



# National Weather Service

## California Nevada

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## Mount Shasta, CA (KMHS)

Latitude: 41.32° N

Longitude: 122.32° W

Elevation: 3533 Feet

Latest Obs: 10/14/2009 17:56 PDT

| Date | Time (PDT) | Wind (mph) | Visby (mi) | Weather                    | Sky                        | Temperature |           |        | Pressure       |                | Precipitation |          |          |           |
|------|------------|------------|------------|----------------------------|----------------------------|-------------|-----------|--------|----------------|----------------|---------------|----------|----------|-----------|
|      |            |            |            |                            |                            | Air (°F)    | Dwpt (°F) | RH (%) | Altimeter (in) | Sea Level (mb) | 1 h (in)      | 3 h (in) | 6 h (in) | 24 h (in) |
| 14   | 17:56      | Calm       | 10.00      | Mostly Cloudy              | FEW034<br>BKN041           | 54          | 50        | 86     | 29.99          | 1016.2         | 0.01          |          |          |           |
| 14   | 16:56      | Vrbl 3     | 10.00      | Overcast                   | OVC037                     | 54          | 50        | 86     | 29.96          | 1015.3         |               |          | 0.01     |           |
| 14   | 15:56      | Vrbl 3     | 10.00      | Mostly Cloudy              | FEW028<br>BKN038<br>BKN045 | 56          | 51        | 83     | 29.95          | 1014.7         | 0.01          |          |          |           |
| 14   | 14:56      | Vrbl 4     | 10.00      | Overcast                   | BKN037<br>OVC048           | 56          | 51        | 83     | 29.92          | 1013.7         | T             |          |          |           |
| 14   | 13:56      | Calm       | 9.00       | Light Rain                 | SCT020<br>SCT028<br>BKN038 | 57          | 52        | 83     | 29.91          | 1013.4         | T             |          |          |           |
| 14   | 12:56      | Calm       | 10.00      | Light Rain                 | BKN038<br>BKN047           | 58          | 49        | 71     | 29.90          | 1013.0         | T             |          |          |           |
| 14   | 11:56      | Vrbl 5     | 10.00      | Light Rain                 | OVC036                     | 55          | 48        | 77     | 29.86          | 1011.9         | T             |          |          |           |
| 14   | 10:56      | Calm       | 10.00      | Overcast                   | BKN035<br>OVC042           | 54          | 50        | 86     | 29.84          | 1011.1         | 0.01          |          |          |           |
| 14   | 9:56       | Vrbl 4     | 8.00       | Light Rain                 | FEW019<br>SCT025<br>OVC033 | 52          | 49        | 89     | 29.80          | 1010.0         | 0.03          |          |          |           |
| 14   | 9:26       | Calm       | 6.00       | Light Rain<br>Fog and Mist | FEW014<br>BKN029<br>OVC037 | 52          | 48        | 87     | 29.77          |                | 0.01          |          |          |           |
| 14   | 8:56       | Calm       | 10.00      | Light Rain                 | FEW027<br>BKN035<br>OVC044 | 51          | 48        | 89     | 29.74          | 1008.0         | 0.01          |          |          |           |
| 14   | 7:56       | Calm       | 9.00       | Light Rain                 | FEW028<br>BKN035<br>OVC070 | 50          | 48        | 93     | 29.70          | 1006.5         | 0.02          |          |          |           |
| 14   | 6:56       | Vrbl 3     | 10.00      | Mostly Cloudy              | SCT035<br>BKN046           | 51          | 45        | 79     | 29.66          | 1005.3         | 0.01          |          |          |           |

