

## Pressure-Temperature-Altitude Data for Green Bay and Nashville

Table 1: Temperature and Height Profiles for 23 September 2005 at 12 GMT

| Green Bay, Wisconsin |                        |                 | Nashville, Tennessee |                        |                 | Height Difference (meters) |
|----------------------|------------------------|-----------------|----------------------|------------------------|-----------------|----------------------------|
| Pressure (millibars) | Temp (degrees Celsius) | Height (meters) | Pressure (millibars) | Temp (degrees Celsius) | Height (meters) |                            |
| Surface (999)        | 9.0                    | 214             | Surface (996)        | 20.2                   | 210             | 4.0                        |
| 850                  | 7.4                    | 1,546           | 850                  | 17.6                   | 1,557           | 11                         |
| 700                  | 2.6                    | 3,128           | 700                  | 9.2                    | 3,183           | 55                         |
| 500                  | -14.3                  | 5,770           | 500                  | -6.3                   | 5,890           | 120                        |
| 400                  | -25.5                  | 7,430           | 400                  | -18.7                  | 7,590           | 160                        |
| 300                  | -39.3                  | 9,460           | 300                  | -32.3                  | 9,680           | 220                        |
| 250                  | -46.9                  | 10,680          | 250                  | -41.7                  | 10,940          | 260                        |
| 200                  | -53.5                  | 12,140          | 200                  | -52.3                  | 12,420          | 280                        |
| 100                  | -63.5                  | 16,480          | 100                  | -71.3                  | 16,640          | 160                        |

Table 2: Pressure Differences

| Height (meters) | Pressure Difference (millibars) |
|-----------------|---------------------------------|
| 9,000           |                                 |
| 10,000          |                                 |
| 11,000          |                                 |
| 12,000          |                                 |
| 13,000          |                                 |