

# 72210 TBW Tampa Bay Area Observations at 00Z 24 Jul 2015

| PRES<br>hPa | HGHT<br>m | TEMP<br>C | DWPT<br>C | RELH<br>% | MIXR<br>g/kg | DRCT<br>deg | SKNT<br>knot | THTA<br>K | THTE<br>K | THTV<br>K |
|-------------|-----------|-----------|-----------|-----------|--------------|-------------|--------------|-----------|-----------|-----------|
| 1015.0      | 13        | 30.0      | 25.5      | 77        | 20.76        | 245         | 7            | 301.9     | 363.5     | 305.6     |
| 1011.0      | 49        | 29.2      | 23.2      | 70        | 18.08        | 250         | 8            | 301.4     | 354.9     | 304.7     |
| 1000.0      | 148       | 28.2      | 23.2      | 74        | 18.28        | 265         | 11           | 301.4     | 355.4     | 304.6     |
| 982.4       | 305       | 26.7      | 22.8      | 79        | 18.14        | 270         | 12           | 301.4     | 355.0     | 304.6     |
| 954.0       | 565       | 24.2      | 22.1      | 88        | 17.91        | 274         | 14           | 301.4     | 354.3     | 304.6     |
| 949.1       | 610       | 24.1      | 21.3      | 85        | 17.11        | 275         | 14           | 301.7     | 352.3     | 304.8     |
| 935.0       | 742       | 23.6      | 18.9      | 75        | 14.93        | 269         | 13           | 302.5     | 346.9     | 305.2     |
| 925.0       | 836       | 22.6      | 18.5      | 78        | 14.71        | 265         | 12           | 302.4     | 346.1     | 305.1     |
| 916.7       | 914       | 22.1      | 18.2      | 78        | 14.52        | 280         | 11           | 302.7     | 345.9     | 305.3     |
| 885.0       | 1219      | 20.2      | 16.8      | 81        | 13.81        | 280         | 12           | 303.8     | 345.0     | 306.3     |
| 866.0       | 1408      | 19.0      | 16.0      | 83        | 13.38        | 277         | 11           | 304.4     | 344.5     | 306.9     |
| 850.0       | 1568      | 18.0      | 15.0      | 83        | 12.77        | 275         | 10           | 305.0     | 343.4     | 307.3     |
| 824.4       | 1829      | 16.9      | 13.0      | 77        | 11.52        | 290         | 12           | 306.5     | 341.5     | 308.7     |
| 798.0       | 2108      | 15.8      | 10.8      | 72        | 10.29        | 272         | 8            | 308.2     | 339.7     | 310.1     |
| 795.5       | 2134      | 15.6      | 10.7      | 73        | 10.28        | 270         | 8            | 308.3     | 339.8     | 310.2     |
| 767.4       | 2438      | 13.6      | 9.9       | 79        | 10.08        | 265         | 9            | 309.2     | 340.2     | 311.1     |
| 747.0       | 2666      | 12.0      | 9.3       | 84        | 9.94         | 254         | 9            | 309.9     | 340.6     | 311.8     |