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|    |       |        |       |                            |                            |    |    |    |       |        |      |  |      |      |
|----|-------|--------|-------|----------------------------|----------------------------|----|----|----|-------|--------|------|--|------|------|
| 14 | 5:56  | Calm   | 10.00 | Overcast                   | BKN038<br>OVC045           | 50 | 45 | 81 | 29.62 | 1003.9 | 0.01 |  |      |      |
| 14 | 4:56  | Calm   | 9.00  | Light Rain                 | BKN033<br>OVC045           | 50 | 46 | 87 | 29.59 | 1002.8 | 0.05 |  | 0.38 | 3.11 |
| 14 | 3:56  | Calm   | 10.00 | Light Rain                 | BKN037<br>BKN045<br>OVC049 | 50 | 46 | 87 | 29.57 | 1002.2 | 0.01 |  |      |      |
| 14 | 2:56  | Calm   | 9.00  | Light Rain                 | FEW027<br>BKN043<br>OVC050 | 49 | 46 | 89 | 29.55 | 1001.7 | 0.03 |  |      |      |
| 14 | 1:56  | Vrbl 4 | 10.00 | Light Rain                 | BKN035<br>BKN042<br>OVC050 | 49 | 46 | 89 | 29.52 | 1000.6 | 0.06 |  |      |      |
| 14 | 0:56  | Vrbl 3 | 3.00  | Rain<br>Fog and Mist       | SCT026<br>BKN038<br>OVC047 | 48 | 45 | 89 | 29.51 | 1000.2 | 0.17 |  |      |      |
| 13 | 23:56 | Vrbl 3 | 6.00  | Light Rain<br>Fog and Mist | FEW024<br>BKN042<br>OVC050 | 48 | 45 | 89 | 29.47 | 998.9  | 0.06 |  |      |      |
| 13 | 22:56 | Calm   | 10.00 | Light Rain                 | FEW031<br>BKN038<br>OVC049 | 49 | 46 | 89 | 29.45 | 998.2  | 0.01 |  |      |      |
| 13 | 21:56 | E 5    | 10.00 | Mostly Cloudy              | FEW027<br>SCT040<br>BKN050 | 48 | 44 | 86 | 29.42 | 997.3  | T    |  |      |      |
| 13 | 20:56 | E 5    | 10.00 | Light Rain                 | FEW027<br>OVC037           | 48 | 44 | 86 | 29.41 | 997.0  | T    |  |      |      |
| 13 | 19:56 | Calm   | 10.00 | Mostly Cloudy              | BKN043<br>BKN055           | 47 | 44 | 89 | 29.38 | 996.1  | T    |  |      |      |
| 13 | 18:56 | Vrbl 4 | 10.00 | Light Rain                 | FEW037<br>BKN045<br>OVC070 | 48 | 45 | 89 | 29.36 | 995.2  | 0.01 |  |      |      |
| 13 | 17:56 | Calm   | 8.00  | Light Rain                 | FEW029<br>BKN040<br>OVC048 | 48 | 45 | 89 | 29.33 | 994.1  | 0.13 |  |      |      |
| 13 | 17:34 | Calm   | 10.00 | Light Rain                 | SCT029<br>BKN043           | 48 | 45 | 87 | 29.31 |        | 0.13 |  |      |      |
| 13 | 17:21 | Vrbl 4 | 6.00  | Light Rain<br>Fog and Mist | BKN016<br>BKN029<br>BKN045 | 48 | 45 | 87 | 29.30 |        | 0.12 |  |      |      |
| 13 | 17:11 | Calm   | 2.00  | Rain<br>Fog and Mist       | BKN014<br>BKN024<br>OVC030 | 46 | 45 | 93 | 29.31 |        | 0.11 |  |      |      |
| 13 | 16:56 | Vrbl 4 | 1.00  | Heavy Rain<br>Fog and Mist | BKN012<br>BKN027<br>OVC038 | 47 | 45 | 92 | 29.30 | 993.3  | 0.27 |  |      |      |

