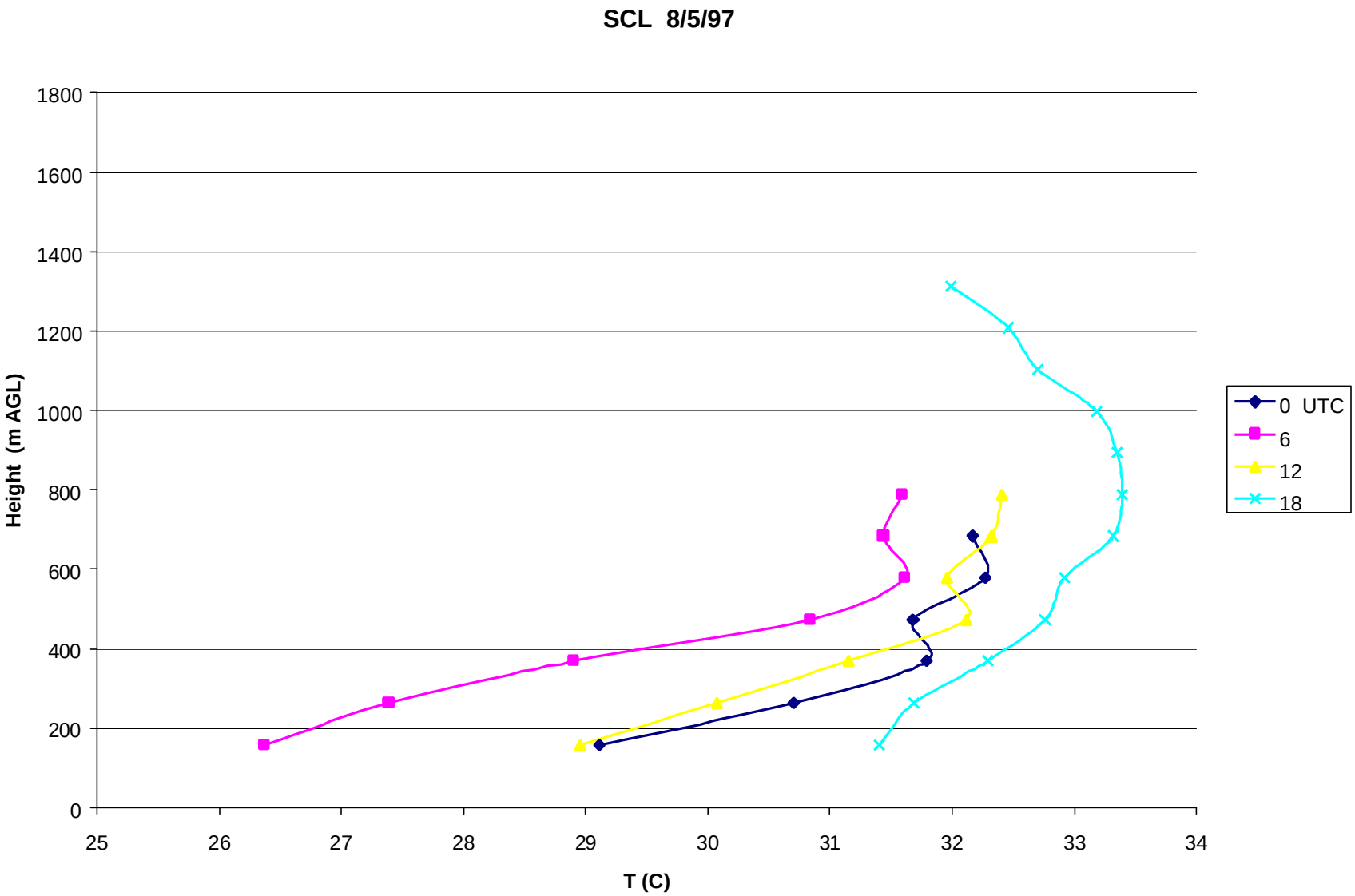

Figure 73b. RASS 6-hourly SCL temperature (^{0}C) profiles on 5 August.

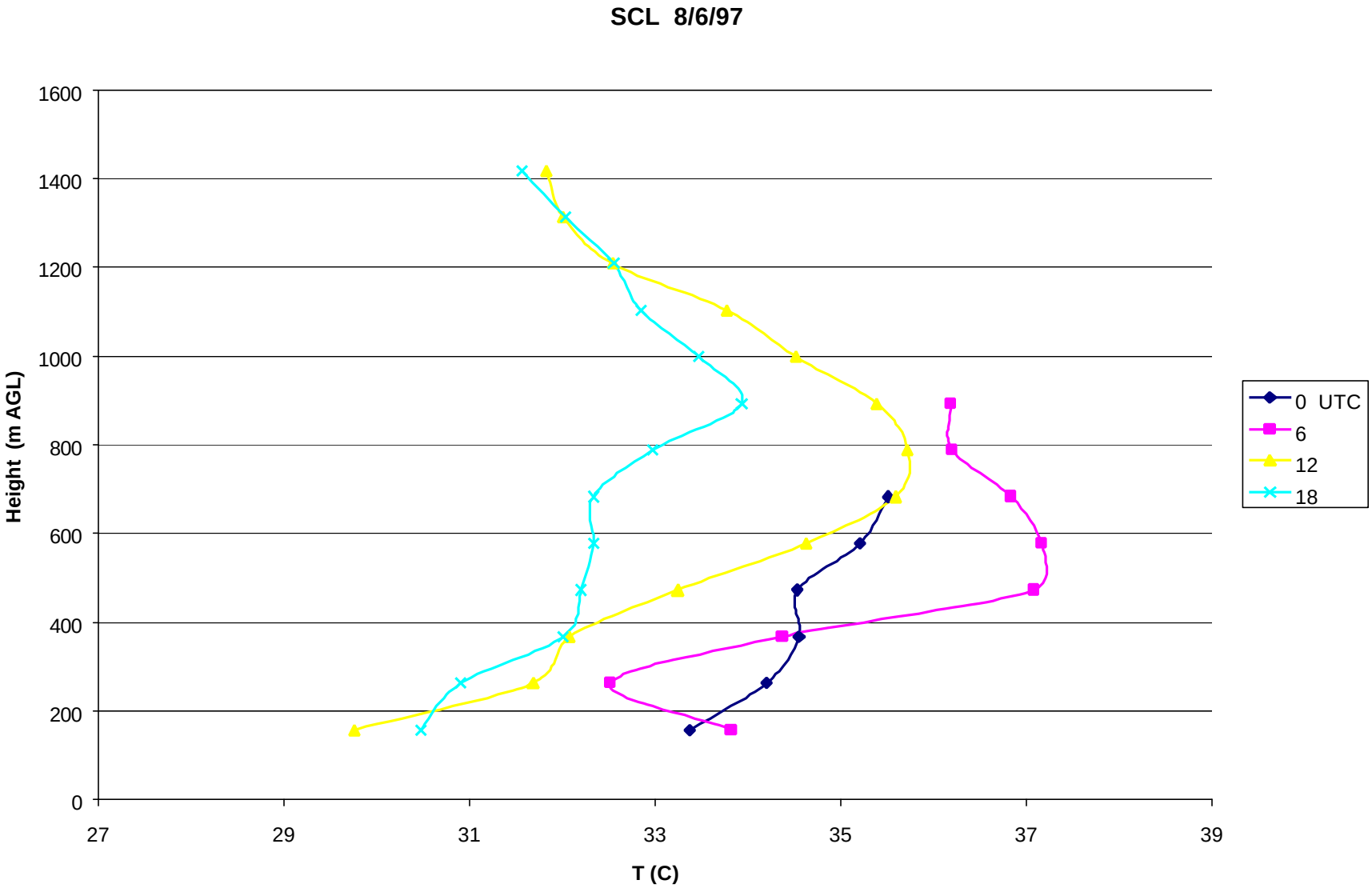

Figure 73c. RASS 6-hourly SCL temperature (^{0}C) profiles on 6 August.

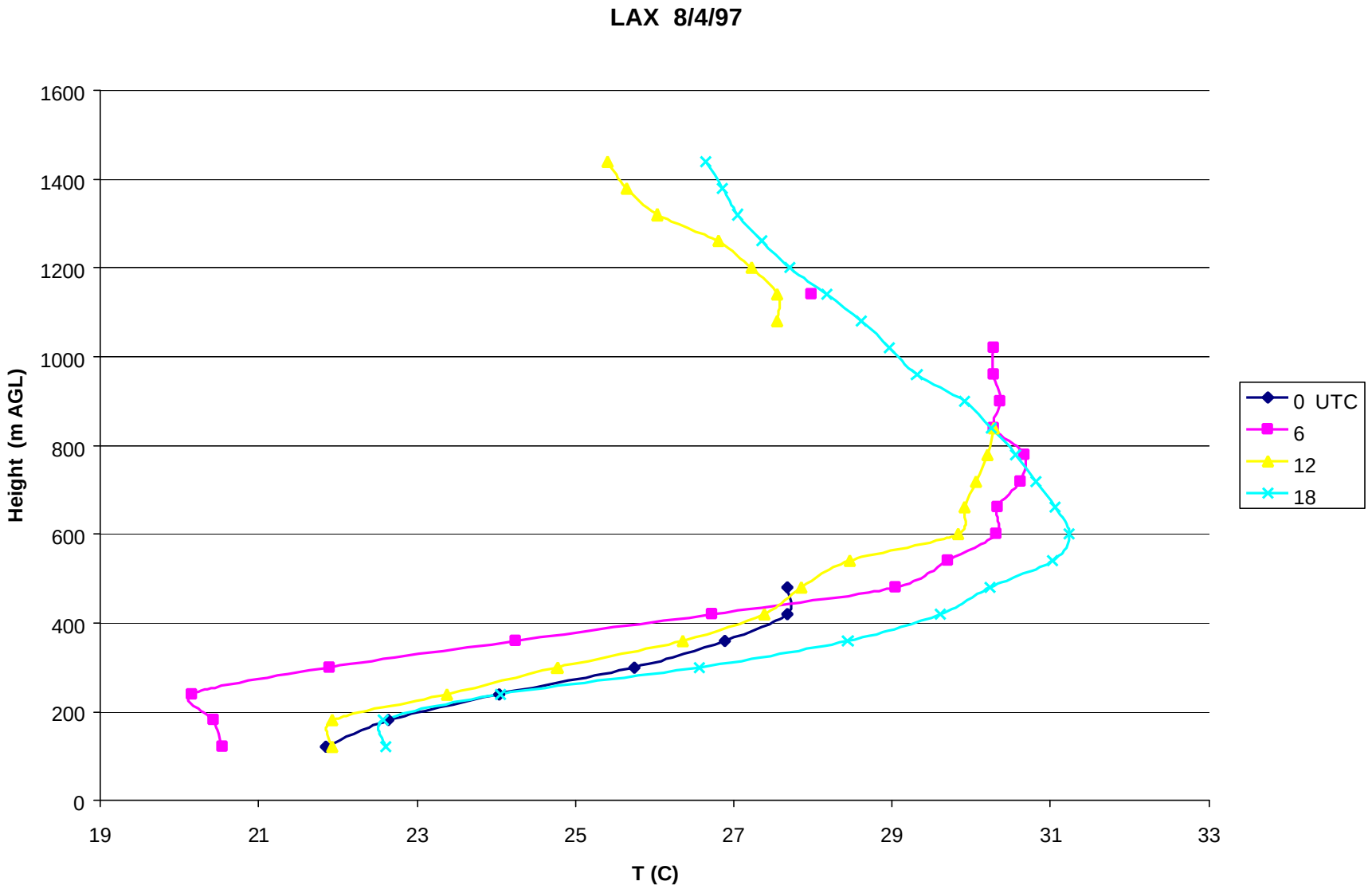

Figure 74a. RASS 6-hourly LAX temperature (^{0}C) profiles on 4 August.

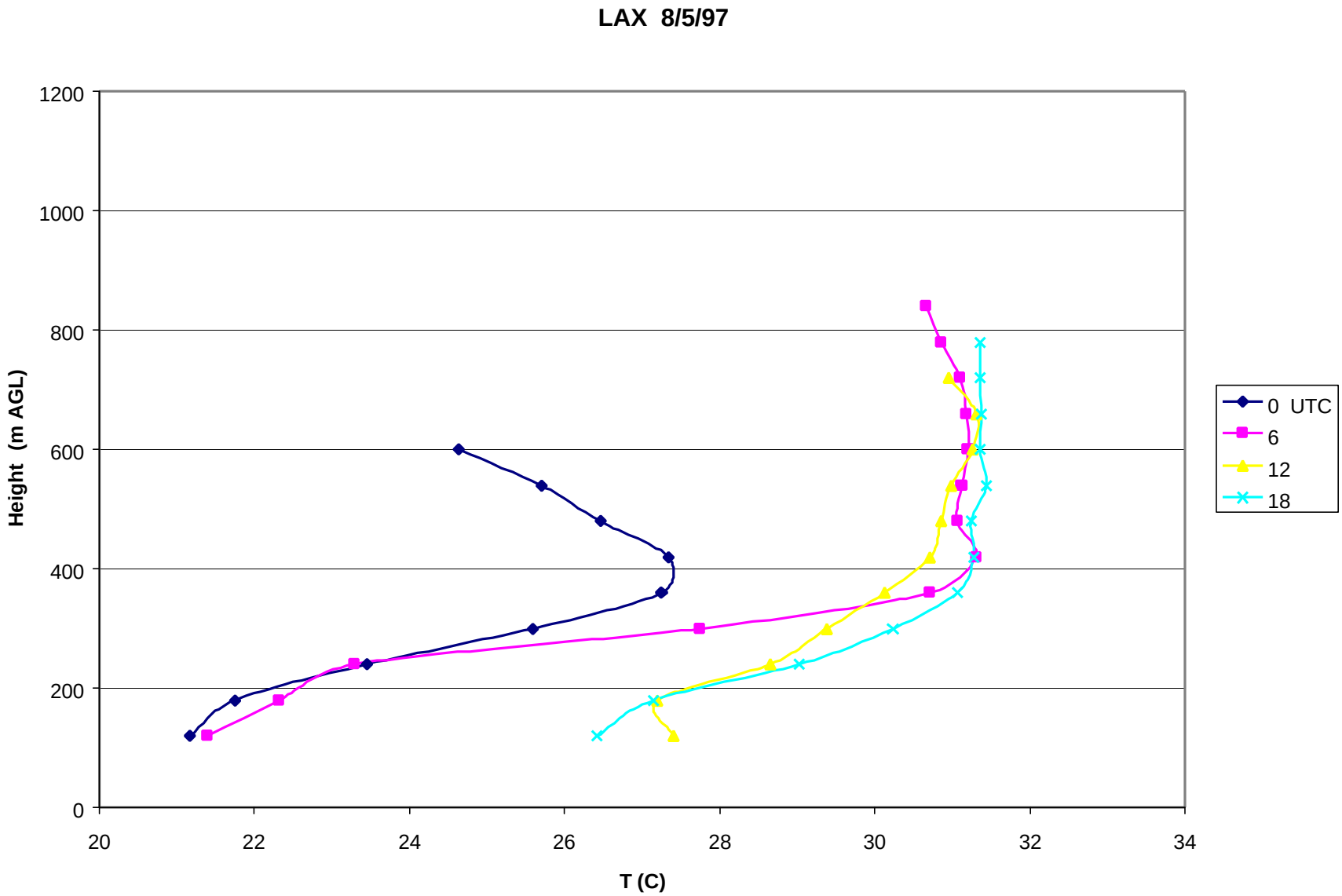

Figure 74b. RASS 6-hourly LAX temperature (^{0}C) profiles on 5 August.

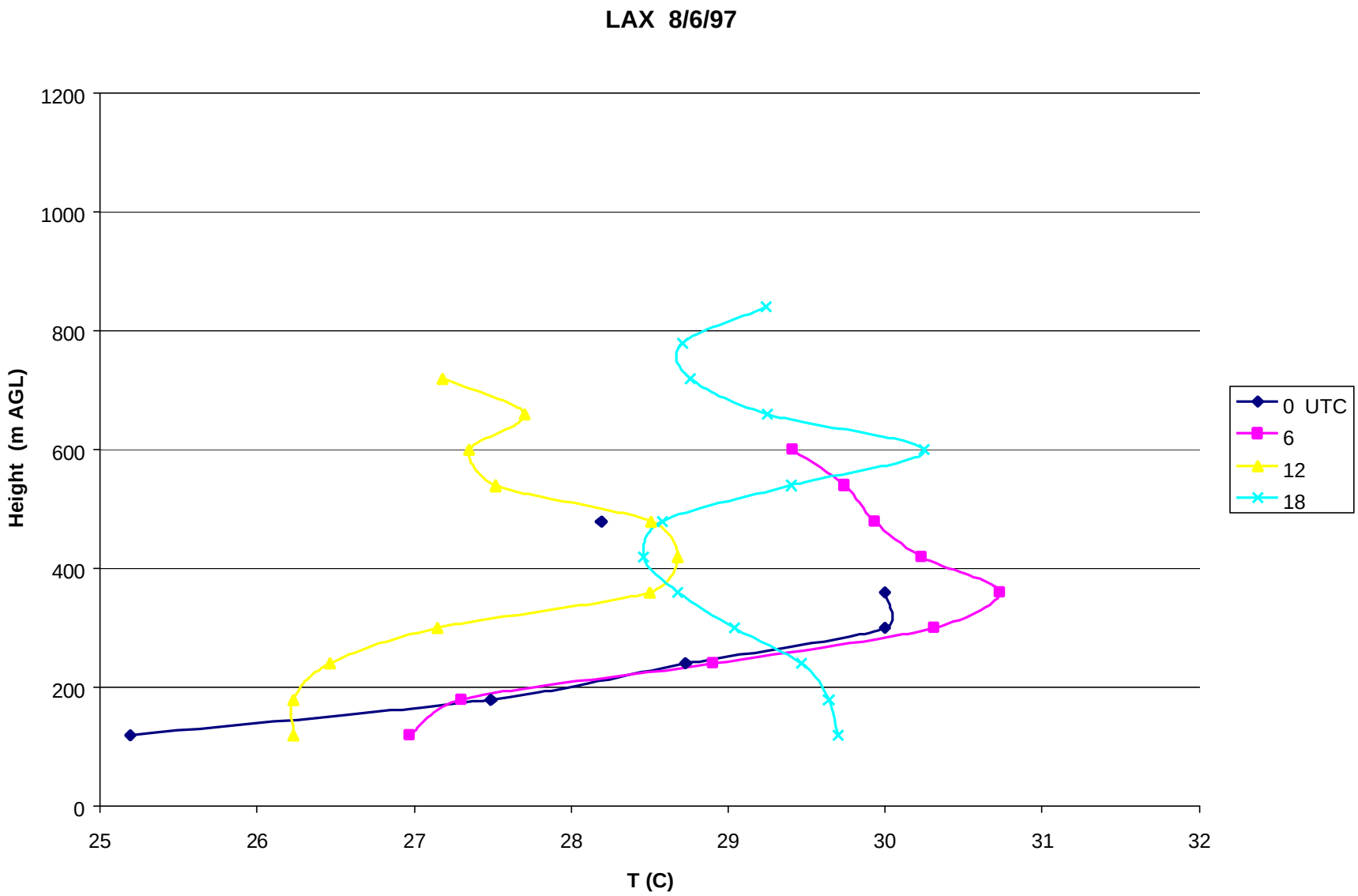

Figure 74c. RASS 6-hourly LAX temperature (^{0}C) profiles on 6 August.