| 740.2       | 2743      | 11.6      | 8.9       | 84        | 9.78         | 250         | 9            | 310.3     | 340.5     | 312.1     |
| 727.0       | 2893      | 10.8      | 8.2       | 84        | 9.47         | 256         | 9            | 311.0     | 340.4     | 312.8     |
| 722.0       | 2951      | 10.8      | 6.8       | 76        | 8.66         | 259         | 9            | 311.6     | 338.6     | 313.3     |
| 700.0       | 3209      | 9.2       | 6.2       | 82        | 8.57         | 270         | 8            | 312.6     | 339.5     | 314.2     |
| 698.0       | 3233      | 9.0       | 6.1       | 82        | 8.53         | 270         | 8            | 312.7     | 339.4     | 314.3     |
| 683.0       | 3413      | 7.8       | 4.4       | 79        | 7.74         | 270         | 8            | 313.3     | 337.7     | 314.8     |
| 674.0       | 3522      | 7.6       | 2.6       | 71        | 6.89         | 270         | 7            | 314.2     | 336.2     | 315.6     |
| 667.0       | 3608      | 7.0       | 3.5       | 78        | 7.43         | 270         | 7            | 314.5     | 338.1     | 315.9     |
| 663.0       | 3658      | 6.8       | 2.4       | 74        | 6.92         | 270         | 7            | 314.8     | 336.8     | 316.1     |
| 660.0       | 3695      | 6.6       | 1.6       | 70        | 6.55         | 272         | 7            | 315.0     | 335.9     | 316.3     |
| 646.0       | 3871      | 5.4       | 1.5       | 76        | 6.65         | 279         | 8            | 315.6     | 336.9     | 316.9     |
| 638.0       | 3973      | 5.0       | -2.0      | 61        | 5.21         | 283         | 9            | 316.3     | 333.1     | 317.3     |
| 632.0       | 4050      | 4.4       | 0.3       | 75        | 6.23         | 286         | 9            | 316.4     | 336.5     | 317.6     |
| 618.0       | 4232      | 3.2       | -2.8      | 65        | 5.06         | 294         | 10           | 317.1     | 333.6     | 318.1     |
| 615.4       | 4267      | 2.9       | -2.1      | 69        | 5.34         | 295         | 10           | 317.2     | 334.5     | 318.2     |
| 610.0       | 4338      | 2.4       | -0.8      | 79        | 5.95         | 294         | 10           | 317.4     | 336.6     | 318.5     |
| 603.0       | 4431      | 2.2       | -4.8      | 60        | 4.46         | 292         | 9            | 318.2     | 332.8     | 319.0     |
| 593.0       | 4566      | 1.4       | -5.6      | 60        | 4.27         | 290         | 9            | 318.8     | 332.9     | 319.6     |
| 583.0       | 4703      | 0.4       | -4.3      | 71        | 4.80         | 288         | 9            | 319.1     | 334.9     | 320.1     |