|    |       |        |      |                            |                            |    |    |    |       |       |      |  |  |  |
|----|-------|--------|------|----------------------------|----------------------------|----|----|----|-------|-------|------|--|--|--|
| 13 | 16:43 | Calm   | 1.25 | Heavy Rain<br>Fog and Mist | SCT018<br>BKN026<br>OVC042 | 48 | 45 | 87 | 29.30 |       | 0.16 |  |  |  |
| 13 | 16:38 | Calm   | 1.75 | Heavy Rain<br>Fog and Mist | SCT020<br>BKN030<br>OVC038 | 48 | 46 | 93 | 29.29 |       | 0.13 |  |  |  |
| 13 | 15:56 | Vrbl 3 | 2.50 | Rain<br>Fog and Mist       | FEW016<br>BKN022<br>OVC032 | 47 | 45 | 92 | 29.26 | 991.9 | 0.21 |  |  |  |
| 13 | 15:29 | Vrbl 5 | 2.00 | Rain<br>Fog and Mist       | BKN018<br>BKN027<br>OVC031 | 48 | 45 | 87 | 29.28 |       | 0.11 |  |  |  |
| 13 | 15:19 | Vrbl 6 | 1.75 | Heavy Rain<br>Fog and Mist | BKN020<br>OVC026           | 48 | 45 | 87 | 29.28 |       | 0.08 |  |  |  |
| 13 | 14:56 | Vrbl 4 | 2.00 | Rain<br>Fog and Mist       | FEW010<br>BKN020<br>OVC030 | 47 | 45 | 92 | 29.29 | 993.0 | 0.23 |  |  |  |
| 13 | 13:56 | Vrbl 3 | 2.00 | Heavy Rain<br>Fog and Mist | FEW011<br>BKN019<br>OVC030 | 47 | 44 | 89 | 29.32 | 994.1 | 0.16 |  |  |  |
| 13 | 13:21 | Vrbl 3 | 2.00 | Rain<br>Fog and Mist       | FEW007<br>OVC019           | 46 | 45 | 93 | 29.36 |       | 0.05 |  |  |  |
| 13 | 12:56 | Vrbl 3 | 2.00 | Rain<br>Fog and Mist       | BKN019<br>OVC024           | 47 | 44 | 89 | 29.35 | 995.1 | 0.18 |  |  |  |
| 13 | 12:34 | Vrbl 4 | 2.00 | Rain<br>Fog and Mist       | BKN017<br>OVC022           | 46 | 45 | 93 | 29.36 |       | 0.12 |  |  |  |
| 13 | 12:25 | Vrbl 4 | 1.75 | Rain<br>Fog and Mist       | FEW013<br>BKN019<br>OVC024 | 46 | 43 | 87 | 29.36 |       | 0.09 |  |  |  |
| 13 | 11:56 | Vrbl 4 | 2.00 | Rain<br>Fog and Mist       | FEW009<br>BKN019<br>OVC024 | 46 | 44 | 92 | 29.37 | 995.7 | 0.21 |  |  |  |
| 13 | 11:40 | Vrbl 3 | 2.00 | Rain<br>Fog and Mist       | FEW010<br>BKN017<br>OVC029 | 46 | 43 | 87 | 29.38 |       | 0.16 |  |  |  |
| 13 | 11:29 | Vrbl 4 | 1.75 | Rain<br>Fog and Mist       | BKN019<br>BKN026<br>OVC037 | 45 | 43 | 93 | 29.38 |       | 0.13 |  |  |  |
| 13 | 11:18 | Vrbl 4 | 2.00 | Rain<br>Fog and Mist       | BKN017<br>BKN026<br>OVC038 | 45 | 43 | 93 | 29.39 |       | 0.08 |  |  |  |
| 13 | 11:03 | Vrbl 5 | 1.75 | Heavy Rain<br>Fog and Mist | BKN019<br>BKN026<br>OVC034 | 45 | 43 | 93 | 29.39 |       | 0.03 |  |  |  |
| 13 | 10:56 | Vrbl 4 | 2.00 | Heavy Rain<br>Fog and Mist | BKN019<br>BKN026<br>OVC034 | 45 | 43 | 92 | 29.39 | 996.5 | 0.22 |  |  |  |