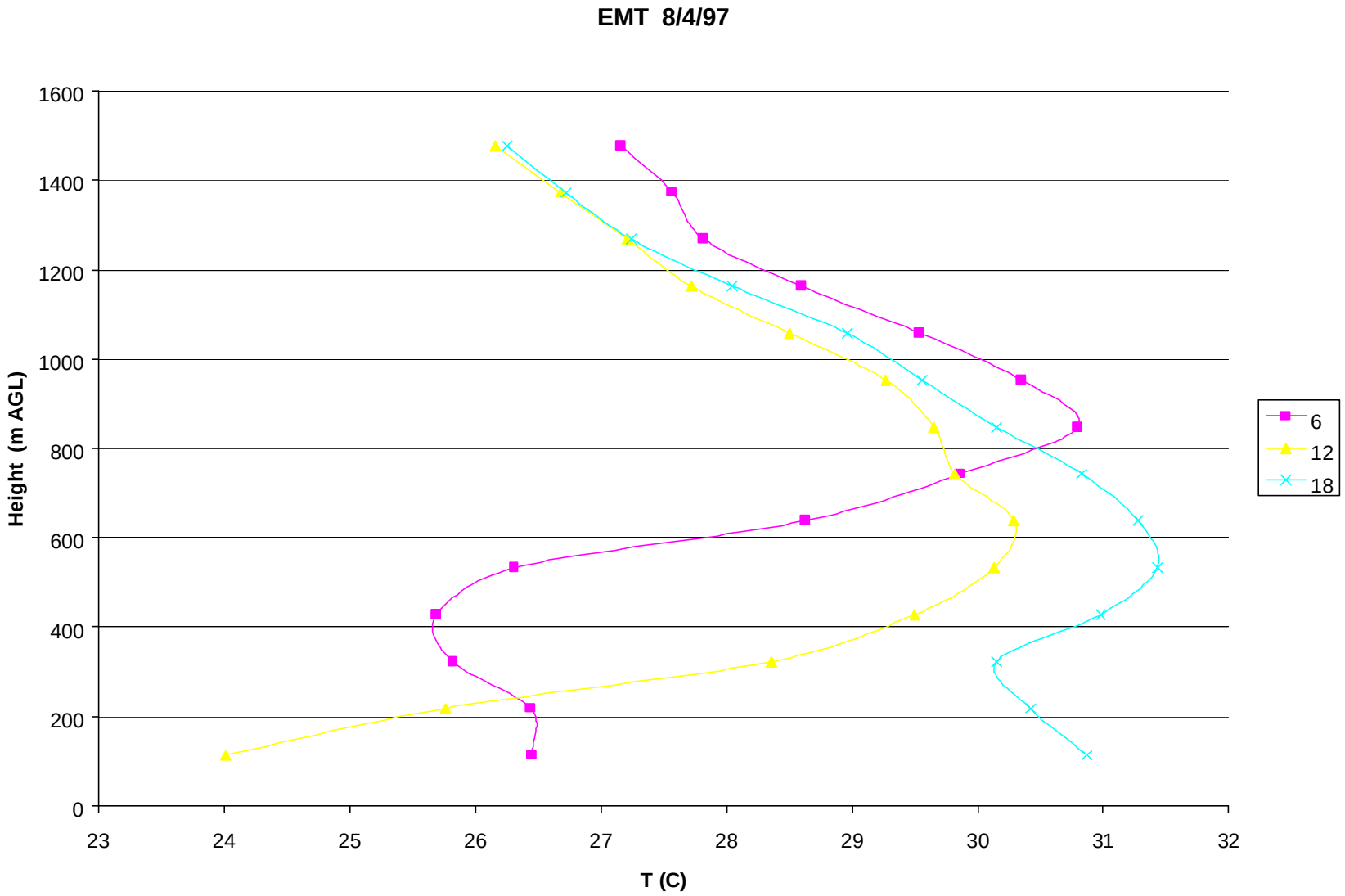

Figure 75a. RASS 6-hourly EMT temperature (^{0}C) profiles on 4 August.

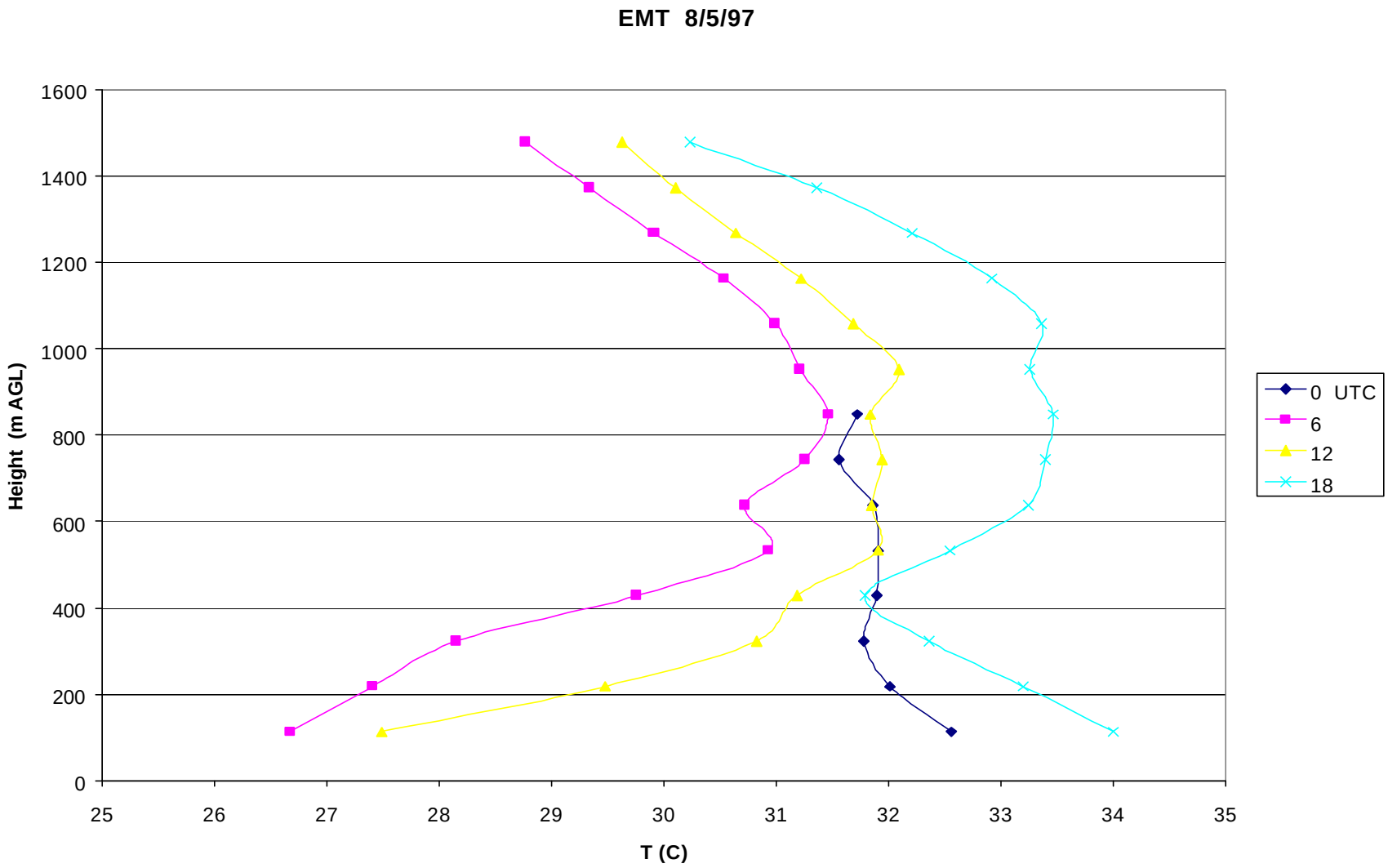

Figure 75b. RASS 6-hourly EMT temperature (^{0}C) profiles on 5 August.

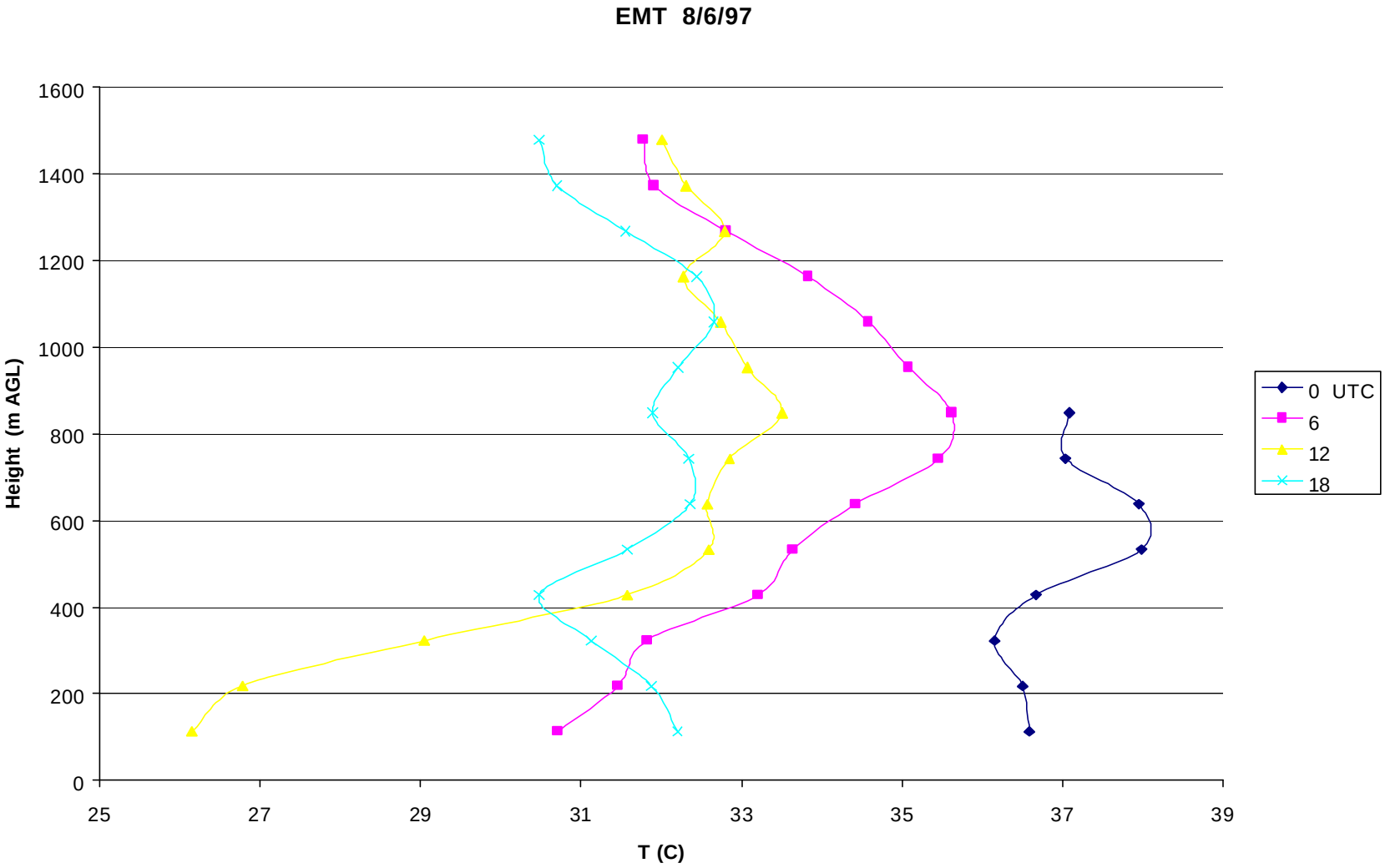

Figure 75c. RASS 6-hourly EMT temperature (^{0}C) profiles on 6 August.

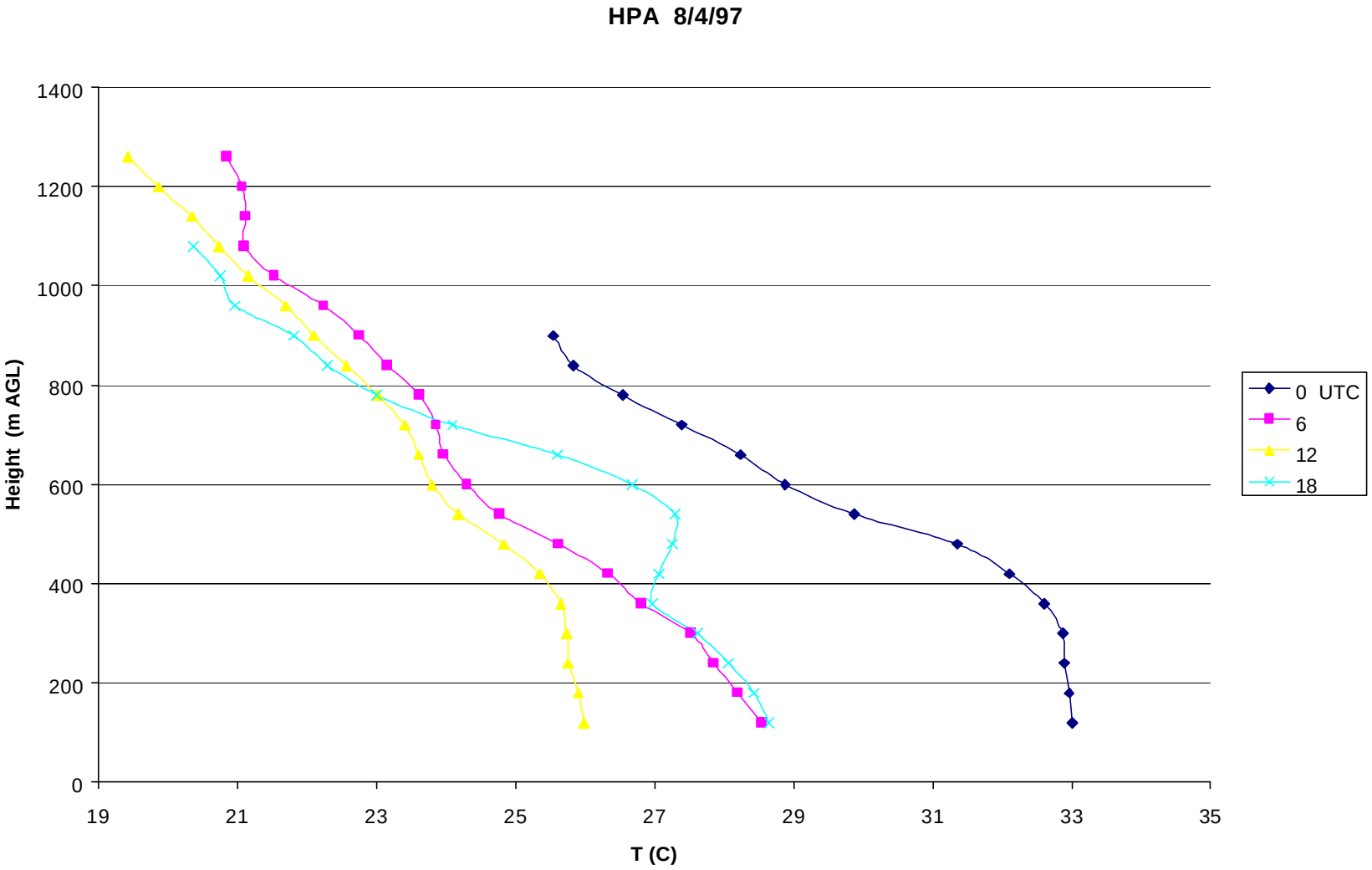

Figure 76a. RASS 6-hourly HPA temperature (^{0}C) profiles on 4 August.

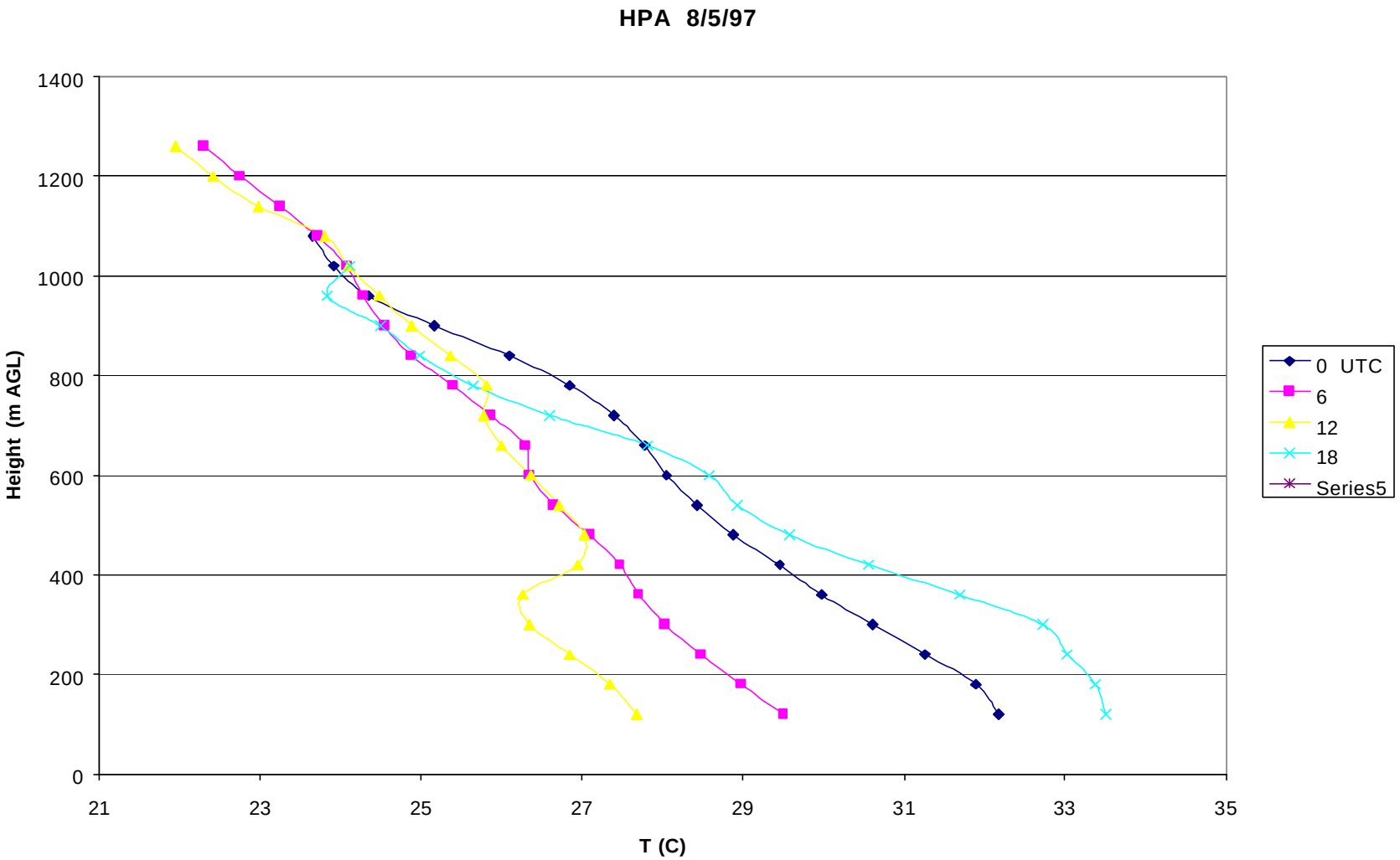

Figure 76b. RASS 6-hourly HPA temperature (^{0}C) profiles on 5 August

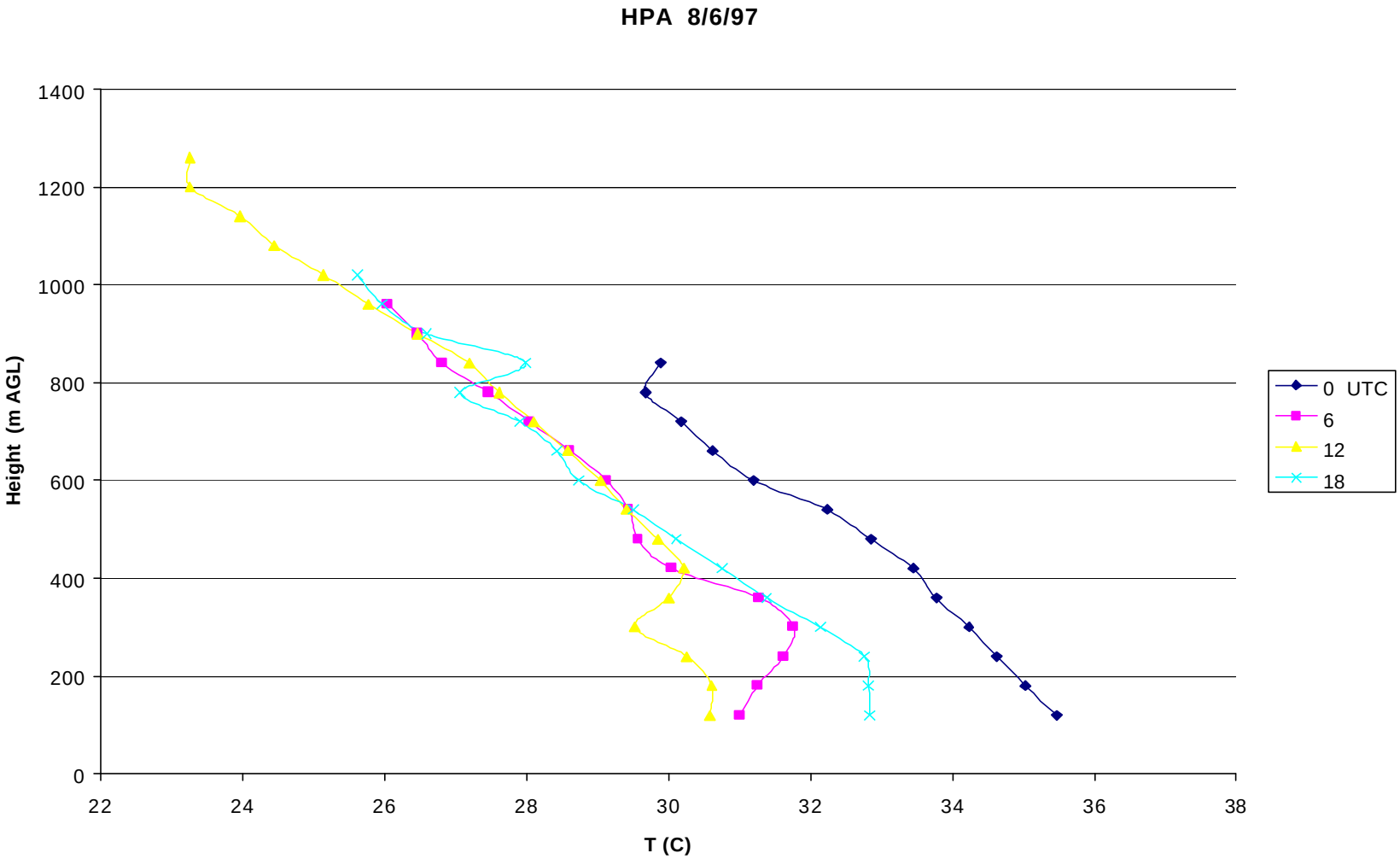

Figure 76c. RASS 6-hourly HPA temperature (^{0}C) profiles on 6 August.