| 579.0       | 4758      | -0.1      | -2.4      | 84        | 5.57         | 287         | 8            | 319.2     | 337.4     | 320.3     |
| 570.5       | 4877      | -0.8      | -4.4      | 77        | 4.88         | 285         | 8            | 319.7     | 335.8     | 320.7     |
| 569.0       | 4898      | -0.9      | -4.7      | 75        | 4.77         | 285         | 8            | 319.8     | 335.6     | 320.8     |
| 559.0       | 5039      | -1.7      | -4.9      | 79        | 4.78         | 283         | 9            | 320.5     | 336.3     | 321.4     |
| 555.0       | 5097      | -1.9      | -7.9      | 64        | 3.82         | 283         | 9            | 320.9     | 333.7     | 321.7     |
| 551.0       | 5154      | -2.5      | -5.8      | 78        | 4.53         | 282         | 9            | 320.9     | 335.9     | 321.8     |
| 545.0       | 5241      | -3.1      | -5.8      | 82        | 4.58         | 282         | 10           | 321.2     | 336.4     | 322.1     |
| 541.0       | 5299      | -3.1      | -6.7      | 76        | 4.30         | 281         | 10           | 321.9     | 336.2     | 322.7     |
| 536.0       | 5373      | -3.7      | -5.9      | 85        | 4.62         | 280         | 10           | 322.0     | 337.4     | 322.9     |
| 531.0       | 5447      | -3.7      | -8.0      | 72        | 3.96         | 280         | 11           | 322.9     | 336.2     | 323.6     |
| 526.0       | 5522      | -4.3      | -8.3      | 74        | 3.91         | 279         | 11           | 323.0     | 336.2     | 323.8     |
| 523.0       | 5567      | -4.5      | -11.5     | 58        | 3.05         | 278         | 11           | 323.3     | 333.7     | 323.9     |
| 517.0       | 5658      | -4.9      | -9.9      | 68        | 3.51         | 278         | 12           | 323.9     | 335.8     | 324.6     |
| 514.0       | 5704      | -4.9      | -15.9     | 42        | 2.17         | 277         | 12           | 324.4     | 332.0     | 324.9     |
| 503.0       | 5873      | -6.1      | -19.1     | 35        | 1.69         | 275         | 13           | 325.0     | 331.0     | 325.3     |
| 500.0       | 5920      | -6.5      | -16.5     | 45        | 2.12         | 275         | 13           | 325.1     | 332.5     | 325.5     |
| 497.0       | 5967      | -6.7      | -15.7     | 49        | 2.28         | 278         | 12           | 325.4     | 333.3     | 325.8     |

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|-------|-------|-------|-------|----|------|-----|----|-------|-------|-------|
| 493.0 | 6030  | -6.9  | -18.9 | 38 | 1.75 | 281 | 12 | 325.9 | 332.1 | 326.2 |
| 488.9 | 6096  | -7.6  | -14.6 | 57 | 2.53 | 285 | 11 | 325.9 | 334.7 | 326.4 |
| 488.0 | 6110  | -7.7  | -13.7 | 62 | 2.74 | 286 | 11 | 325.8 | 335.3 | 326.4 |