|    |       |        |      |                            |                            |    |    |     |       |       |      |  |  |  |
|----|-------|--------|------|----------------------------|----------------------------|----|----|-----|-------|-------|------|--|--|--|
| 13 | 10:19 | Vrbl 4 | 2.00 | Heavy Rain<br>Fog and Mist | BKN016<br>OVC023           | 45 | 43 | 93  | 29.40 |       | 0.08 |  |  |  |
| 13 | 10:03 | Calm   | 1.75 | Heavy Rain<br>Fog and Mist | FEW016<br>BKN021<br>OVC027 | 45 | 43 | 93  | 29.40 |       | 0.02 |  |  |  |
| 13 | 9:56  | Calm   | 2.00 | Rain<br>Fog and Mist       | SCT018<br>BKN023<br>OVC028 | 44 | 42 | 92  | 29.40 | 997.1 | 0.23 |  |  |  |
| 13 | 9:32  | Calm   | 2.00 | Rain<br>Fog and Mist       | SCT018<br>BKN023<br>OVC029 | 45 | 41 | 87  | 29.41 |       | 0.15 |  |  |  |
| 13 | 9:14  | Calm   | 1.75 | Heavy Rain<br>Fog and Mist | FEW014<br>BKN021<br>OVC031 | 43 | 41 | 93  | 29.43 |       | 0.08 |  |  |  |
| 13 | 8:56  | Vrbl 4 | 2.50 | Rain<br>Fog and Mist       | FEW013<br>BKN020<br>OVC030 | 43 | 41 | 92  | 29.43 | 998.2 | 0.23 |  |  |  |
| 13 | 8:27  | Vrbl 3 | 2.50 | Rain<br>Fog and Mist       | BKN021<br>BKN025<br>OVC030 | 43 | 41 | 93  | 29.43 |       | 0.14 |  |  |  |
| 13 | 8:20  | Vrbl 4 | 3.00 | Rain<br>Fog and Mist       | BKN019<br>BKN025<br>OVC030 | 43 | 41 | 93  | 29.44 |       | 0.11 |  |  |  |
| 13 | 8:06  | Vrbl 4 | 2.50 | Heavy Rain<br>Fog and Mist | BKN021<br>OVC030           | 43 | 41 | 93  | 29.44 |       | 0.05 |  |  |  |
| 13 | 7:56  | Vrbl 4 | 3.00 | Heavy Rain<br>Fog and Mist | BKN019<br>BKN025<br>OVC030 | 43 | 40 | 88  | 29.44 | 998.4 | 0.26 |  |  |  |
| 13 | 7:46  | Vrbl 4 | 2.50 | Heavy Rain<br>Fog and Mist | BKN019<br>OVC027           | 43 | 41 | 93  | 29.44 |       | 0.21 |  |  |  |
| 13 | 7:38  | Vrbl 4 | 3.00 | Heavy Rain<br>Fog and Mist | BKN019<br>OVC027           | 43 | 39 | 86  | 29.44 |       | 0.17 |  |  |  |
| 13 | 7:30  | Vrbl 4 | 2.50 | Heavy Rain<br>Fog and Mist | BKN019<br>OVC025           | 43 | 39 | 86  | 29.44 |       | 0.14 |  |  |  |
| 13 | 6:56  | SE 8   | 4.00 | Rain<br>Fog and Mist       | FEW013<br>BKN023<br>OVC029 | 43 | 41 | 92  | 29.46 | 999.0 | 0.23 |  |  |  |
| 13 | 6:21  | Vrbl 3 | 3.00 | Rain<br>Fog and Mist       | SCT007<br>BKN019<br>OVC025 | 43 | 43 | 100 | 29.46 |       | 0.11 |  |  |  |
| 13 | 6:05  | Calm   | 2.00 | Heavy Rain<br>Fog and Mist | FEW005<br>BKN017<br>OVC024 | 43 | 43 | 100 | 29.46 |       | 0.04 |  |  |  |
| 13 | 5:56  | Vrbl 3 | 3.00 | Heavy Rain<br>Fog and Mist | FEW007<br>BKN019<br>OVC024 | 43 | 41 | 92  | 29.46 | 998.9 | 0.15 |  |  |  |

|    |       |        |      |                            |                            |    |    |    |       |        |      |  |  |      |
|----|-------|--------|------|----------------------------|----------------------------|----|----|----|-------|--------|------|--|--|------|
| 13 | 5:19  | Vrbl 5 | 4.00 | Rain<br>Fog and Mist       | FEW007<br>BKN019<br>OVC025 | 45 | 43 | 93 | 29.47 |        | 0.04 |  |  |      |
| 13 | 5:08  | Calm   | 4.00 | Rain<br>Fog and Mist       | SCT008<br>BKN013<br>OVC029 | 45 | 43 | 93 | 29.48 |        | 0.02 |  |  |      |
| 13 | 4:56  | Vrbl 3 | 4.00 | Light Rain<br>Fog and Mist | FEW008<br>BKN018<br>OVC029 | 44 | 42 | 92 | 29.48 | 999.4  | 0.12 |  |  | 0.63 |
| 13 | 4:46  | Vrbl 4 | 4.00 | Rain<br>Fog and Mist       | FEW008<br>BKN015<br>OVC019 | 45 | 43 | 93 | 29.48 |        | 0.11 |  |  |      |
| 13 | 4:35  | Vrbl 3 | 5.00 | Rain<br>Fog and Mist       | FEW011<br>BKN017<br>OVC024 | 45 | 43 | 93 | 29.48 |        | 0.09 |  |  |      |
| 13 | 4:16  | Calm   | 5.00 | Rain<br>Fog and Mist       | BKN014<br>BKN020<br>OVC027 | 45 | 43 | 93 | 29.50 |        | 0.05 |  |  |      |
| 13 | 3:56  | Calm   | 4.00 | Rain<br>Fog and Mist       | BKN017<br>OVC023           | 44 | 42 | 92 | 29.51 | 1000.5 | 0.13 |  |  |      |
| 13 | 2:56  | Vrbl 4 | 4.00 | Rain<br>Fog and Mist       | FEW013<br>BKN022<br>OVC036 | 44 | 42 | 92 | 29.55 | 1001.5 | 0.10 |  |  |      |
| 13 | 1:56  | Vrbl 6 | 6.00 | Light Rain<br>Fog and Mist | SCT016<br>BKN022<br>OVC044 | 45 | 42 | 89 | 29.54 | 1001.3 | 0.06 |  |  |      |
| 13 | 0:56  | Vrbl 4 | 6.00 | Light Rain<br>Fog and Mist | OVC021                     | 44 | 41 | 88 | 29.57 | 1002.2 | 0.08 |  |  |      |
| 13 | 0:03  | Vrbl 3 | 4.00 | Light Rain<br>Fog and Mist | FEW009<br>BKN018<br>OVC033 | 45 | 41 | 87 | 29.61 |        | 0.01 |  |  |      |
| 12 | 23:56 | Vrbl 4 | 5.00 | Light Rain<br>Fog and Mist | SCT018<br>BKN030<br>OVC039 | 44 | 41 | 88 | 29.61 | 1003.7 | 0.03 |  |  |      |
| 12 | 22:56 | Vrbl 4 | 4.00 | Light Rain<br>Fog and Mist | FEW004<br>BKN015<br>OVC030 | 44 | 42 | 92 | 29.62 | 1003.9 | 0.03 |  |  |      |
| 12 | 22:31 | Calm   | 3.00 | Light Rain<br>Fog and Mist | SCT004<br>SCT009<br>OVC017 | 45 | 43 | 93 | 29.61 |        | 0.01 |  |  |      |
| 12 | 22:07 | Calm   | 3.00 | Light Rain<br>Fog and Mist | BKN004<br>OVC012           | 45 | 43 | 93 | 29.62 |        | T    |  |  |      |
| 12 | 21:56 | Vrbl 3 | 2.50 | Light Rain<br>Fog and Mist | BKN004<br>BKN010<br>OVC014 | 44 | 42 | 92 | 29.63 | 1004.4 | 0.05 |  |  |      |
| 12 | 21:52 | Calm   | 2.50 | Light Rain<br>Fog and Mist | BKN004<br>BKN010<br>OVC014 | 45 | 43 | 93 | 29.63 |        | 0.04 |  |  |      |