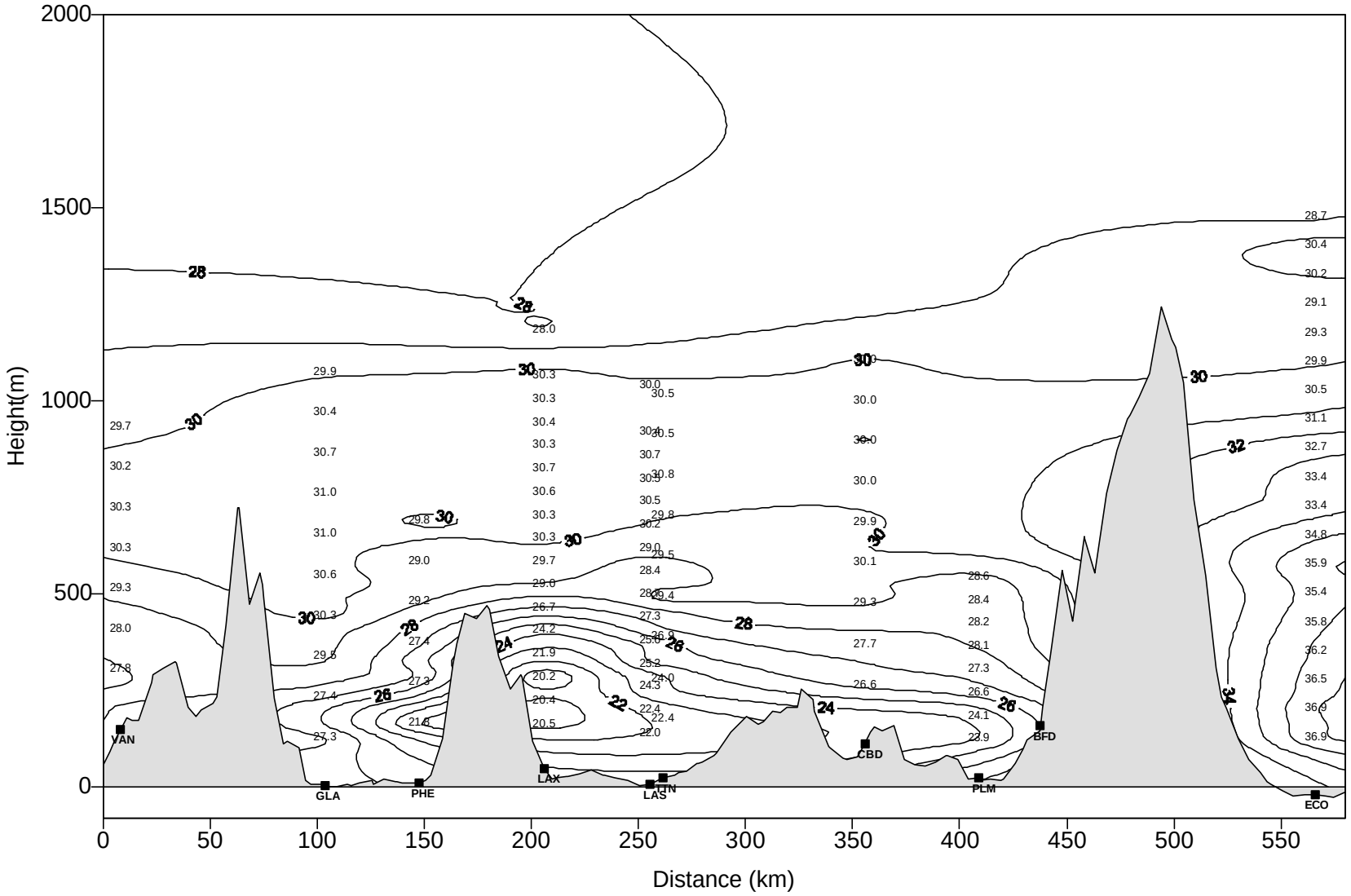

Figure 77a. Profiler temperature (^{0}C) cross-sections for 04/06UTC in coastal planes.

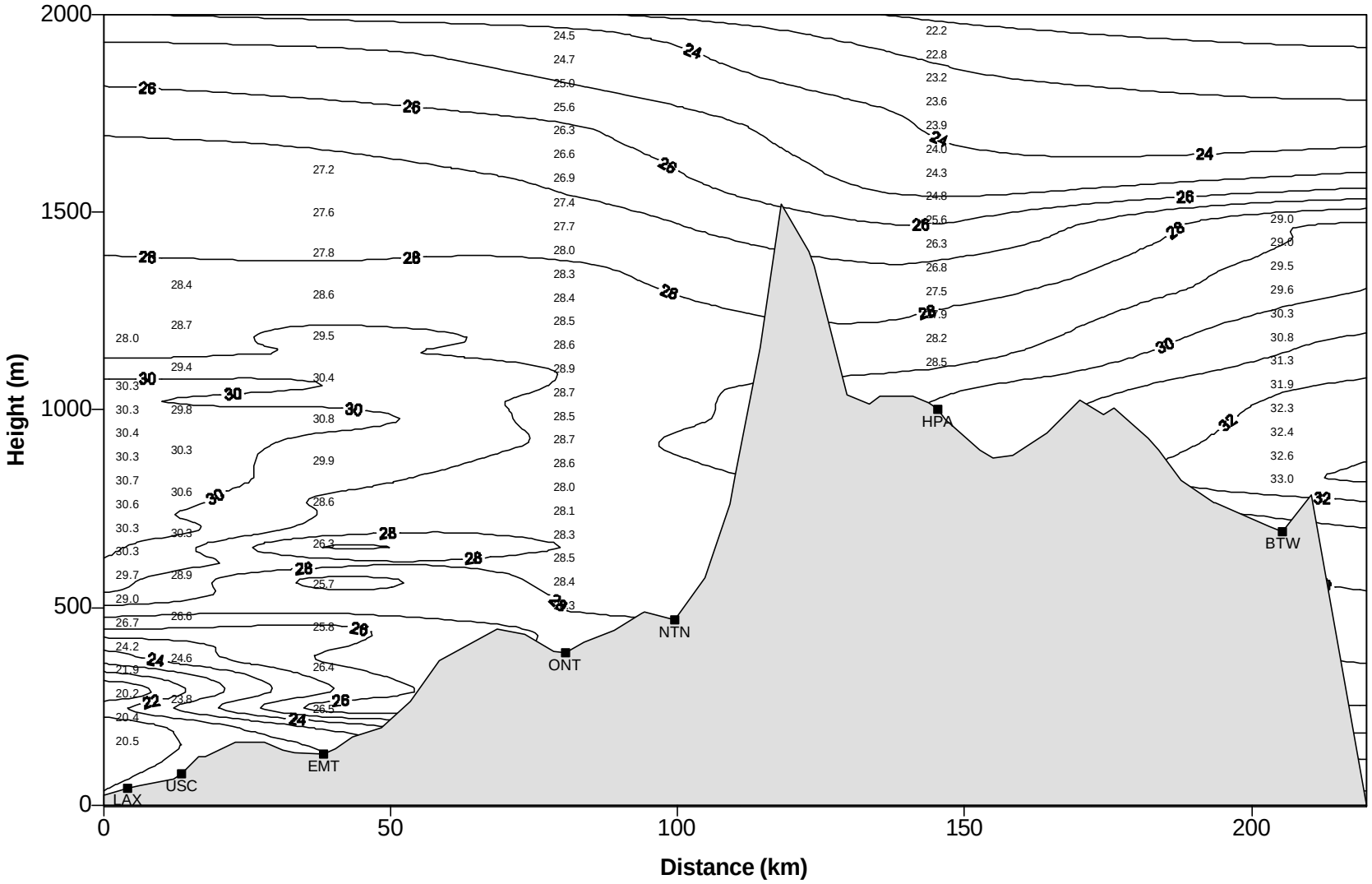

Figure 77b. Profiler temperature (^{0}C) cross-sections for 04/06UTC in perpendicular plane.

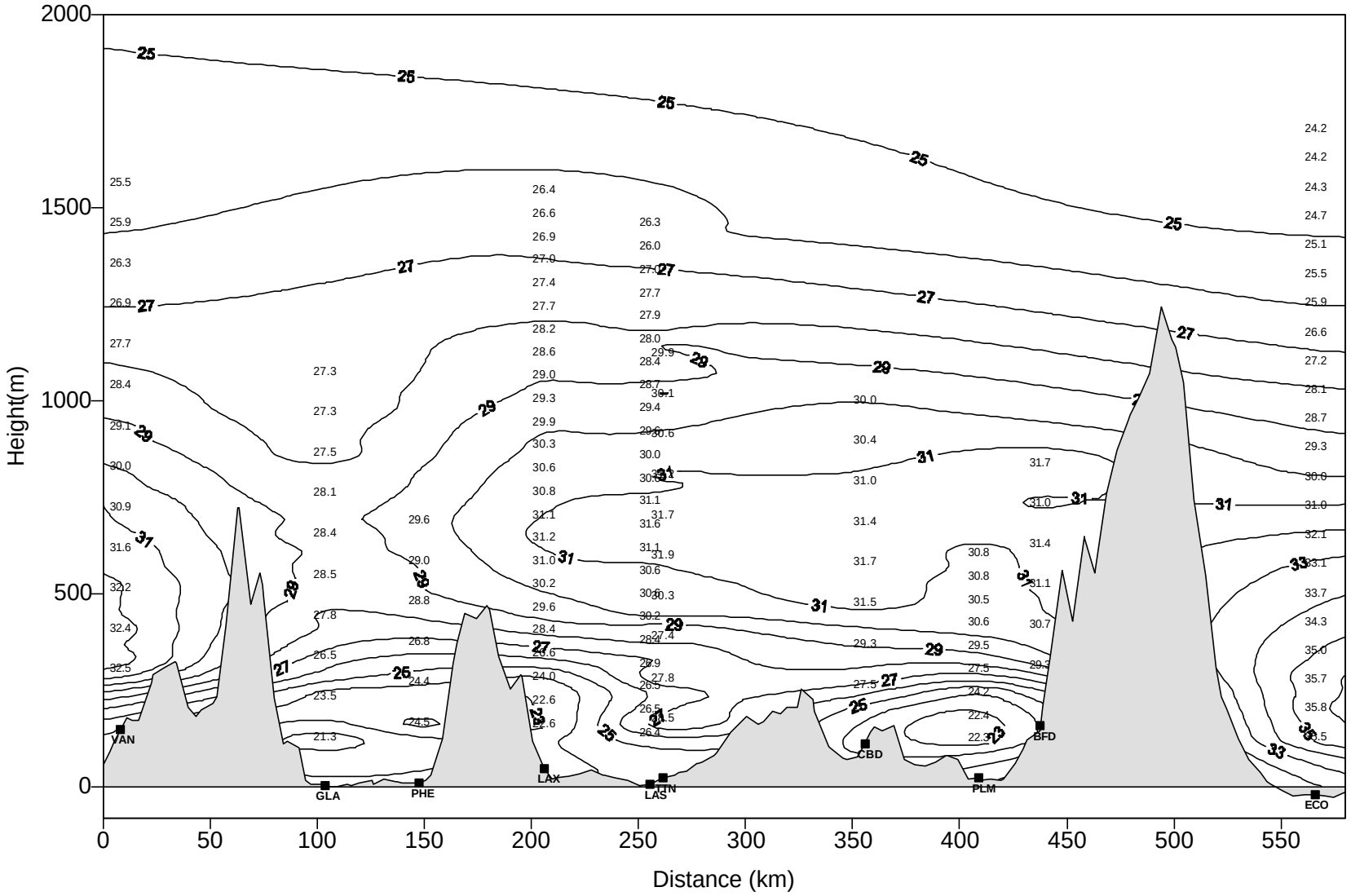

Figure 78a. Profiler temperature (^{0}C) cross-sections for 04/18UTC in coastal plane.

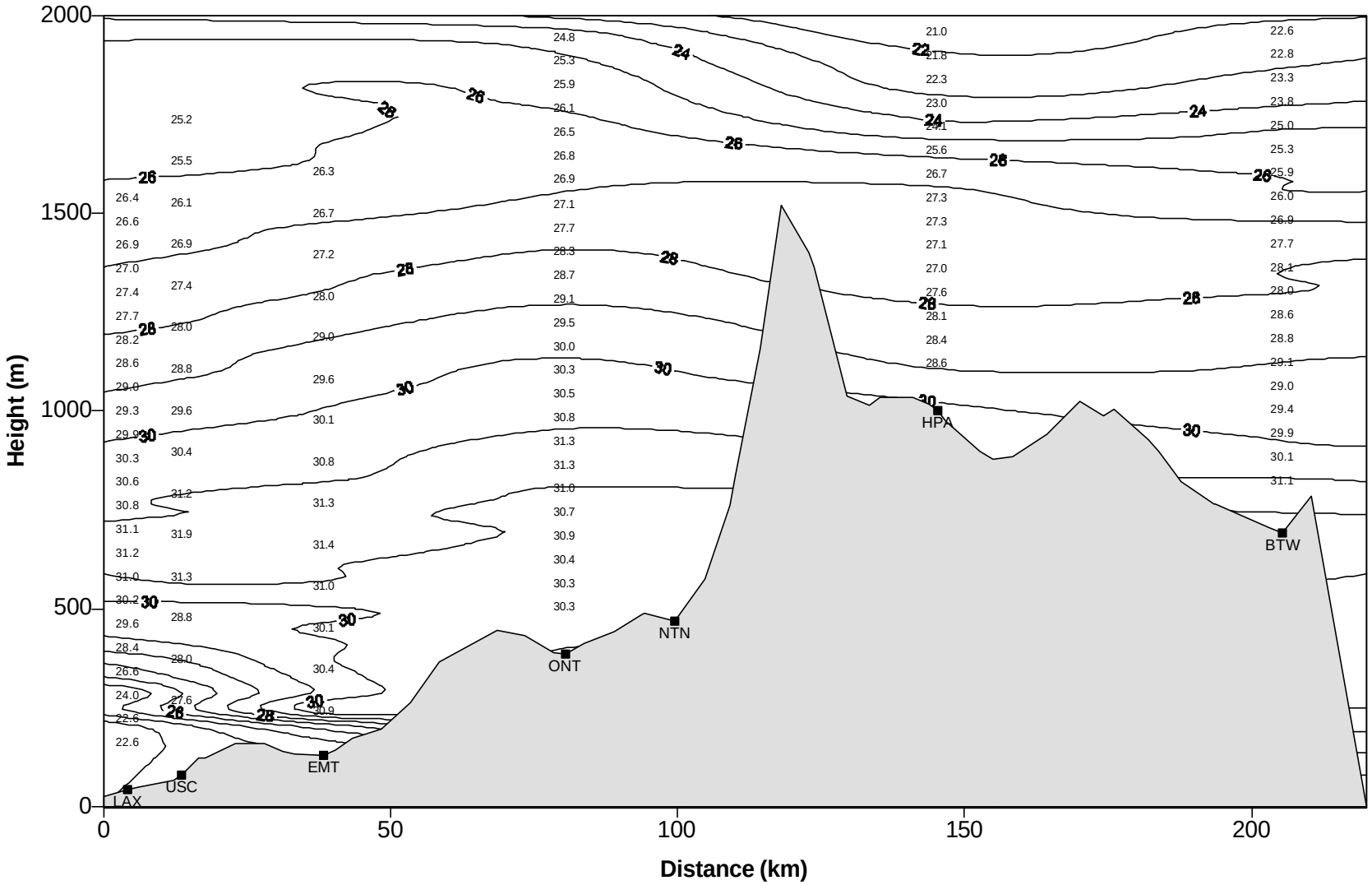

Figure 78b. Profiler temperature (^{0}C) cross-sections for 04/18UTC in perpendicular plane.

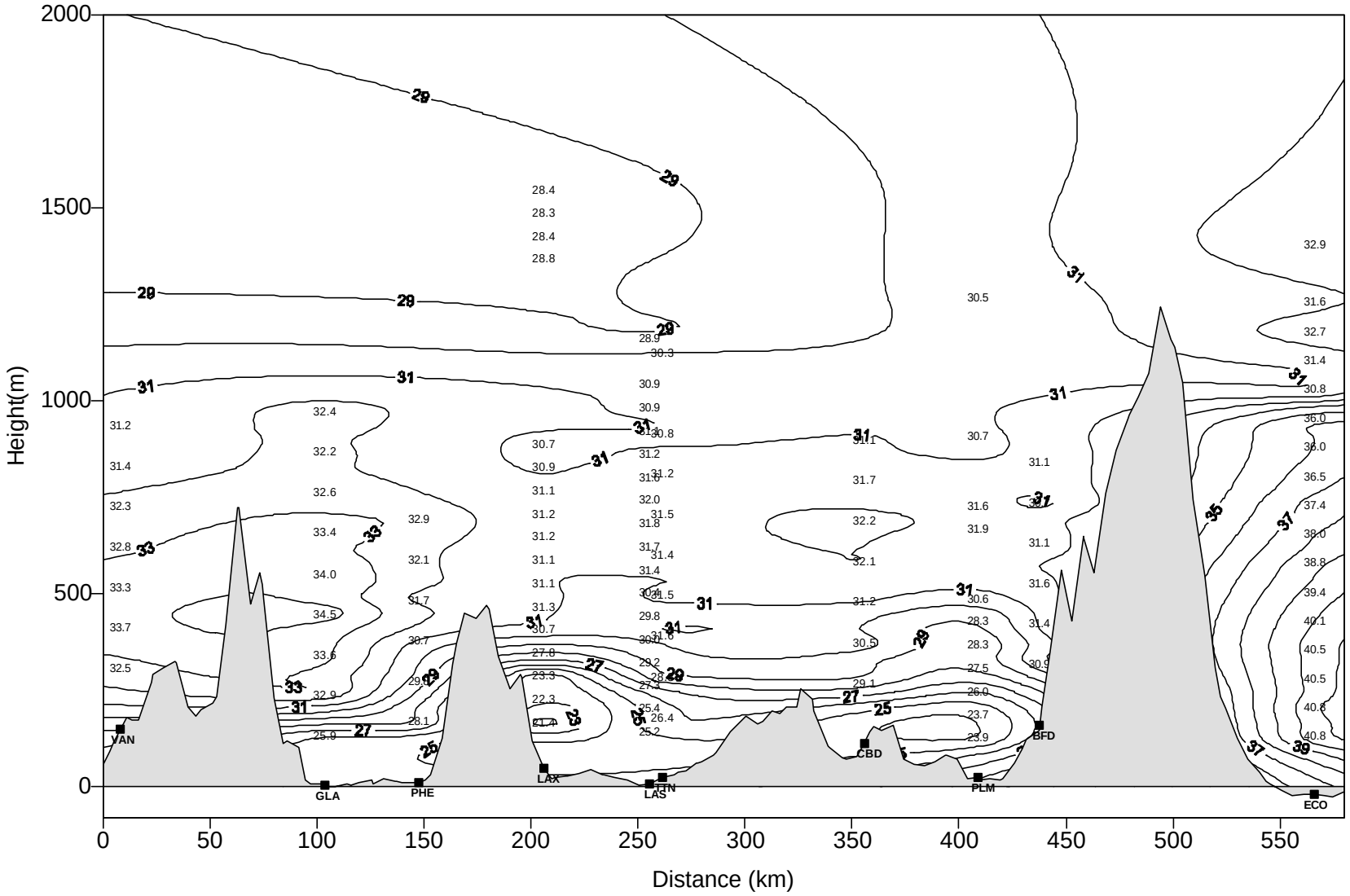

Figure 79a. Profiler temperature (^{0}C) cross-sections for 05/06UTC in coastal plane.