| 481.0 | 6223  | -7.9  | -19.9 | 38 | 1.65 | 290 | 11 | 326.9 | 332.9 | 327.3 |
| 477.0 | 6288  | -8.3  | -19.3 | 41 | 1.75 | 292 | 11 | 327.2 | 333.5 | 327.6 |
| 469.0 | 6419  | -8.9  | -24.9 | 26 | 1.09 | 297 | 11 | 328.1 | 332.1 | 328.3 |
| 463.0 | 6519  | -9.5  | -22.5 | 34 | 1.36 | 300 | 11 | 328.5 | 333.5 | 328.8 |
| 456.0 | 6637  | -9.7  | -29.7 | 18 | 0.72 | 304 | 11 | 329.7 | 332.4 | 329.9 |
| 449.0 | 6756  | -9.9  | -28.9 | 20 | 0.79 | 309 | 11 | 330.9 | 333.9 | 331.1 |
| 445.0 | 6825  | -10.5 | -24.5 | 31 | 1.19 | 311 | 11 | 331.0 | 335.4 | 331.2 |
| 439.0 | 6930  | -10.7 | -35.7 | 11 | 0.42 | 315 | 10 | 332.1 | 333.7 | 332.1 |
| 422.0 | 7233  | -12.9 | -36.9 | 11 | 0.38 | 326 | 10 | 333.0 | 334.5 | 333.1 |
| 419.0 | 7287  | -13.1 | -28.1 | 27 | 0.91 | 328 | 10 | 333.4 | 336.9 | 333.6 |
| 412.0 | 7416  | -13.7 | -37.7 | 11 | 0.36 | 333 | 10 | 334.3 | 335.7 | 334.3 |
| 401.1 | 7620  | -14.9 | -34.9 | 16 | 0.49 | 340 | 10 | 335.3 | 337.2 | 335.4 |
| 401.0 | 7621  | -14.9 | -34.9 | 16 | 0.49 | 340 | 10 | 335.3 | 337.2 | 335.4 |
| 400.0 | 7640  | -15.1 | -35.1 | 16 | 0.49 | 340 | 10 | 335.3 | 337.2 | 335.4 |
| 393.0 | 7773  | -16.1 | -35.1 | 18 | 0.49 | 345 | 10 | 335.7 | 337.6 | 335.8 |
| 385.1 | 7925  | -17.6 | -32.1 | 27 | 0.68 | 350 | 11 | 335.7 | 338.3 | 335.8 |
| 379.0 | 8045  | -18.7 | -29.7 | 37 | 0.86 | 360 | 12 | 335.7 | 339.1 | 335.9 |
| 373.0 | 8163  | -19.7 | -26.7 | 54 | 1.16 | 10  | 13 | 335.9 | 340.3 | 336.2 |
| 369.7 | 8230  | -19.9 | -26.0 | 59 | 1.25 | 15  | 13 | 336.5 | 341.2 | 336.7 |
| 362.0 | 8385  | -20.5 | -24.3 | 72 | 1.49 | 20  | 14 | 337.8 | 343.3 | 338.1 |
| 358.0 | 8467  | -20.9 | -25.9 | 64 | 1.30 | 23  | 14 | 338.3 | 343.2 | 338.6 |
| 354.8 | 8534  | -21.0 | -25.9 | 64 | 1.31 | 25  | 14 | 339.0 | 344.0 | 339.3 |
| 352.0 | 8592  | -21.1 | -26.0 | 65 | 1.31 | 23  | 14 | 339.7 | 344.6 | 339.9 |
| 340.4 | 8839  | -22.9 | -27.9 | 64 | 1.14 | 15  | 16 | 340.4 | 344.8 | 340.6 |
| 337.0 | 8912  | -23.5 | -28.5 | 63 | 1.09 | 17  | 16 | 340.6 | 344.8 | 340.9 |
| 326.4 | 9144  | -25.6 | -29.4 | 71 | 1.04 | 25  | 17 | 340.9 | 344.9 | 341.1 |
| 321.0 | 9265  | -26.7 | -29.8 | 75 | 1.01 | 27  | 17 | 341.0 | 344.9 | 341.2 |
| 314.0 | 9424  | -27.7 | -29.7 | 83 | 1.04 | 30  | 16 | 341.7 | 345.8 | 342.0 |
| 308.0 | 9562  | -28.7 | -32.2 | 72 | 0.84 | 32  | 16 | 342.2 | 345.5 | 342.4 |
| 302.0 | 9703  | -29.7 | -32.6 | 76 | 0.82 | 34  | 15 | 342.8 | 346.0 | 342.9 |
| 300.0 | 9750  | -30.1 | -33.2 | 74 | 0.78 | 35  | 15 | 342.8 | 345.9 | 343.0 |
| 295.0 | 9869  | -30.9 | -35.2 | 66 | 0.65 | 35  | 16 | 343.4 | 346.0 | 343.5 |
| 283.0 | 10162 | -33.3 | -36.8 | 71 | 0.58 | 37  | 19 | 344.0 | 346.4 | 344.1 |
| 256.0 | 10858 | -38.7 | -44.7 | 53 | 0.28 | 39  | 26 | 346.0 | 347.2 | 346.1 |