| 12               | 21:21         | Vrbl 3        | 3.00          | Light Rain<br>Fog and Mist | FEW004<br>BKN014<br>OVC019 | 43          | 43           | 100       | 29.63             |                      | 0.03          |             |             |              |
|------------------|---------------|---------------|---------------|----------------------------|----------------------------|-------------|--------------|-----------|-------------------|----------------------|---------------|-------------|-------------|--------------|
| 12               | 20:56         | Calm          | 2.00          | Light Rain<br>Fog and Mist | FEW004<br>OVC019           | 43          | 42           | 96        | 29.64             | 1005.2               | 0.03          |             |             |              |
| 12               | 20:48         | Calm          | 2.00          | Light Rain<br>Fog and Mist | FEW004<br>OVC021           | 43          | 41           | 93        | 29.64             |                      | 0.03          |             |             |              |
| 12               | 20:21         | Calm          | 2.50          | Light Rain<br>Fog and Mist | BKN015<br>OVC020           | 43          | 41           | 93        | 29.65             |                      | T             |             |             |              |
| 12               | 19:56         | Vrbl 4        | 4.00          | Light Rain<br>Fog and Mist | BKN015<br>BKN022<br>OVC026 | 43          | 41           | 92        | 29.65             | 1005.8               | T             |             |             |              |
| 12               | 18:56         | Vrbl 4        | 6.00          | Fog and Mist               | FEW011<br>BKN022<br>OVC034 | 44          | 40           | 85        | 29.67             | 1006.5               |               |             |             |              |
| 12               | 18:51         | SE 5          | 8.00          | Overcast                   | FEW011<br>BKN022<br>OVC027 | 45          | 39           | 81        | 29.67             |                      |               |             |             |              |
| 12               | 18:27         | Calm          | 8.00          | Overcast                   | FEW009<br>OVC014           | 45          | 39           | 81        | 29.67             |                      |               |             |             |              |
| D<br>a<br>t<br>e | Time<br>(PDT) | Wind<br>(mph) | Visby<br>(mi) | Weather                    | Sky                        | Air<br>(°F) | Dwpt<br>(°F) | RH<br>(%) | Altimeter<br>(in) | Sea<br>Level<br>(mb) | 1 h<br>(in)   | 3 h<br>(in) | 6 h<br>(in) | 24 h<br>(in) |
|                  |               |               |               |                            |                            | Temperature |              |           | Pressure          |                      | Precipitation |             |             |              |

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