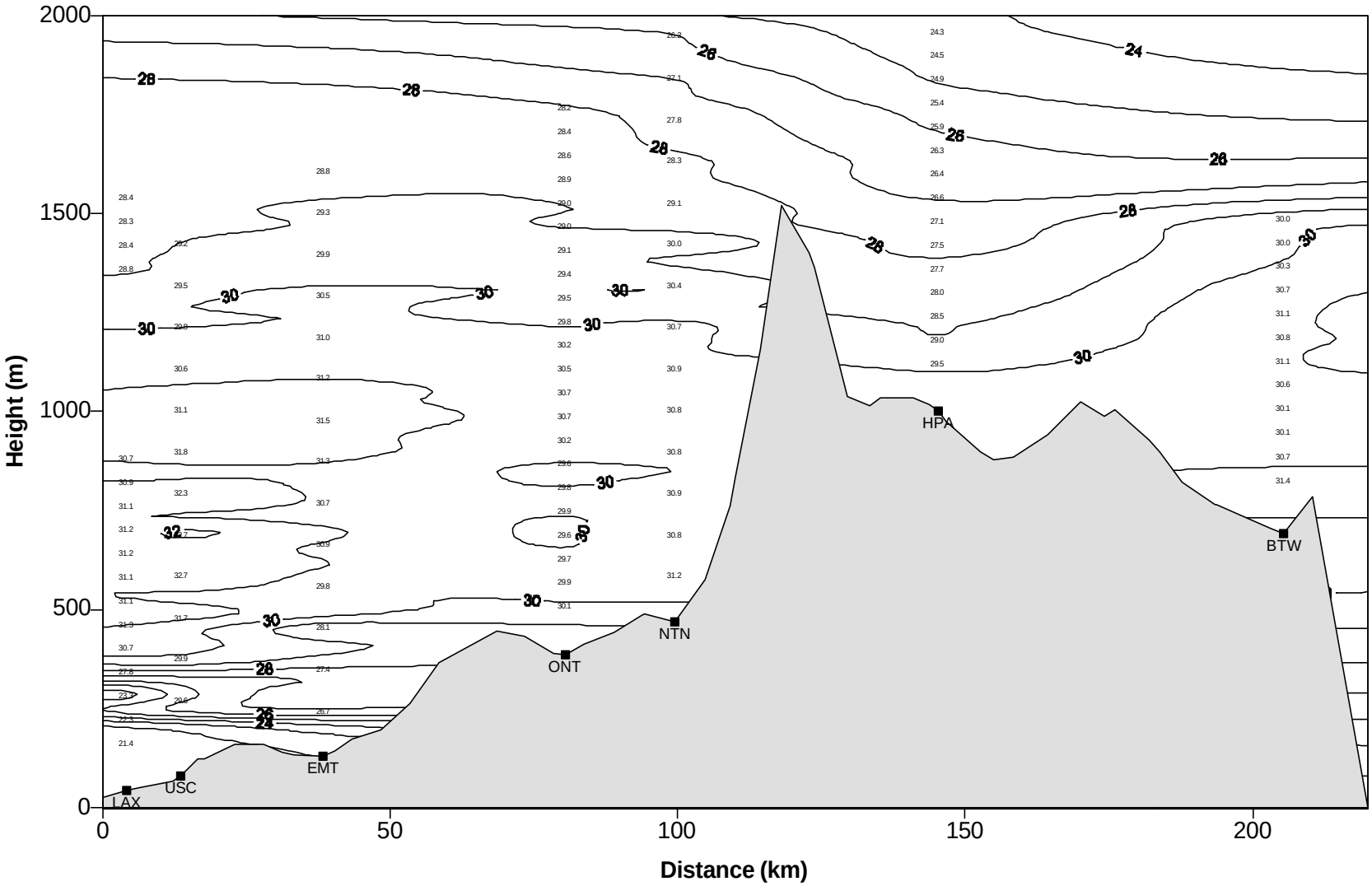

Figure 79b. Profiler temperature (^{0}C) cross-sections for 05/06UTC in perpendicular plane.

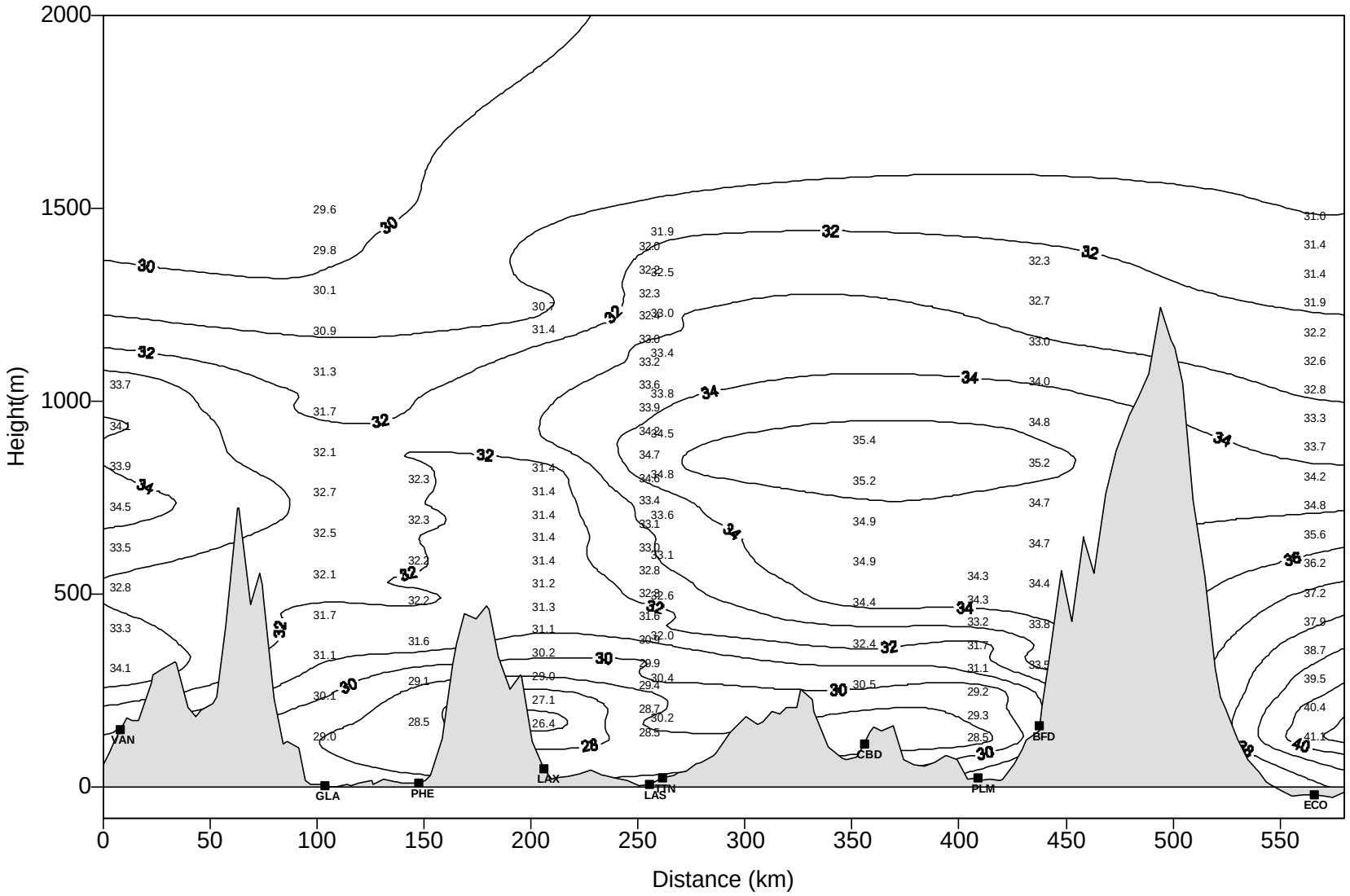

Figure 80a. Profiler temperature (^{0}C) cross-sections for 05/18UTC in coastal plane.

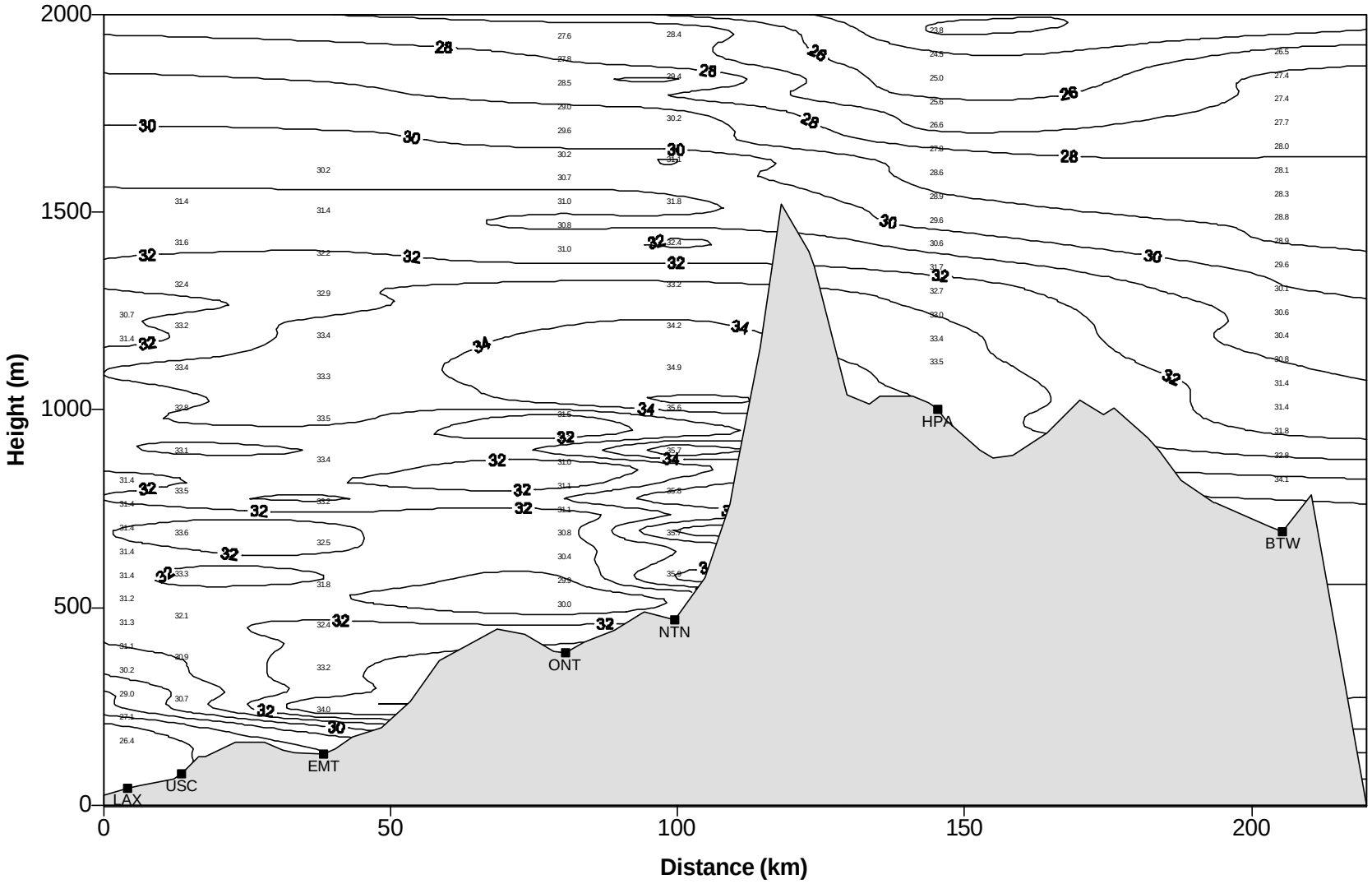

Figure 80b. Profiler temperature (^{0}C) cross-sections for 05/18UTC in perpendicular plane.

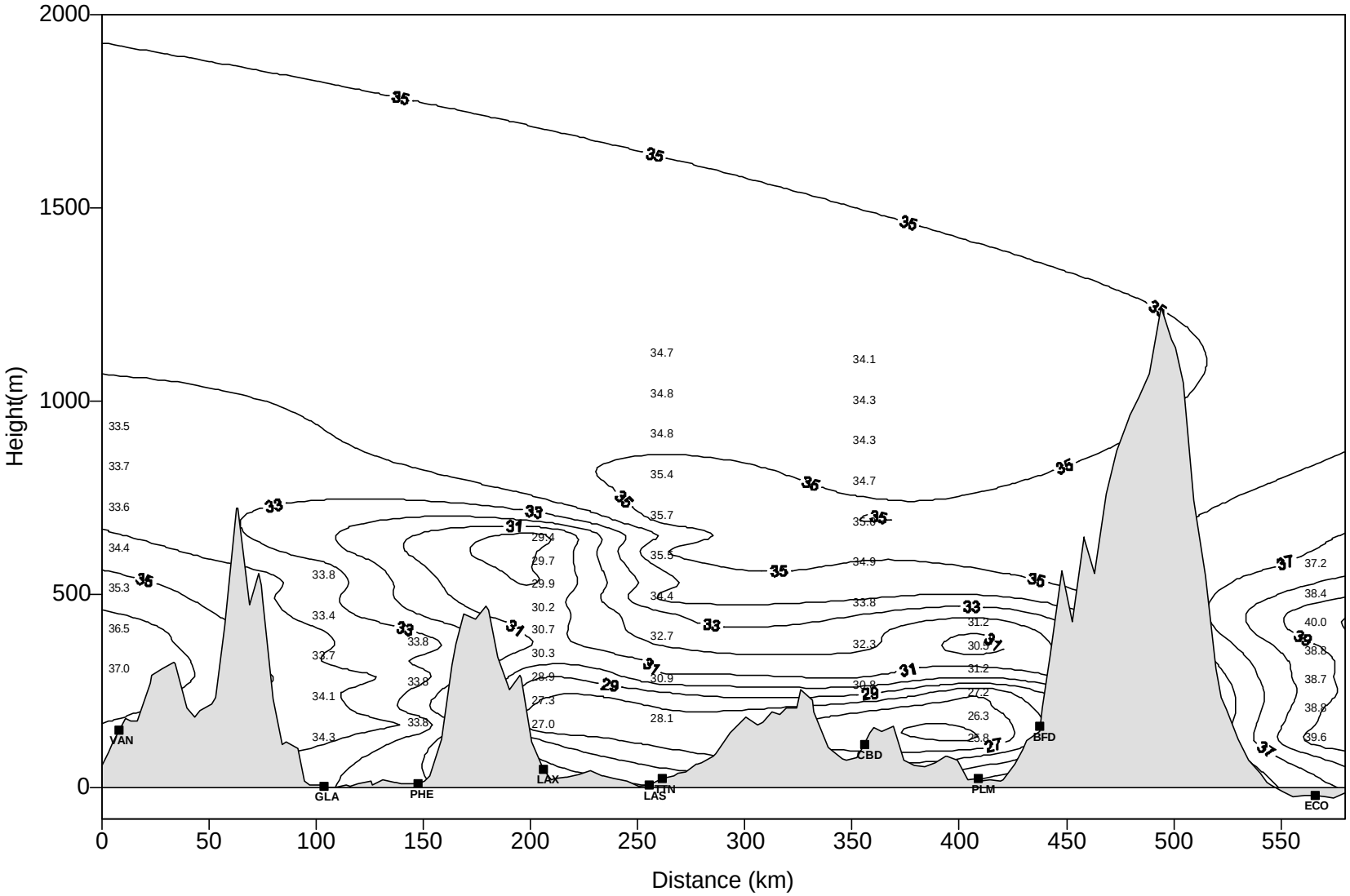

Figure 81a. Profiler temperature (^{0}C) cross-sections for 06/06UTC in coastal plane.

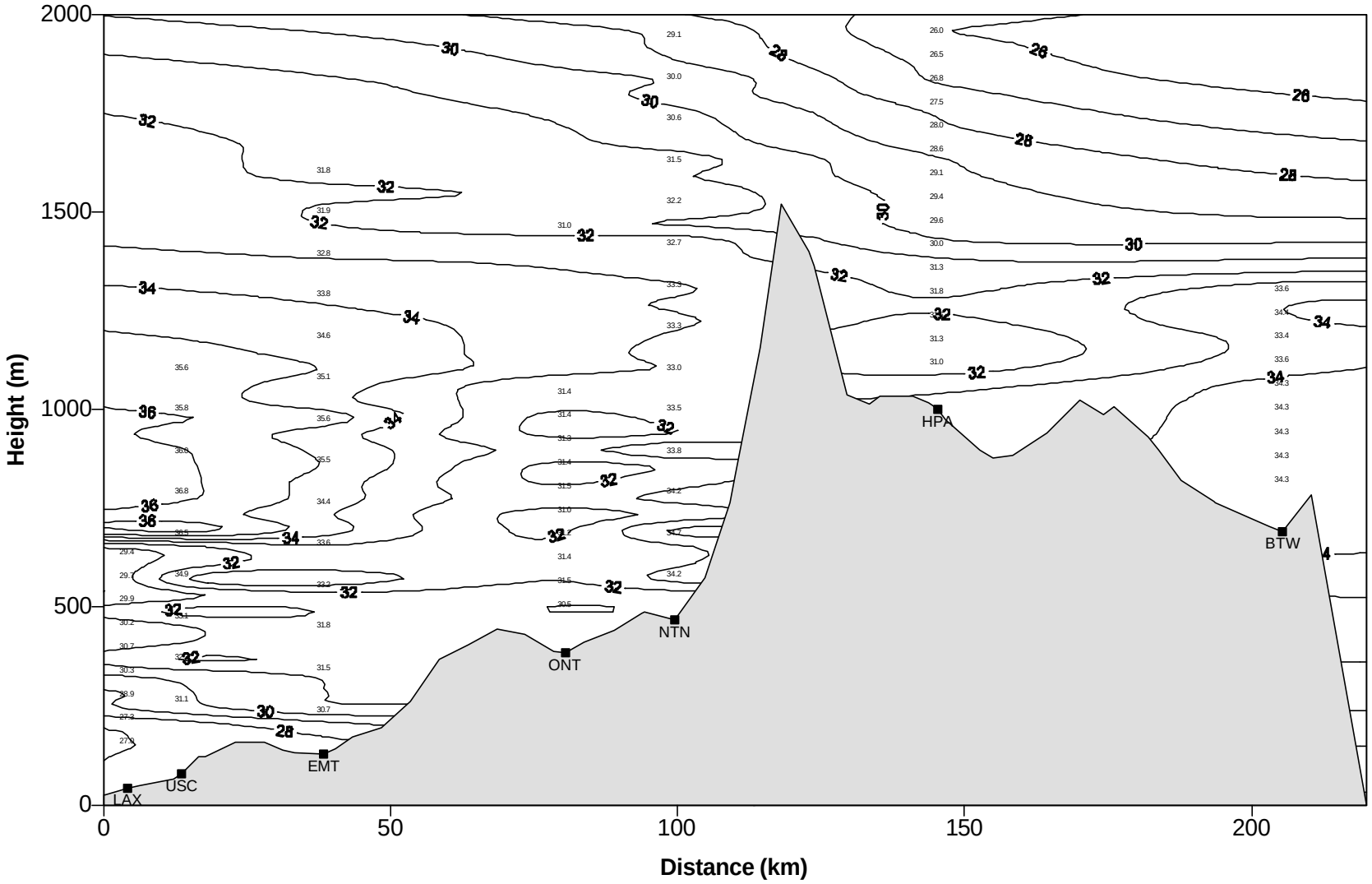

Figure 81b. Profiler temperature (^{0}C) cross-sections for 06/06UTC in perpendicular plane.