| 250.0 | 11020 | -40.1 | -45.1 | 59 | 0.27 | 40  | 28 | 346.3 | 347.5 | 346.4 |
| 240.6 | 11278 | -42.2 | -47.1 | 59 | 0.23 | 40  | 29 | 346.9 | 347.9 | 347.0 |
| 231.0 | 11554 | -44.5 | -49.3 | 59 | 0.19 | 43  | 27 | 347.5 | 348.3 | 347.6 |
| 213.0 | 12091 | -49.1 | -55.1 | 49 | 0.10 | 50  | 24 | 348.5 | 349.0 | 348.6 |
| 200.0 | 12500 | -52.7 | -58.7 | 48 | 0.07 | 55  | 22 | 349.1 | 349.5 | 349.2 |
| 190.8 | 12802 | -55.4 | -61.4 | 47 | 0.05 | 70  | 23 | 349.6 | 349.9 | 349.6 |
| 185.0 | 12999 | -57.1 | -63.1 | 46 | 0.04 | 79  | 22 | 349.9 | 350.1 | 349.9 |
| 164.8 | 13716 | -62.4 | -68.9 | 41 | 0.02 | 115 | 17 | 352.8 | 352.9 | 352.8 |
| 150.0 | 14300 | -66.7 | -73.7 | 37 | 0.01 | 90  | 15 | 355.0 | 355.1 | 355.0 |
| 143.0 | 14587 | -69.5 | -76.5 | 35 | 0.01 | 64  | 17 | 355.0 | 355.0 | 355.0 |
| 141.9 | 14630 | -69.8 | -76.6 | 36 | 0.01 | 60  | 17 | 355.3 | 355.3 | 355.3 |
| 134.8 | 14935 | -71.6 | -77.4 | 42 | 0.01 | 75  | 20 | 357.3 | 357.3 | 357.3 |
| 130.0 | 15150 | -72.9 | -77.9 | 47 | 0.01 | 61  | 23 | 358.7 | 358.7 | 358.7 |
| 128.0 | 15240 | -73.1 | -79.1 | 40 | 0.01 | 55  | 24 | 359.9 | 360.0 | 359.9 |
| 124.0 | 15426 | -74.1 | -80.1 | 39 | 0.01 | 53  | 26 | 361.4 | 361.4 | 361.4 |
| 120.0 | 15616 | -75.3 | -81.3 | 39 | 0.00 | 52  | 28 | 362.6 | 362.6 | 362.6 |
| 115.2 | 15850 | -77.0 | -81.5 | 49 | 0.00 | 50  | 31 | 363.6 | 363.6 | 363.6 |
| 114.0 | 15911 | -77.5 | -81.6 | 52 | 0.00 | 50  | 30 | 363.9 | 363.9 | 363.9 |
| 109.0 | 16169 | -76.1 | -82.1 | 38 | 0.00 | 55  | 25 | 371.2 | 371.2 | 371.2 |
| 106.0 | 16330 | -74.1 | -81.1 | 33 | 0.01 | 58  | 21 | 378.0 | 378.0 | 378.0 |
| 100.0 | 16670 | -73.5 | -81.5 | 29 | 0.01 | 65  | 14 | 385.5 | 385.5 | 385.5 |
| 93.9  | 17036 | -75.5 | -81.5 | 39 | 0.01 | 71  | 18 | 388.5 | 388.6 | 388.5 |
| 90.7  | 17237 | -74.7 | -80.7 | 39 | 0.01 | 74  | 20 | 394.0 | 394.0 | 394.0 |
| 87.8  | 17427 | -72.3 | -80.3 | 29 | 0.01 | 77  | 22 | 402.5 | 402.5 | 402.5 |

|      |       |       |       |    |      |     |    |        |        |        |
|------|-------|-------|-------|----|------|-----|----|--------|--------|--------|
| 86.8 | 17495 | -69.9 | -78.9 | 26 | 0.01 | 78  | 23 | 408.6  | 408.7  | 408.6  |
| 81.6 | 17866 | -66.1 | -77.1 | 20 | 0.01 | 83  | 27 | 423.7  | 423.7  | 423.7  |
| 80.0 | 17983 | -65.9 | -76.9 | 20 | 0.01 | 85  | 28 | 426.4  | 426.5  | 426.4  |
| 76.1 | 18288 | -65.4 | -76.4 | 20 | 0.02 | 95  | 18 | 433.6  | 433.7  | 433.6  |
| 72.4 | 18593 | -64.8 | -75.8 | 21 | 0.02 | 80  | 16 | 441.0  | 441.1  | 441.0  |
| 70.0 | 18800 | -64.5 | -75.5 | 21 | 0.02 | 90  | 23 | 446.1  | 446.2  | 446.1  |
| 68.9 | 18898 | -64.5 | -75.6 | 20 | 0.02 | 95  | 24 | 448.2  | 448.3  | 448.2  |
| 65.5 | 19202 | -64.4 | -76.1 | 19 | 0.02 | 115 | 17 | 454.8  | 454.9  | 454.8  |