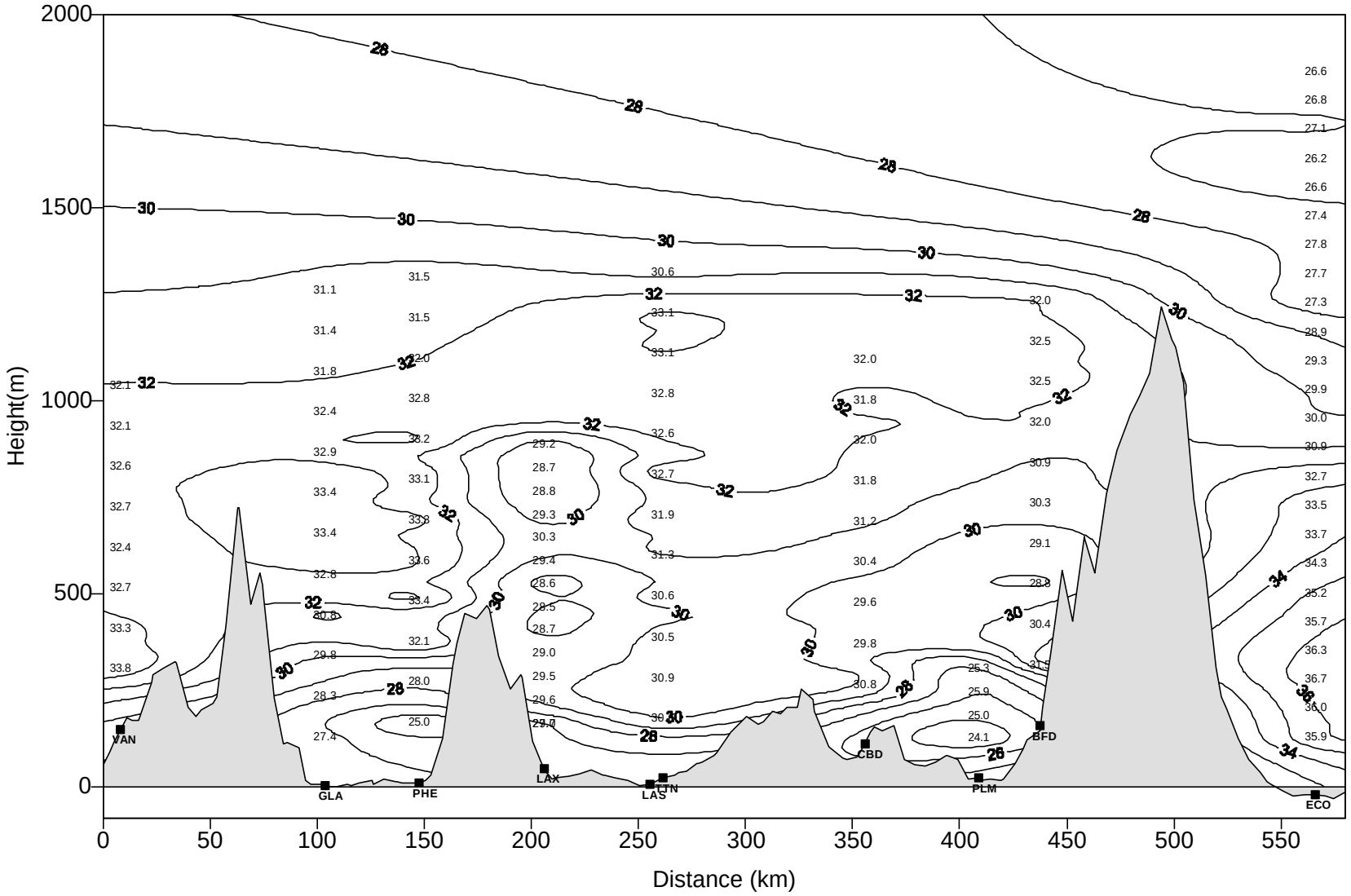

Figure 82a. Profiler temperature (^{0}C) cross-sections for 06/18UTC in coastal plane.

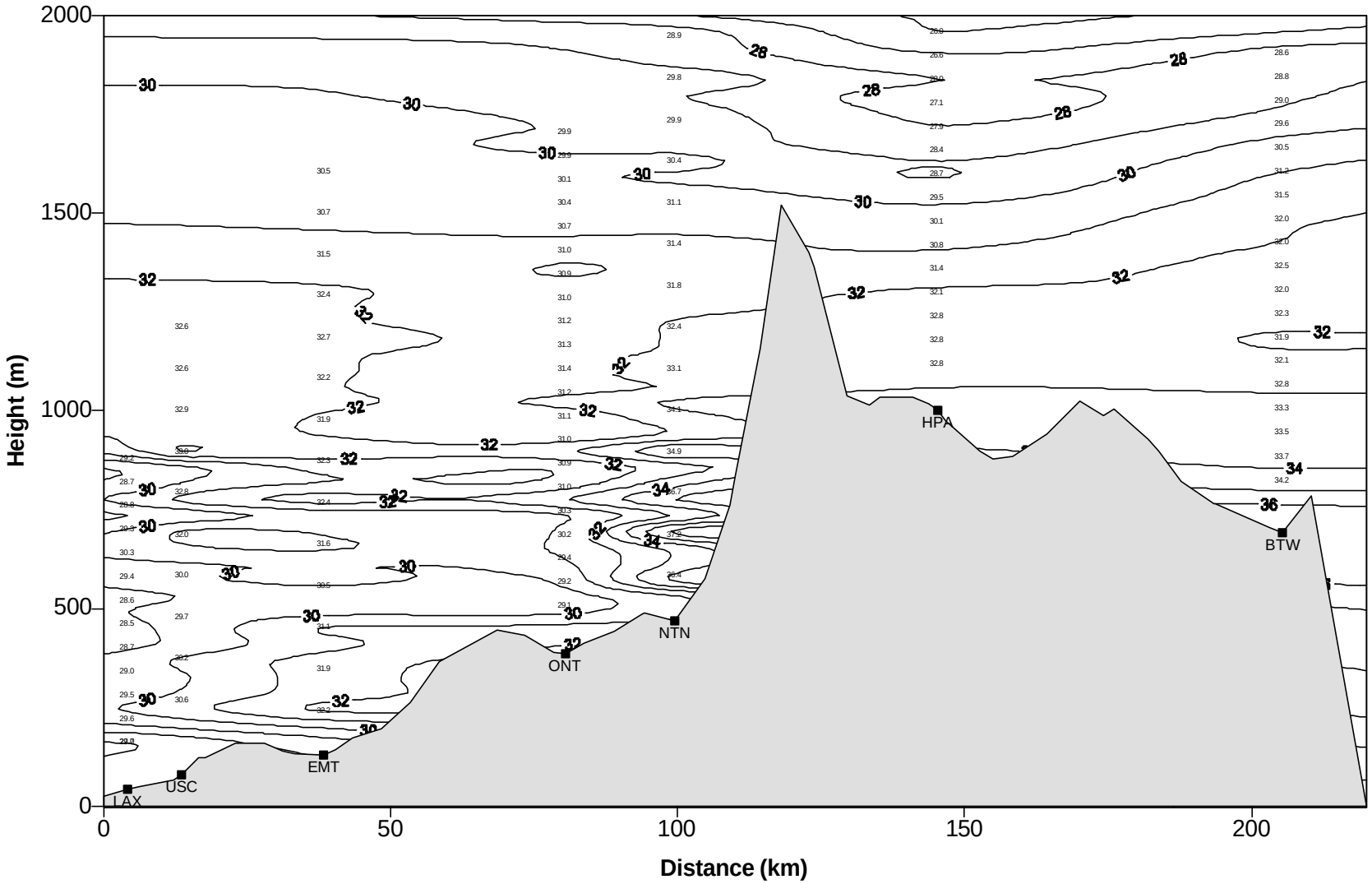

Figure 82b. Profiler temperature (^{0}C) cross-sections for 06/18UTC in perpendicular plane.

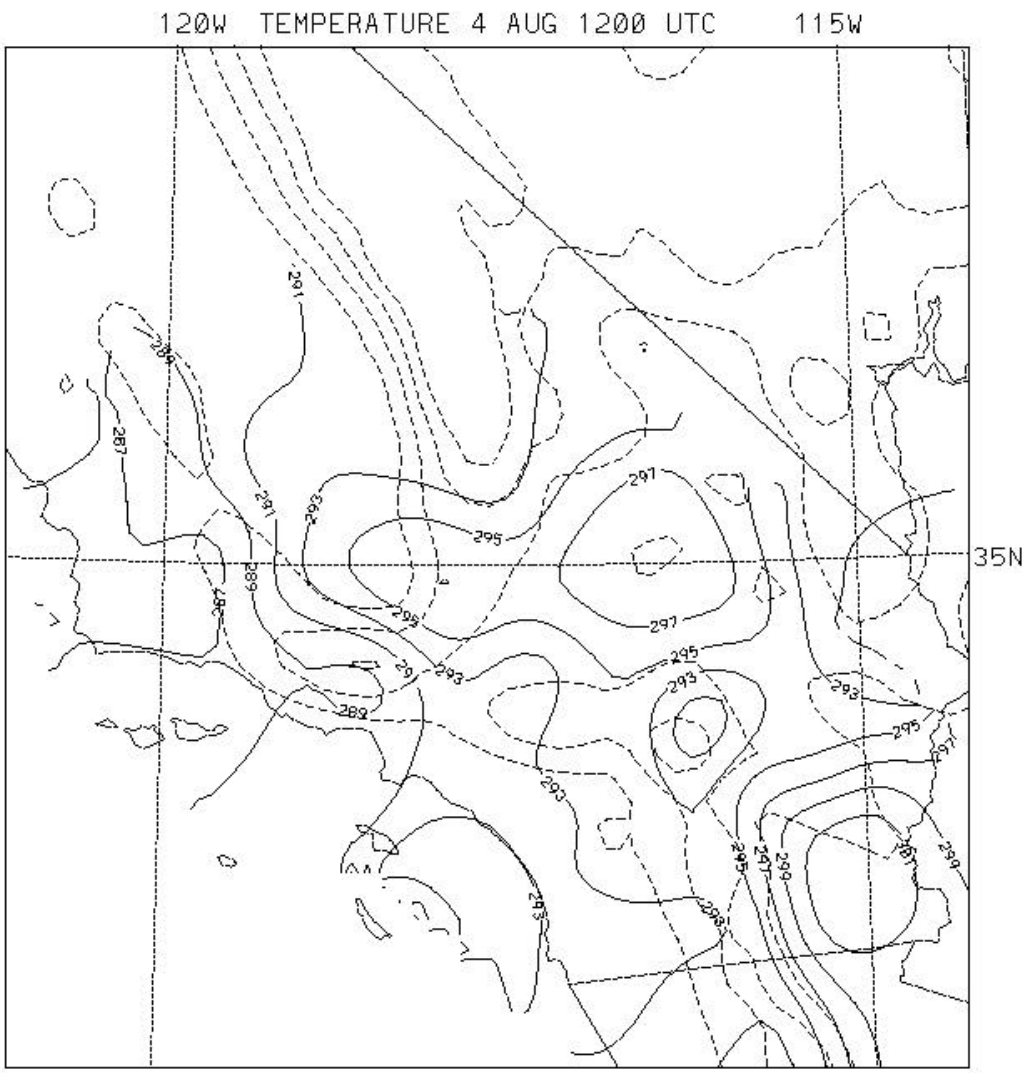

Figure 83a. Surface interpolated temperatures (^{0}C) on 04/12 UTC.

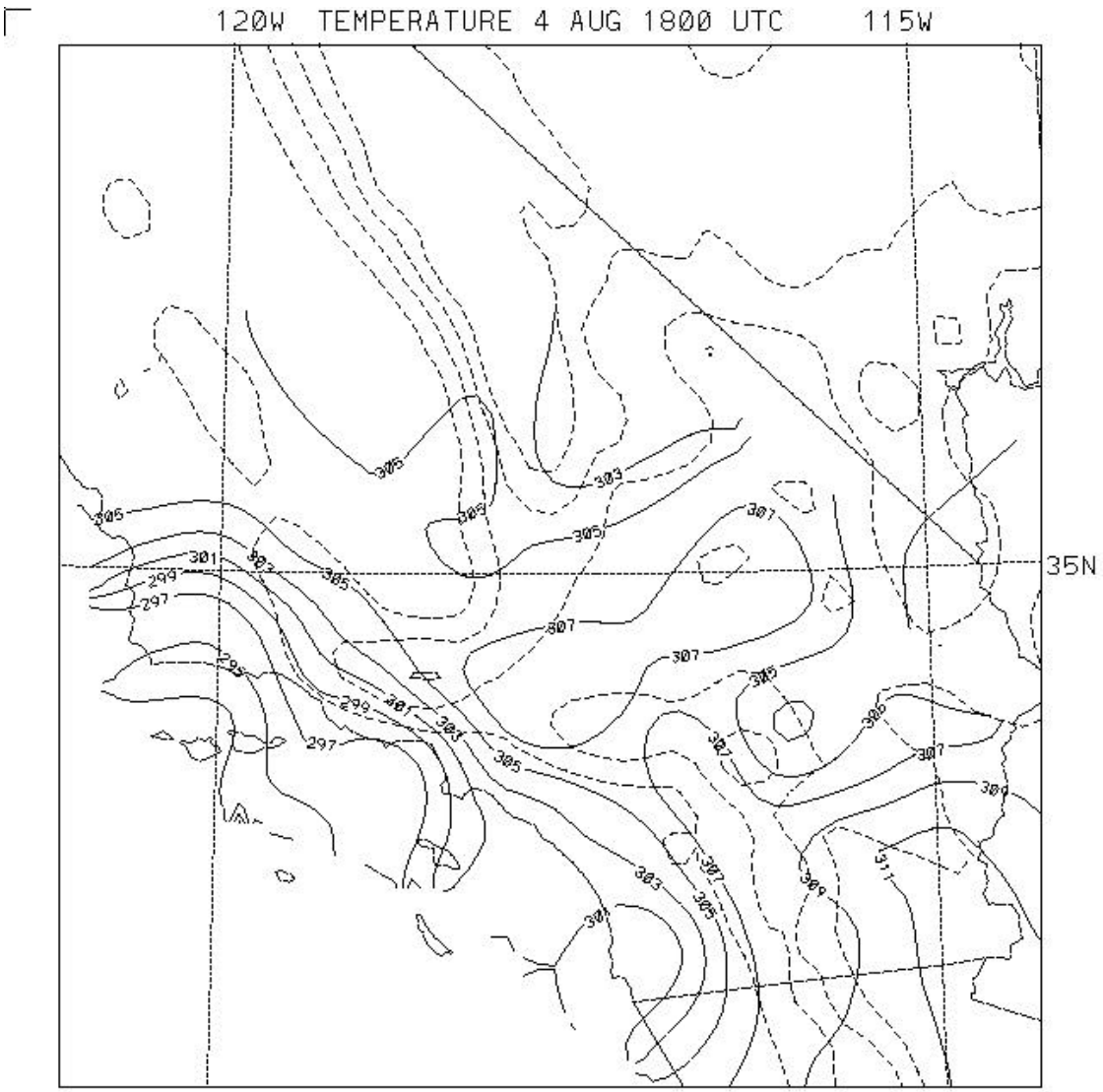

Figure 83b. Surface interpolated temperatures (^{0}C) on 04/18 UTC.

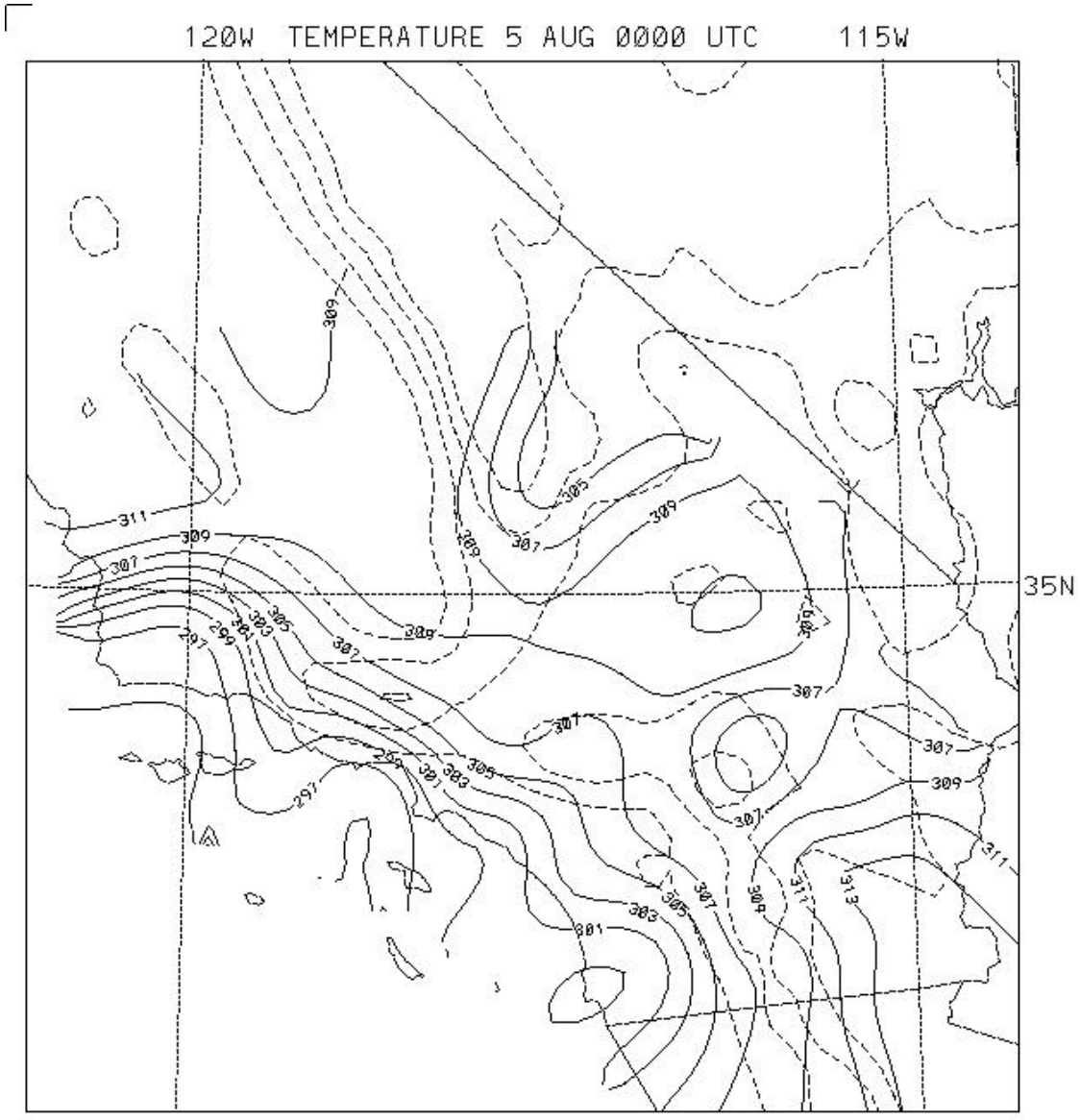

Figure 83c. Surface interpolated temperatures (^{0}C) on 05/00 UTC.

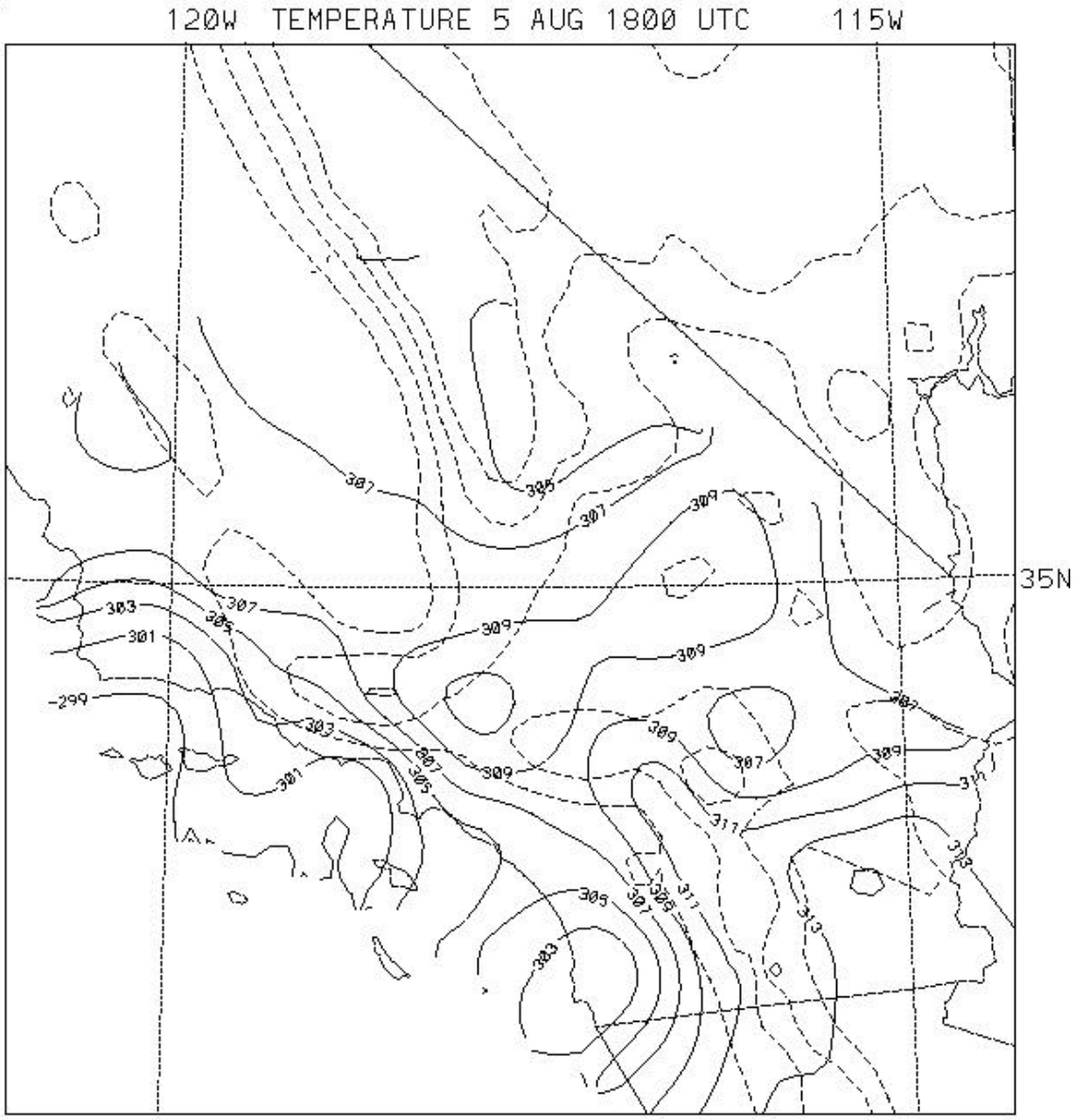

Figure 83d. Surface interpolated temperatures (^{0}C) on 05/18 UTC.

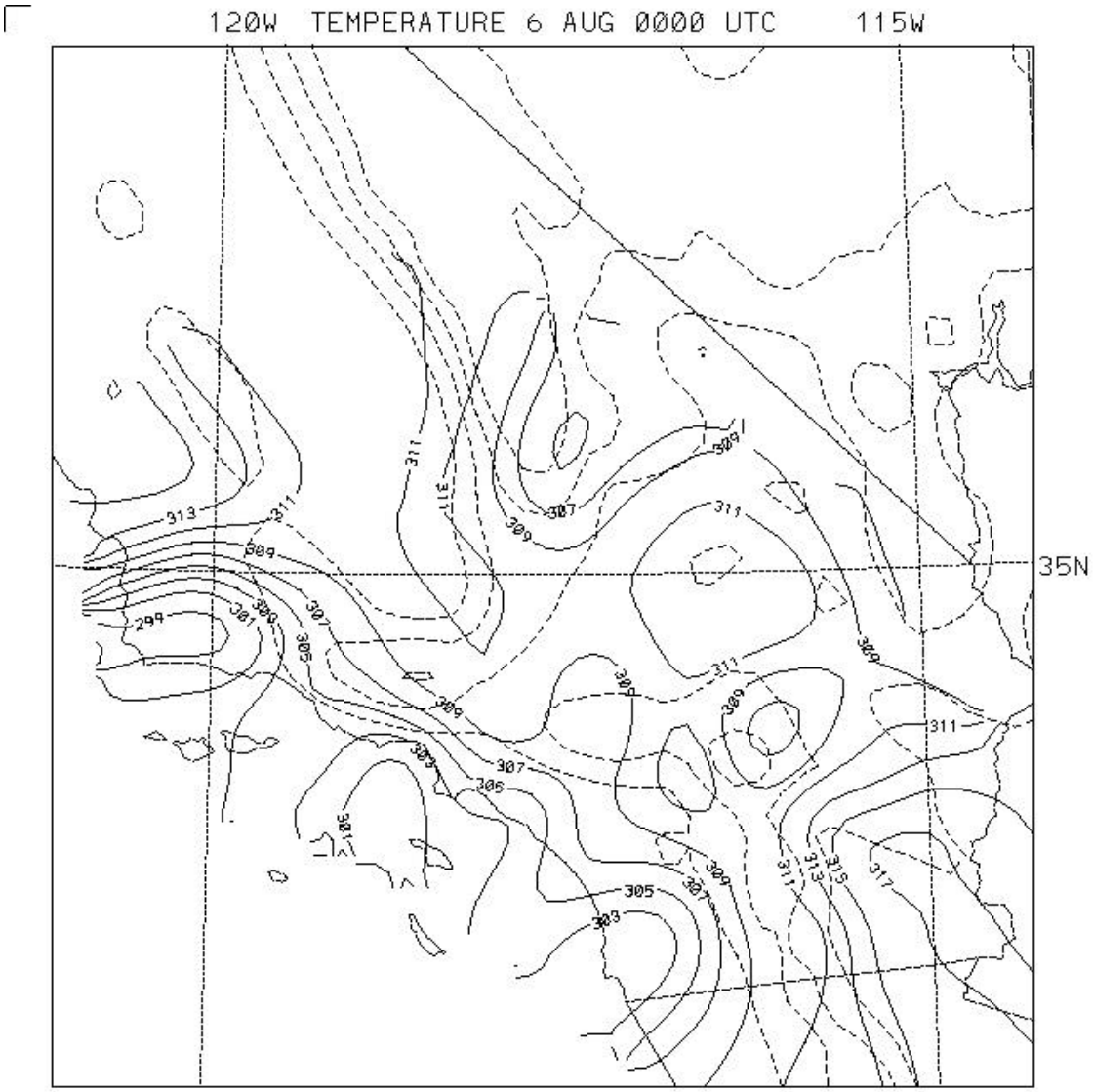

Figure 83e. Surface interpolated temperatures (^{0}C) on 06/00 UTC.

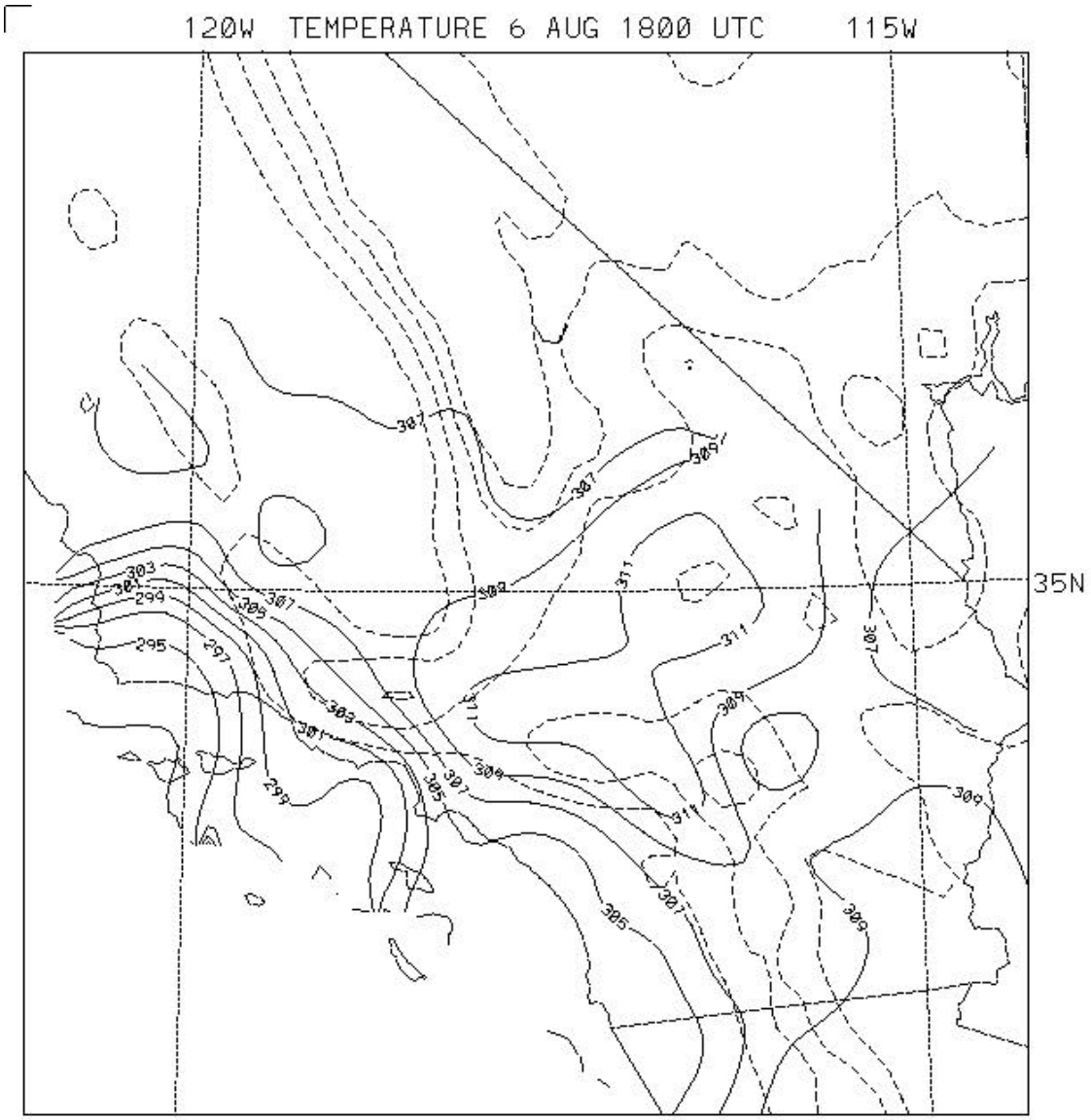

Figure 83f. Surface interpolated temperatures (^{0}C) on 06/18 UTC.

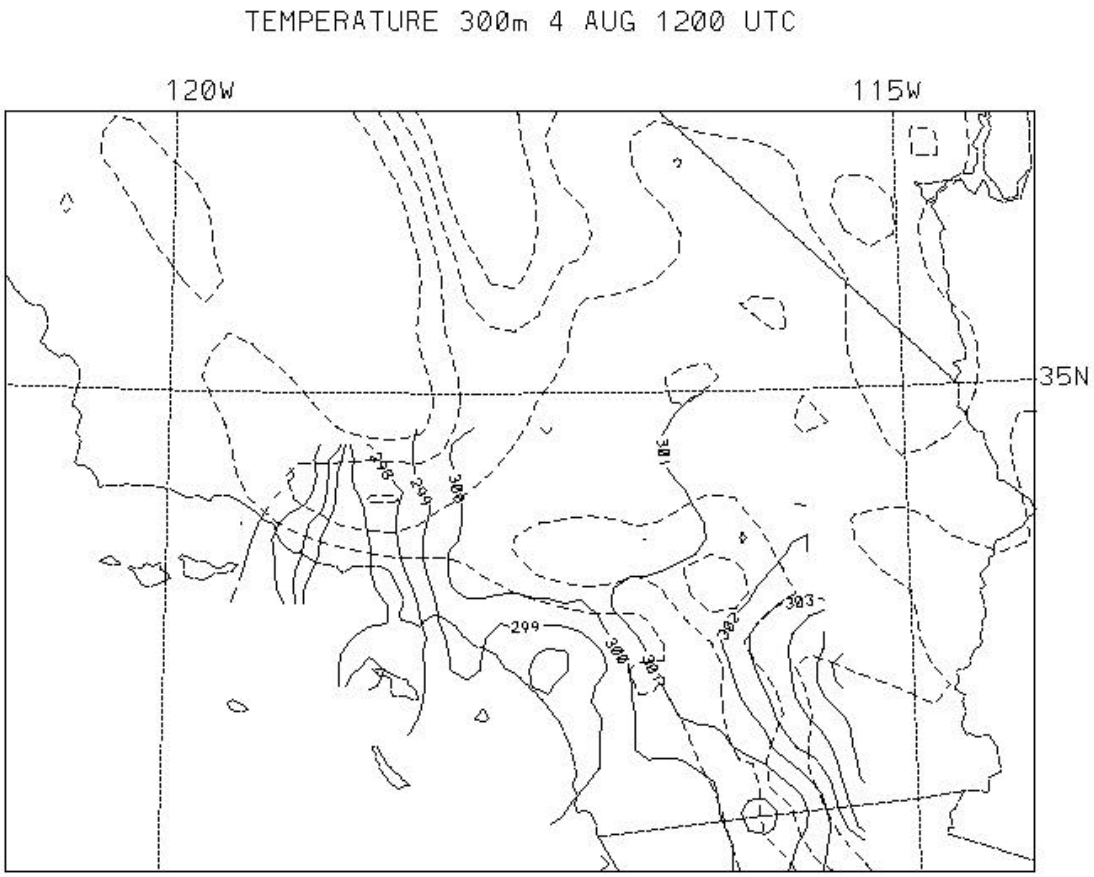

Figure 84a. Interpolated RASS temperatures (K) at 300m AGL on 04/12 UTC.

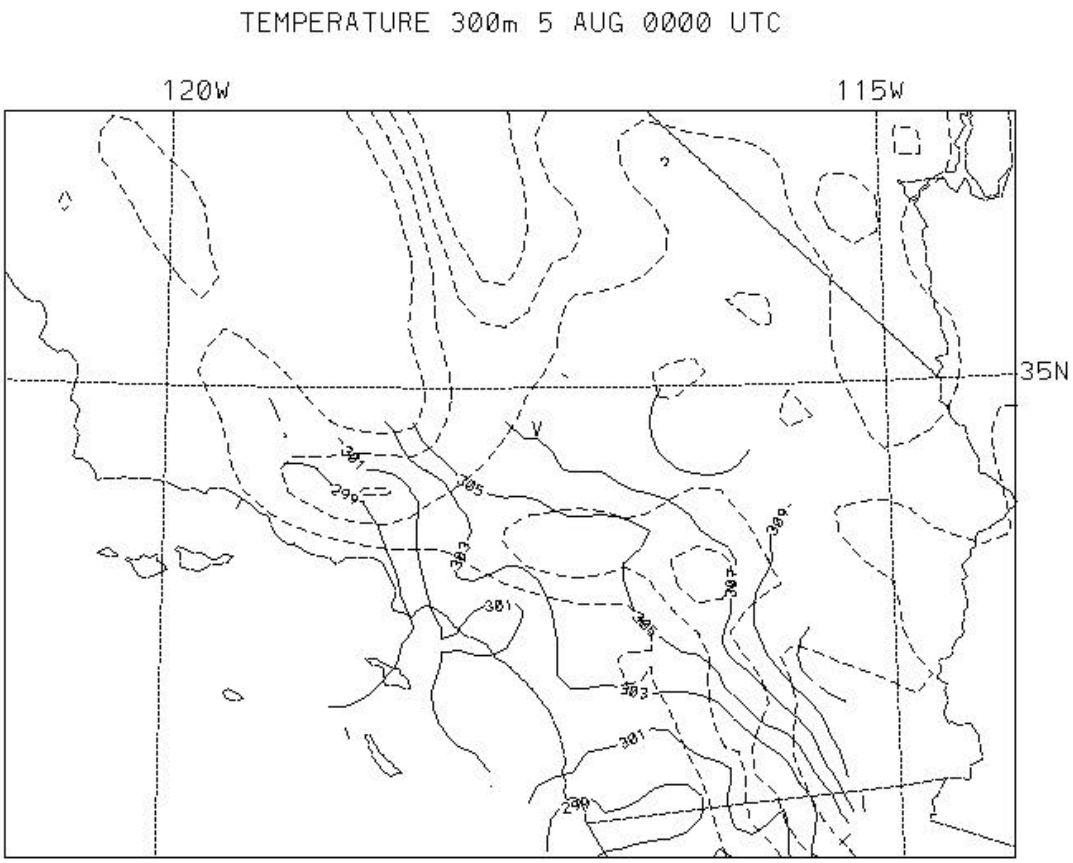

Figure 84b. Interpolated RASS temperatures (K) at 300m AGL on 05/00 UTC.

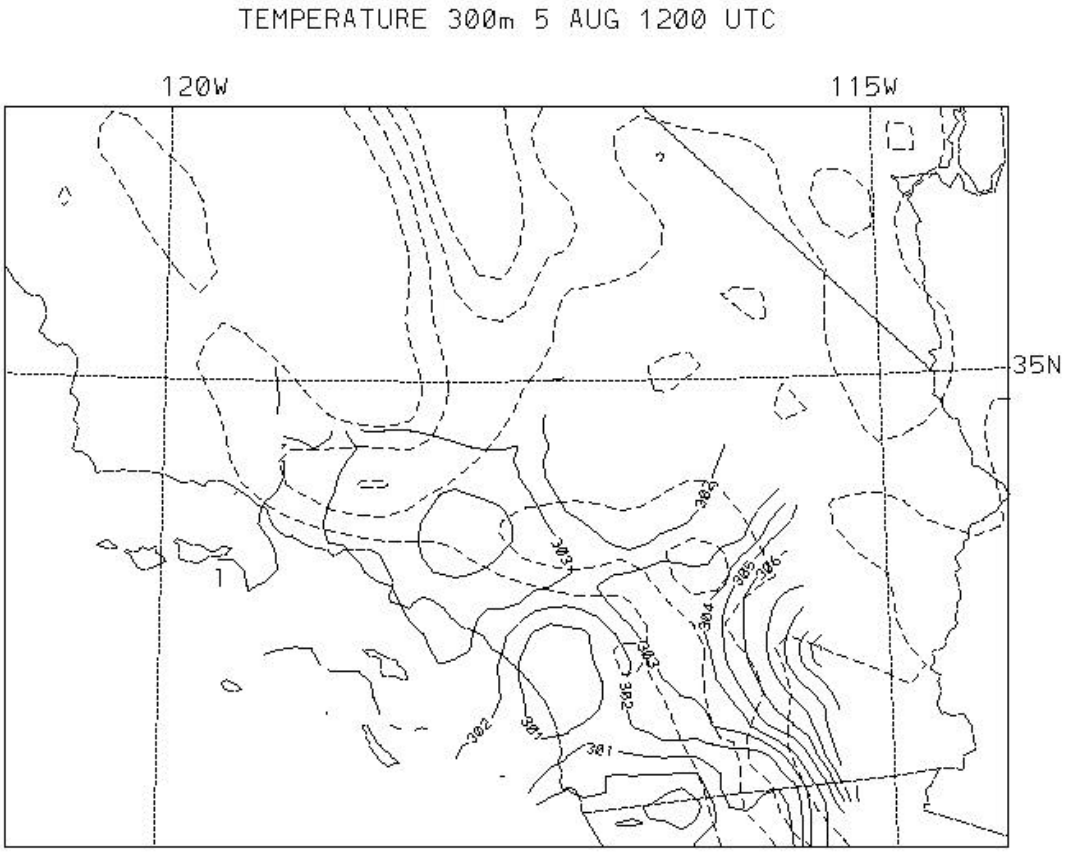

Figure 84c. Interpolated RASS temperatures (K) at 300m AGL on 05/12 UTC.

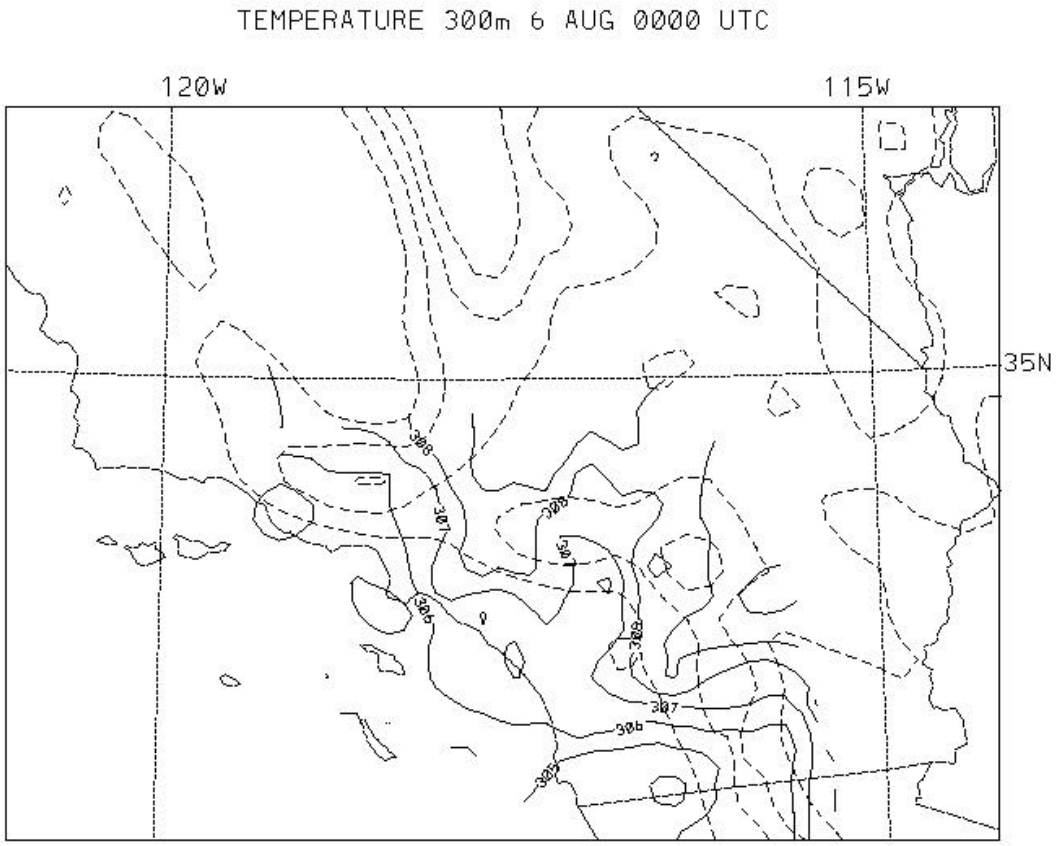

Figure 84d. Interpolated RASS temperatures (K) at 300m AGL on 06/00 UTC.