| 63.8 | 19367 | -64.3 | -76.3 | 18 | 0.02 | 104 | 18 | 458.5  | 458.6  | 458.5  |
| 62.4 | 19507 | -62.5 | -76.2 | 14 | 0.02 | 95  | 18 | 465.5  | 465.6  | 465.5  |
| 61.3 | 19613 | -61.1 | -76.1 | 12 | 0.02 | 97  | 17 | 470.9  | 471.0  | 470.9  |
| 59.2 | 19829 | -62.5 | -76.5 | 14 | 0.02 | 100 | 16 | 472.4  | 472.6  | 472.4  |
| 56.8 | 20086 | -60.7 | -76.7 | 10 | 0.02 | 104 | 14 | 482.1  | 482.3  | 482.1  |
| 56.5 | 20117 | -60.7 | -76.8 | 10 | 0.02 | 105 | 14 | 482.9  | 483.0  | 482.9  |
| 53.8 | 20422 | -60.5 | -77.8 | 9  | 0.02 | 105 | 10 | 490.0  | 490.1  | 490.0  |
| 51.2 | 20726 | -60.4 | -78.8 | 7  | 0.02 | 80  | 26 | 497.2  | 497.4  | 497.2  |
| 50.0 | 20880 | -60.3 | -79.3 | 7  | 0.01 | 80  | 26 | 500.9  | 501.1  | 501.0  |
| 49.2 | 20980 | -60.1 | -79.1 | 7  | 0.02 | 82  | 26 | 503.7  | 503.9  | 503.7  |
| 46.5 | 21336 | -60.5 | -80.5 | 6  | 0.01 | 90  | 28 | 511.1  | 511.2  | 511.1  |
| 42.1 | 21946 | -61.2 | -82.8 | 4  | 0.01 | 65  | 25 | 524.0  | 524.1  | 524.0  |
| 41.3 | 22068 | -61.3 | -83.3 | 4  | 0.01 | 69  | 27 | 526.6  | 526.7  | 526.6  |
| 40.1 | 22250 | -60.2 | -83.6 | 3  | 0.01 | 75  | 31 | 533.6  | 533.7  | 533.6  |
| 39.5 | 22345 | -59.7 | -83.7 | 3  | 0.01 | 74  | 32 | 537.4  | 537.4  | 537.4  |
| 36.6 | 22821 | -59.5 | -85.5 | 2  | 0.01 | 69  | 40 | 549.7  | 549.8  | 549.7  |
| 34.7 | 23165 | -57.3 | -85.3 | 2  | 0.01 | 65  | 45 | 564.0  | 564.1  | 564.0  |
| 32.8 | 23513 | -55.1 | -85.1 | 1  | 0.01 | 71  | 42 | 578.9  | 579.0  | 578.9  |
| 30.0 | 24080 | -56.9 | -87.9 | 1  | 0.01 | 80  | 37 | 588.9  | 589.0  | 588.9  |
| 28.6 | 24384 | -55.7 | -87.3 | 1  | 0.01 | 85  | 39 | 600.4  | 600.5  | 600.4  |
| 27.3 | 24689 | -54.4 | -86.7 | 1  | 0.01 | 80  | 41 | 612.1  | 612.2  | 612.1  |
| 26.0 | 24994 | -53.2 | -86.0 | 1  | 0.01 | 100 | 46 | 624.0  | 624.1  | 624.0  |
| 25.7 | 25067 | -52.9 | -85.9 | 1  | 0.01 | 100 | 45 | 626.9  | 627.0  | 626.9  |
| 22.6 | 25908 | -51.8 | -85.3 | 1  | 0.01 | 95  | 34 | 654.0  | 654.1  | 654.0  |
| 20.5 | 26518 | -50.9 | -84.8 | 1  | 0.01 | 90  | 48 | 674.4  | 674.5  | 674.4  |
| 20.0 | 26690 | -50.7 | -84.7 | 1  | 0.02 | 90  | 48 | 680.2  | 680.4  | 680.2  |
| 17.9 | 27432 | -49.5 | -83.5 | 1  | 0.02 | 110 | 50 | 706.6  | 706.8  | 706.6  |
| 17.3 | 27639 | -49.1 | -83.1 | 1  | 0.02 | 104 | 49 | 714.1  | 714.4  | 714.1  |
| 16.3 | 28033 | -46.5 | -81.5 | 1  | 0.03 | 94  | 47 | 734.8  | 735.1  | 734.8  |
| 15.6 | 28346 | -46.5 | -81.5 | 1  | 0.03 | 85  | 45 | 744.8  | 745.1  | 744.8  |
| 13.6 | 29236 | -46.5 | -81.5 | 1  | 0.04 | 78  | 54 | 773.8  | 774.2  | 773.8  |
| 12.9 | 29566 | -45.5 | -80.8 | 1  | 0.05 | 75  | 57 | 788.4  | 789.0  | 788.4  |
| 11.7 | 30243 | -43.3 | -79.3 | 1  | 0.06 | 86  | 50 | 819.2  | 820.0  | 819.2  |
| 11.3 | 30480 | -43.7 | -79.7 | 1  | 0.06 | 90  | 48 | 826.2  | 827.0  | 826.2  |