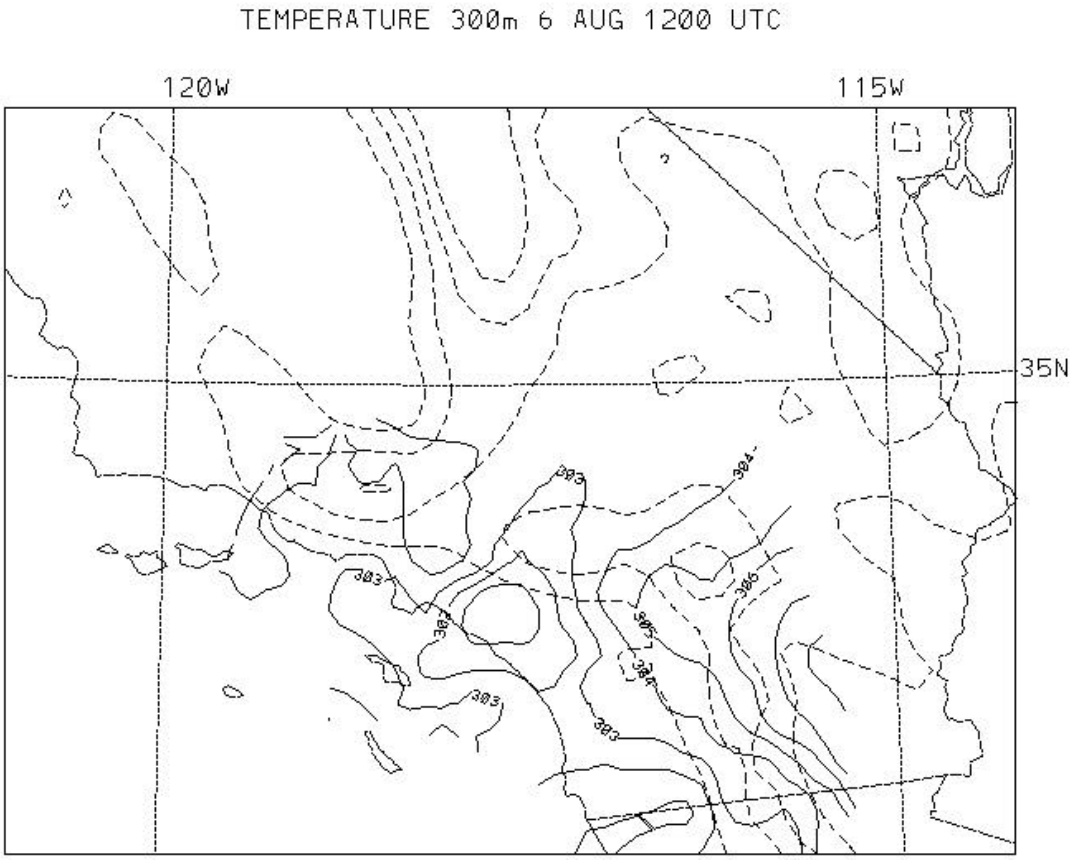

Figure 84e. Interpolated RASS temperatures (K) at 300m AGL on 06/12 UTC.

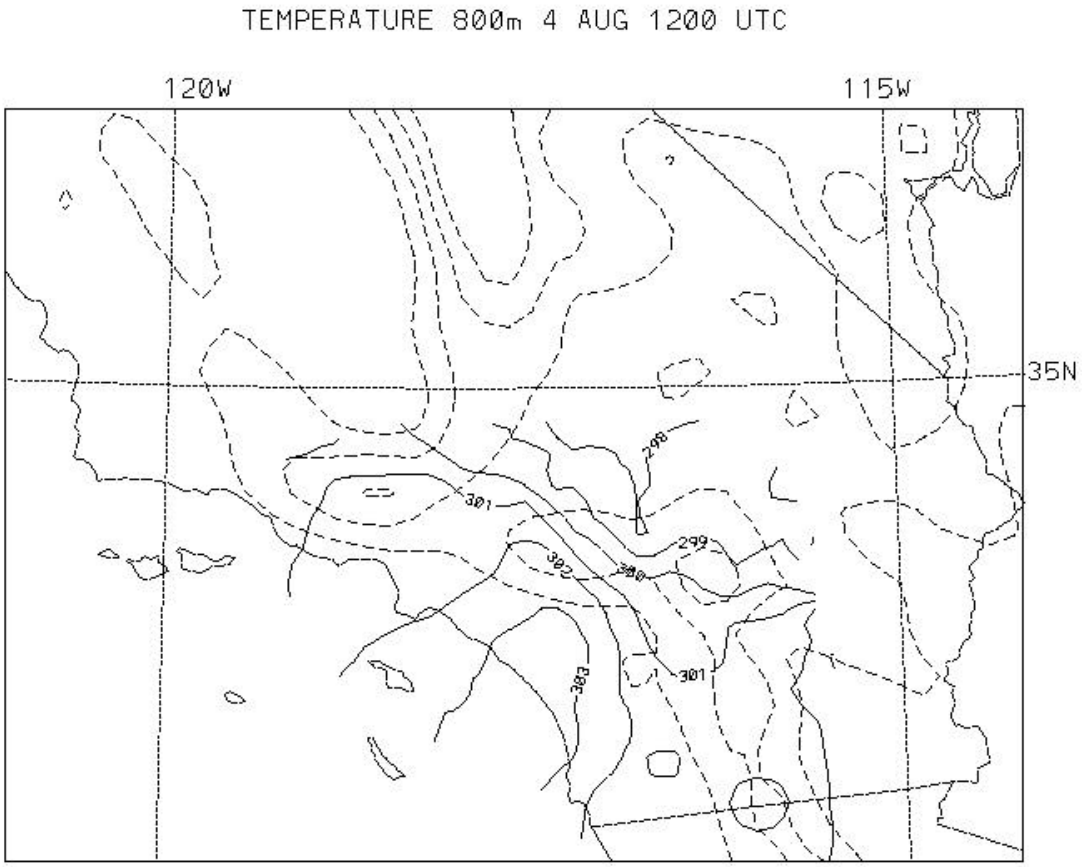

Figure 85a. Interpolated RASS temperatures (K) at 800 m AGL on 04/12 UTC.

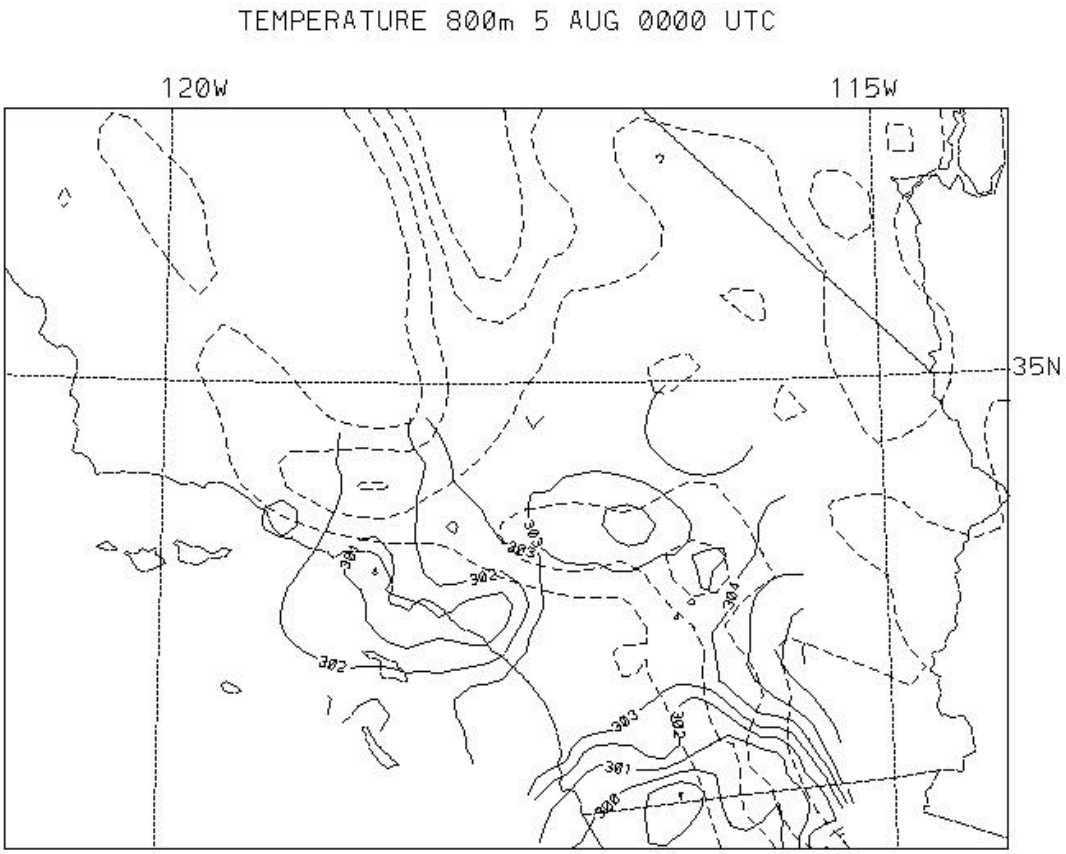

Figure 85b. Interpolated RASS temperatures (K) at 800 m AGL on 05/00 UTC.

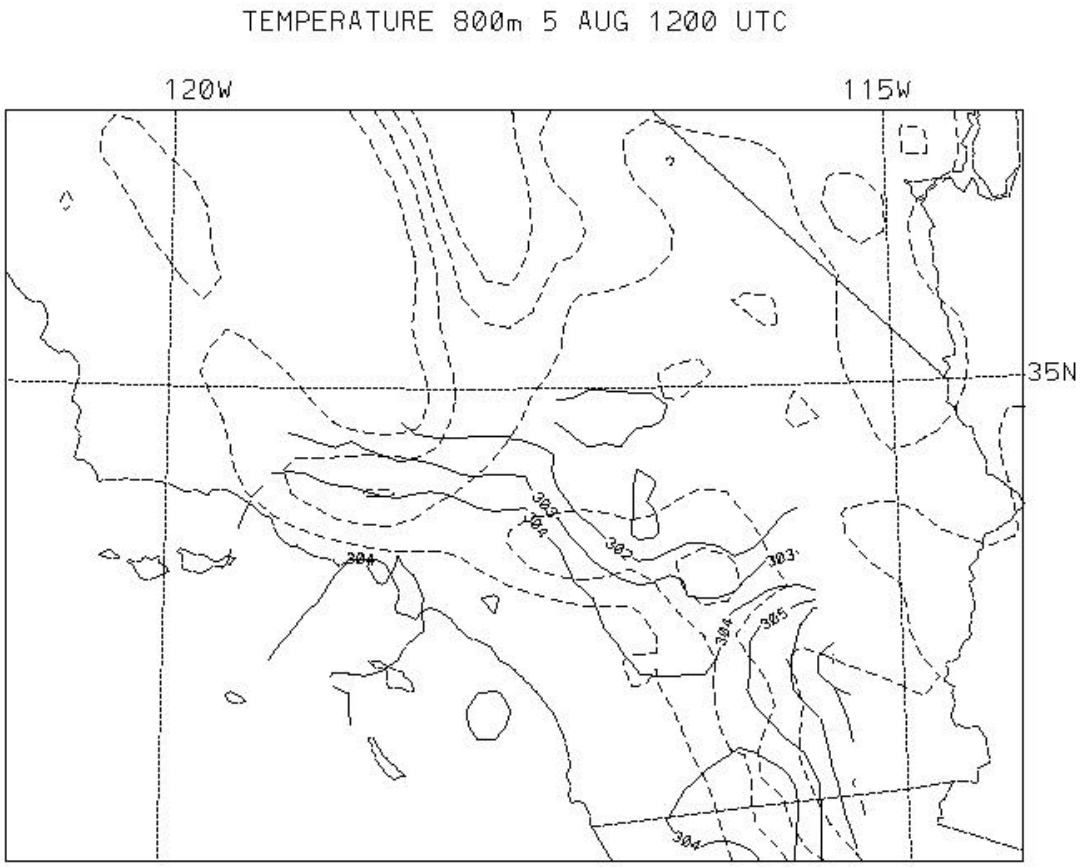

Figure 85c. Interpolated RASS temperatures (K) at 800 m AGL on 05/12 UTC.

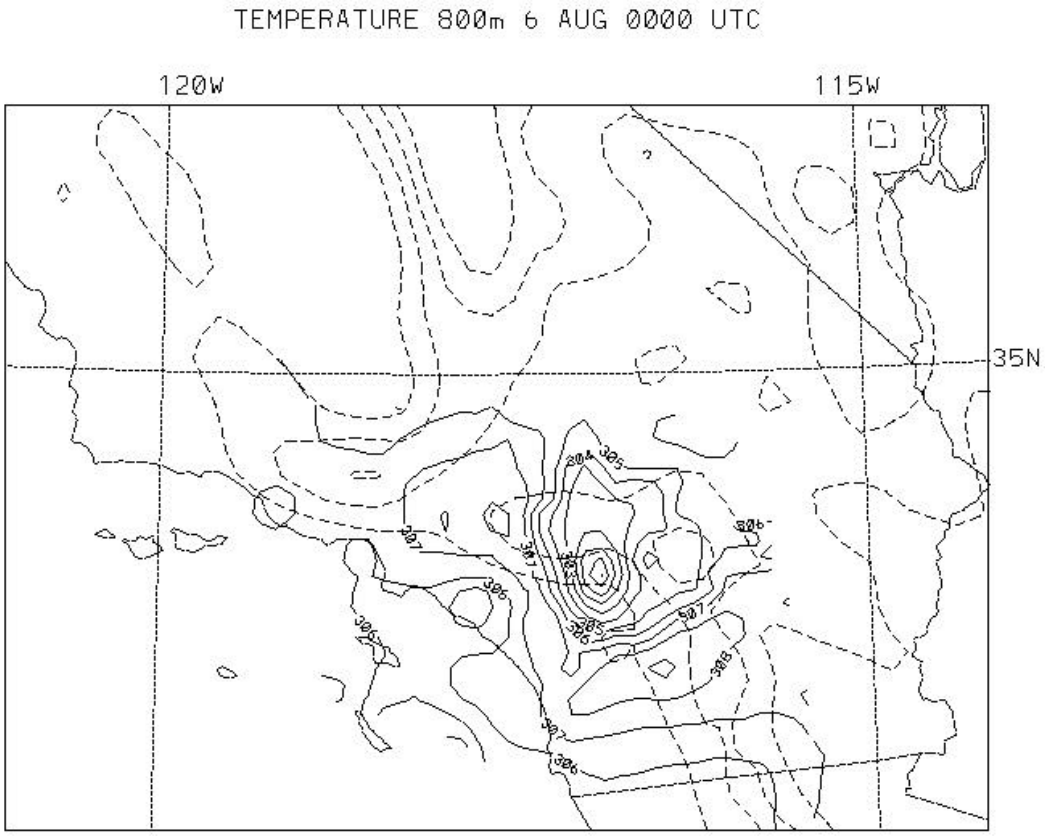

Figure 85d. Interpolated RASS temperatures (K) at 800 m AGL on 06/00 UTC.

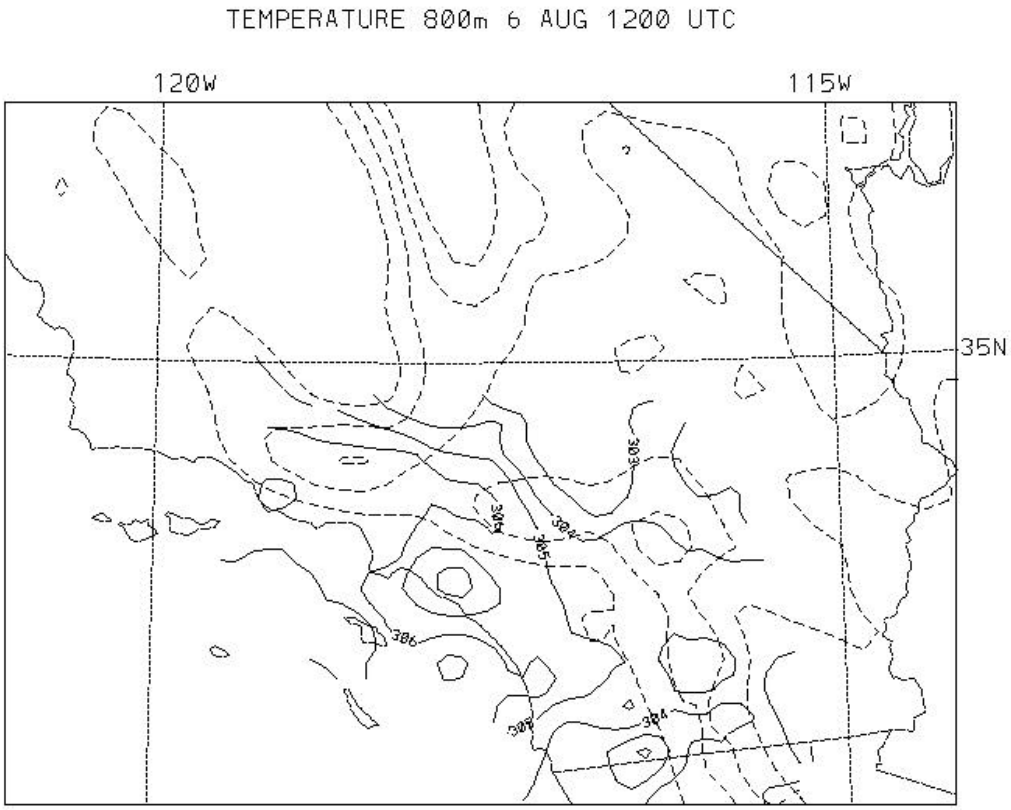

Figure 85e. Interpolated RASS temperatures (K) at 800 m AGL on 06/12 UTC.

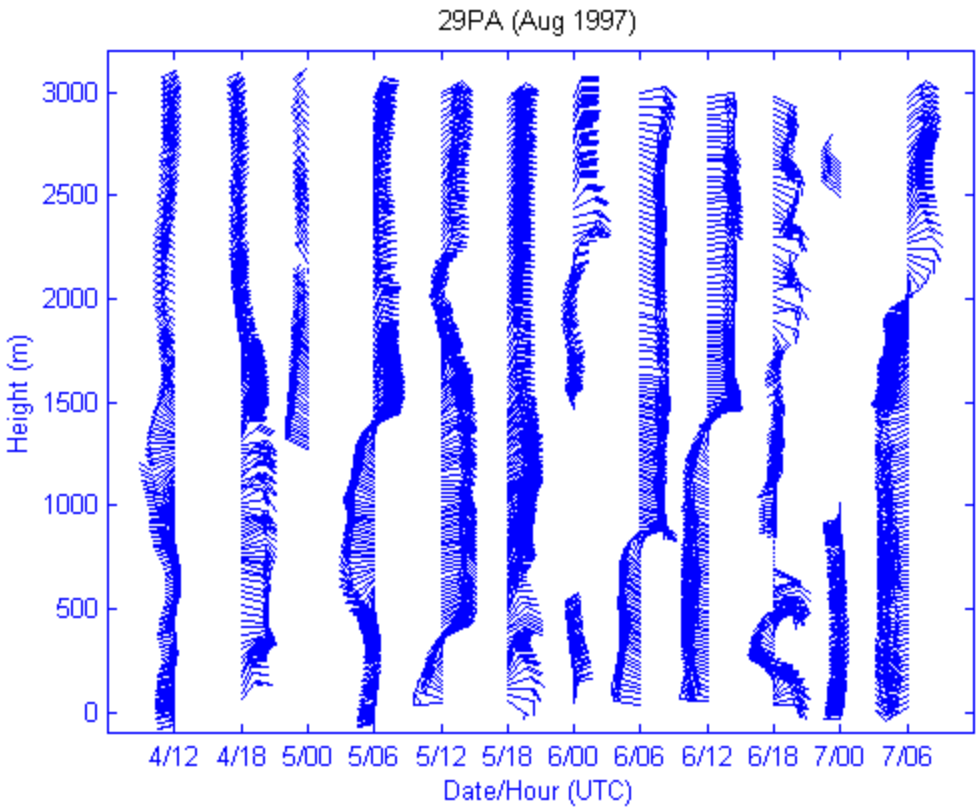

Figure 86a. Winds (full barb is 1 m s^{-1}) for SNIC rawinsonde sites from 04/12 or 04/20UTC to 07/06 or 07/20UTC.