| 10.8 | 30785 | -44.1 | -80.1 | 1  | 0.06 | 90  | 54 | 835.3  | 836.1  | 835.3  |
| 10.6 | 30907 | -44.3 | -80.3 | 1  | 0.06 | 91  | 48 | 839.0  | 839.7  | 839.0  |
| 10.1 | 31232 | -42.3 | -78.3 | 1  | 0.09 | 94  | 33 | 858.1  | 859.2  | 858.1  |
| 10.0 | 31300 | -40.9 | -77.9 | 1  | 0.09 | 95  | 30 | 865.7  | 866.9  | 865.8  |
| 9.9  | 31394 | -39.1 | -76.2 | 1  | 0.12 | 90  | 27 | 875.7  | 877.3  | 875.8  |
| 9.9  | 31368 | -39.3 | -76.3 | 1  | 0.12 | 91  | 28 | 874.2  | 875.8  | 874.3  |
| 9.4  | 31699 | -37.3 | -75.1 | 1  | 0.15 | 70  | 47 | 893.9  | 895.9  | 894.0  |
| 9.3  | 31798 | -36.7 | -74.7 | 1  | 0.16 | 71  | 47 | 899.9  | 902.0  | 900.0  |
| 8.5  | 32421 | -34.9 | -73.9 | 1  | 0.20 | 78  | 48 | 930.3  | 933.0  | 930.4  |
| 7.2  | 33528 | -38.5 | -75.9 | 1  | 0.18 | 90  | 49 | 959.1  | 961.6  | 959.2  |
| 7.0  | 33760 | -39.3 | -76.3 | 1  | 0.17 | 95  | 55 | 965.2  | 967.6  | 965.3  |
| 6.9  | 33833 | -39.6 | -76.6 | 1  | 0.16 | 95  | 56 | 966.8  | 969.1  | 966.9  |
| 6.7  | 34059 | -40.7 | -77.7 | 1  | 0.14 | 93  | 55 | 971.5  | 973.6  | 971.6  |
| 5.8  | 35055 | -33.7 | -72.7 | 1  | 0.36 | 85  | 49 | 1042.9 | 1048.2 | 1043.1 |
| 5.3  | 35662 | -34.5 | -73.5 | 1  | 0.34 | 80  | 46 | 1065.5 | 1070.8 | 1065.7 |
| 5.2  | 35819 | -34.7 | -73.7 | 1  | 0.34 |     |    | 1071.4 | 1076.7 | 1071.7 |

## Station information and sounding indices

Station identifier: TBW  
Station number: 72210  
Observation time: 150724/0000  
Station latitude: 27.70  
Station longitude: -82.40  
Station elevation: 13.0  
Showalter index: -0.97  
Lifted index: -5.24  
LIFT computed using virtual temperature: -6.05  
SWEAT index: 213.00  
K index: 36.50  
Cross totals index: 21.50  
Vertical totals index: 24.50  
Totals totals index: 46.00  
Convective Available Potential Energy: 1763.12  
CAPE using virtual temperature: 1964.36  
Convective Inhibition: -11.24  
CINS using virtual temperature: -3.07  
Equilibrium Level: 142.58  
Equilibrium Level using virtual temperature: 142.56  
Level of Free Convection: 887.88  
LFCT using virtual temperature: 915.47  
Bulk Richardson Number: 3349.56  
Bulk Richardson Number using CAPV: 3731.88  
Temp [K] of the Lifted Condensation Level: 295.07  
Pres [hPa] of the Lifted Condensation Level: 928.68  
Mean mixed layer potential temperature: 301.39  
Mean mixed layer mixing ratio: 18.23  
1000 hPa to 500 hPa thickness: 5772.00  
Precipitable water [mm] for entire sounding: 55.58

Description of the [data columns](#) or [sounding indices](#).

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Questions about the weather data provided by this site can be addressed to [Larry Oolman \(ldoolman@uwyo.edu\)](mailto:Larry.Oolman@uwyo.edu)

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