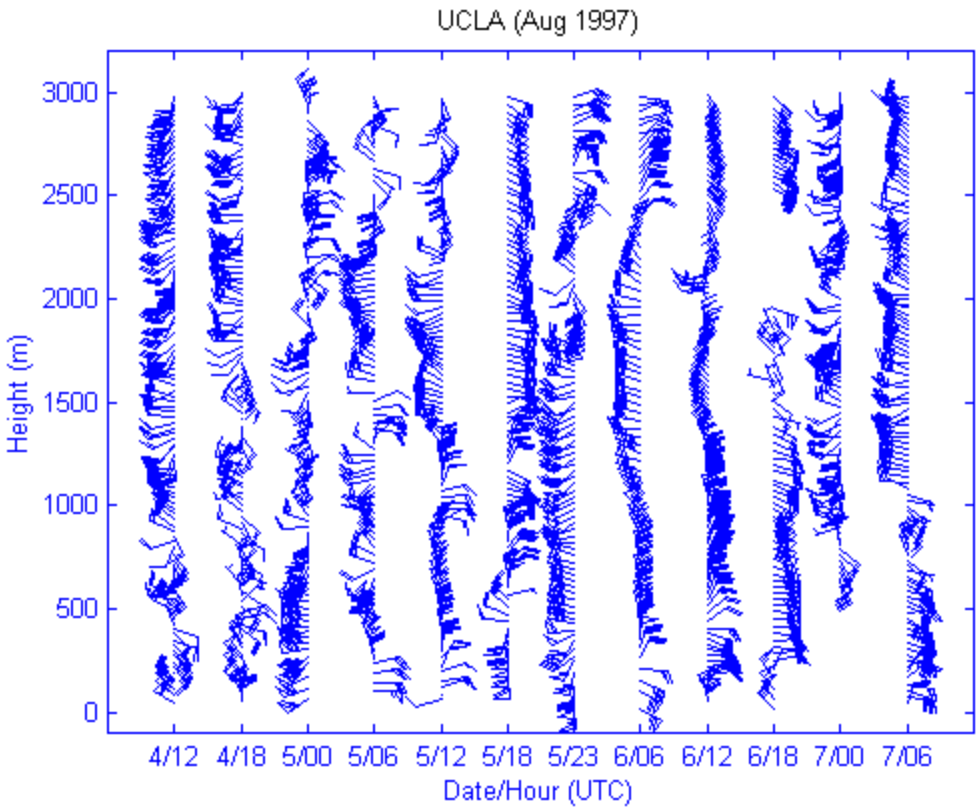

Figure 86b. Winds (full barb is 1 m s^{-1}) for UCLA, and rawinsonde sites from 04/12 or 04/20UTC to 07/06 or 07/20UTC.

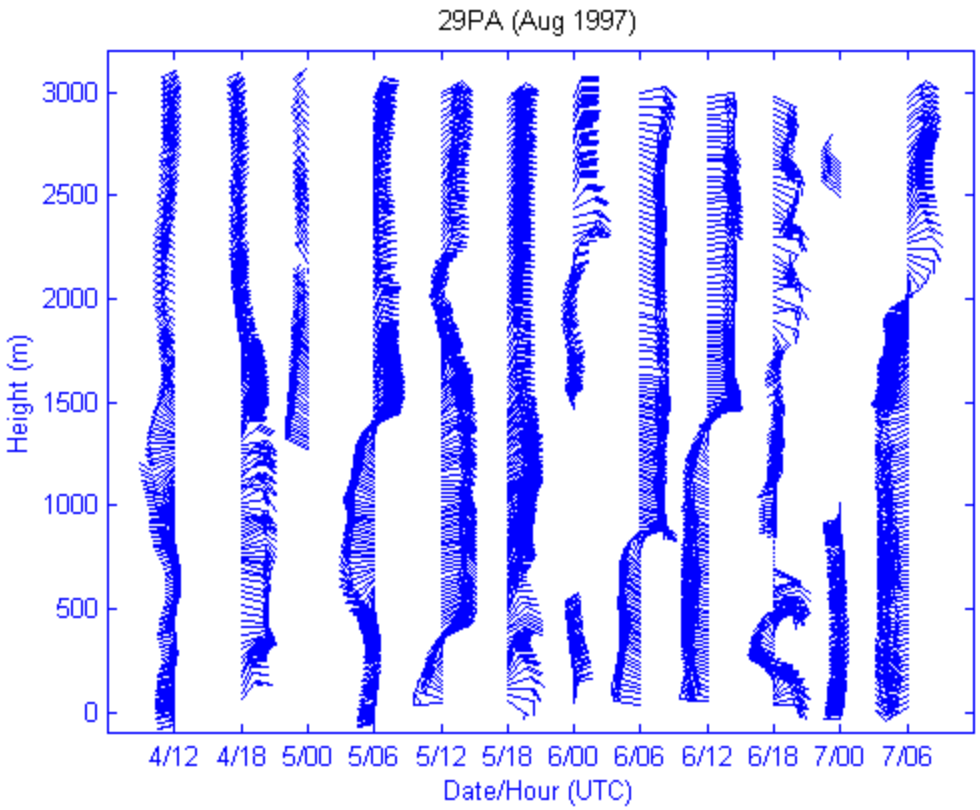

Figure 86c. Winds (full barb is 1 m s^{-1}) for 29PA rawinsonde sites from 04/12 or 04/20UTC to 07/06 or 07/20UTC.

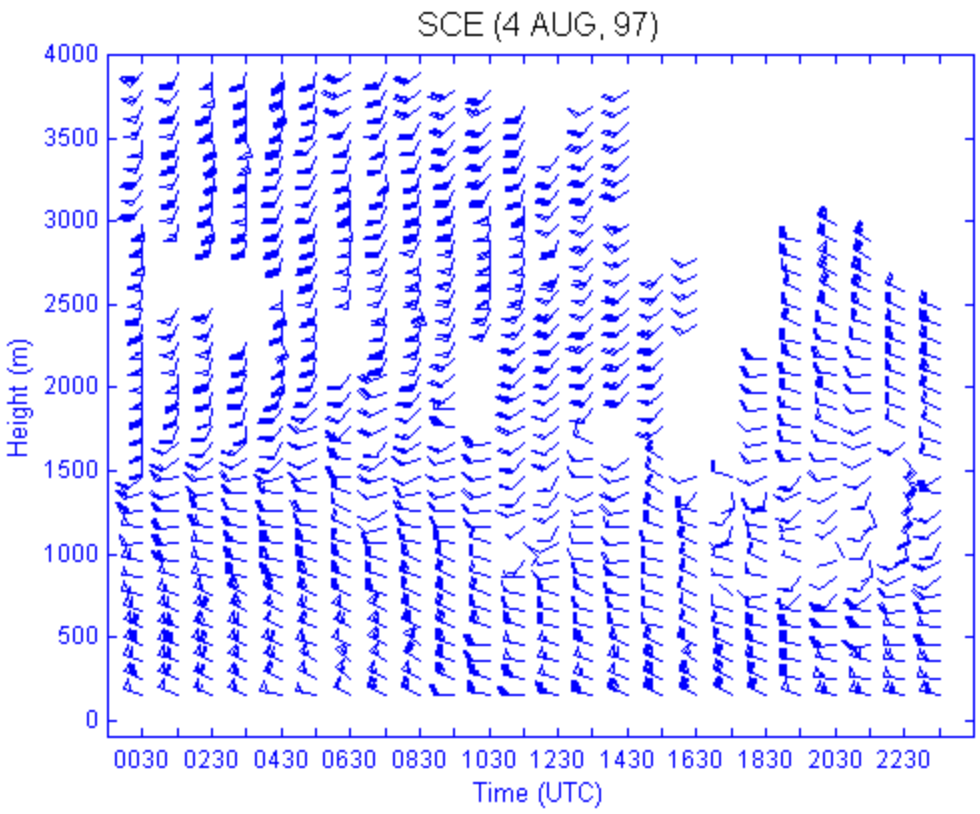

Figure 87a. SCE profiler winds (flag is 5 m s^{-1}) on 4 August.

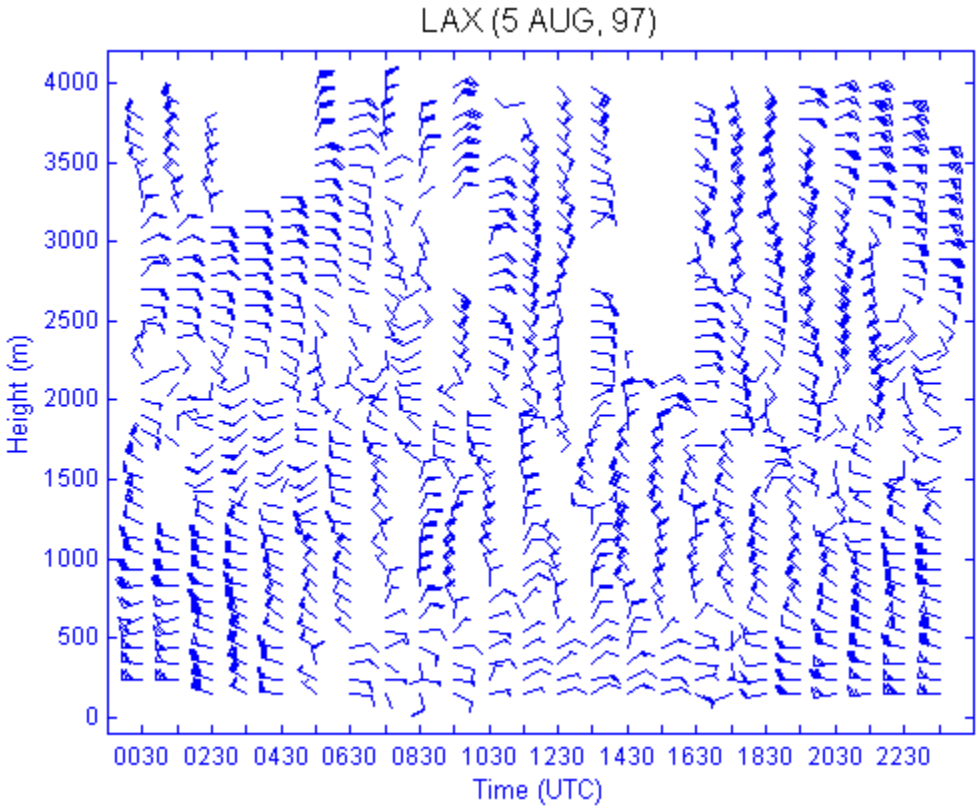

Figure 87b. SCE profiler winds (flag is 5 m s^{-1}) on: 5 August.

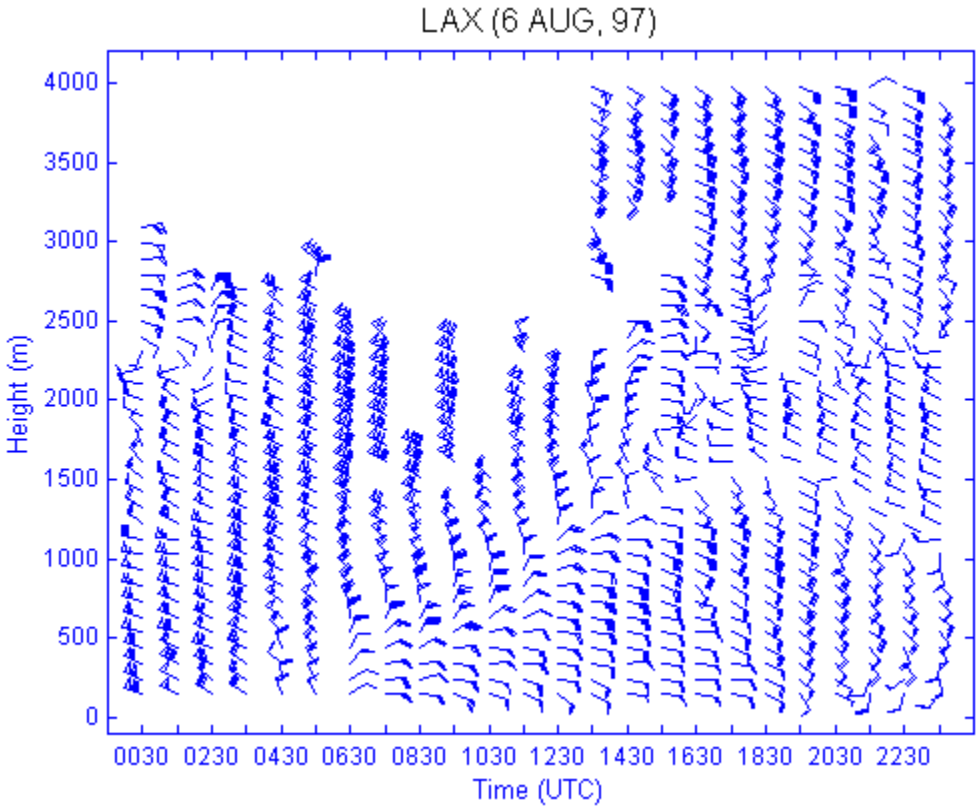

Figure 87c. SCE profiler winds (flag is 5 m s^{-1}) on 6 August.

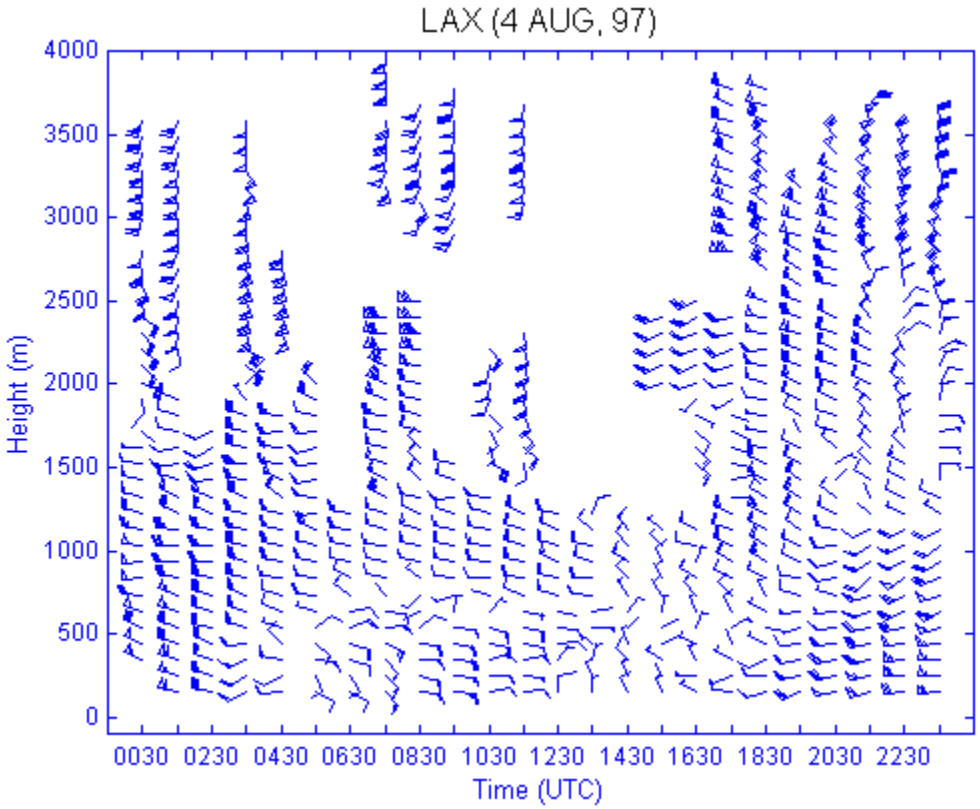

Figure 88a. LAX profiler winds (flag is 5 m s^{-1}) on 4 August.

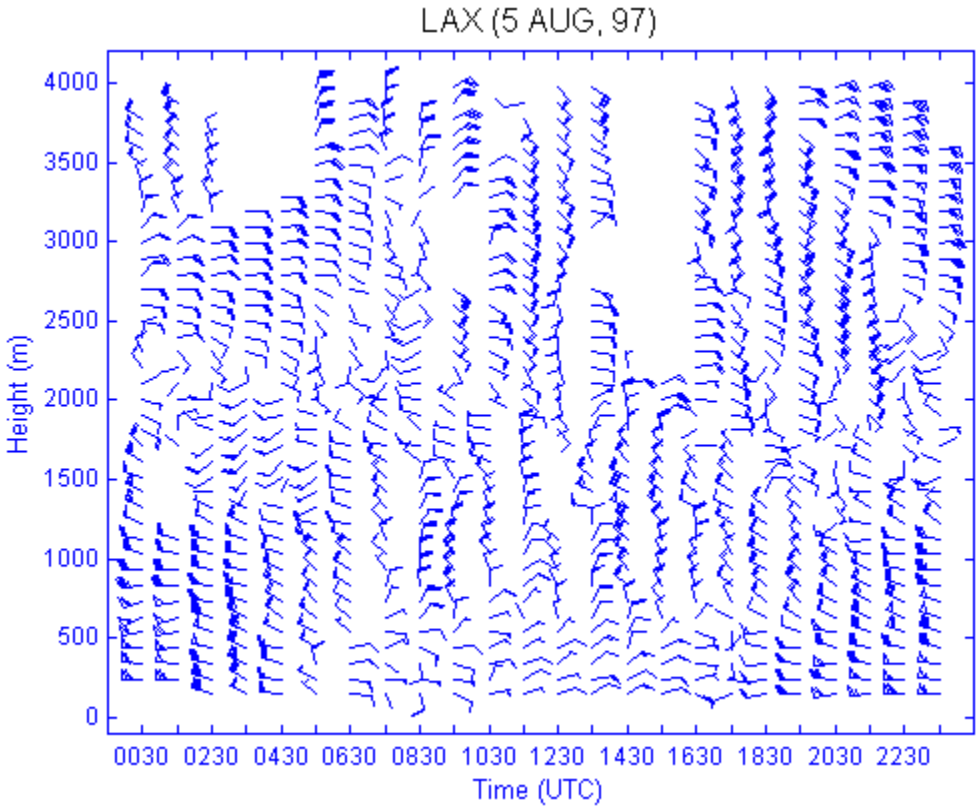

Figure 88b. LAX profiler winds (flag is 5 m s^{-1}) on 5 August.

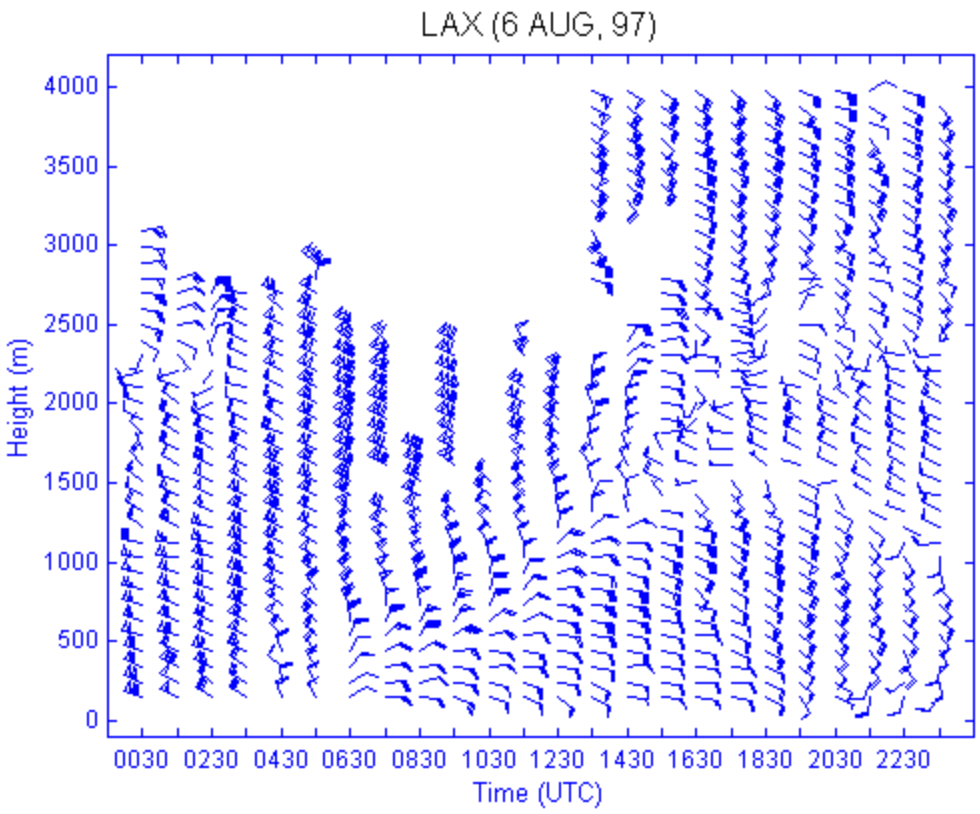

Figure 88c. LAX profiler winds (flag is 5 m s^{-1}) on 6 August.