

## MONTHLY CLIMATOLOGICAL SUMMARY for DEC. 2012

NAME: Hingham Central Fire Station CITY: Hingham STATE: MA  
 ELEV: 0 ft LAT: 42° 06' 00" N LONG: 70° 30' 00" W

TEMPERATURE (°F), RAIN (in), WIND SPEED (mph)

| DAY   | MEAN<br>TEMP | HIGH | TIME   | LOW  | TIME   | HEAT<br>DEG<br>DAYS | COOL<br>DEG<br>DAYS | RAIN | AVG<br>WIND<br>SPEED | HIGH | TIME   | DOM<br>DIR |
|-------|--------------|------|--------|------|--------|---------------------|---------------------|------|----------------------|------|--------|------------|
| 1     | 33.2         | 35.3 | 7:15a  | 30.6 | 10:45a | 31.8                | 0.0                 | 0.02 | 0.5                  | 9.0  | 10:30a | NNW        |
| 2     | 44.3         | 55.2 | 4:45p  | 34.8 | 12:15a | 20.7                | 0.0                 | 0.03 | 2.8                  | 29.0 | 8:00p  | SW         |
| 3     | 50.0         | 58.7 | 2:00p  | 35.3 | 11:15p | 15.0                | 0.0                 | 0.00 | 3.1                  | 19.0 | 12:15a | WSW        |
| 4     | 45.9         | 56.4 | 12:00m | 31.6 | 6:00a  | 19.1                | 0.0                 | 0.01 | 3.6                  | 28.0 | 9:15p  | SSW        |
| 5     | 51.2         | 59.0 | 1:00a  | 34.9 | 12:00m | 13.8                | 0.0                 | 0.00 | 8.7                  | 32.0 | 1:30a  | WNW        |
| 6     | 32.7         | 41.1 | 2:30p  | 26.1 | 9:30p  | 32.3                | 0.0                 | 0.00 | 3.8                  | 29.0 | 1:30a  | NNW        |
| 7     | 36.7         | 44.9 | 3:00p  | 24.6 | 2:15a  | 28.3                | 0.0                 | 0.03 | 0.3                  | 13.0 | 1:30p  | S          |
| 8     | 44.2         | 46.8 | 12:00m | 42.8 | 3:30p  | 20.8                | 0.0                 | 0.34 | 1.0                  | 14.0 | 10:30a | NNE        |
| 9     | 44.3         | 47.7 | 2:30a  | 39.4 | 5:45p  | 20.7                | 0.0                 | 0.08 | 1.8                  | 16.0 | 10:45a | NNE        |
| 10    | 54.6         | 60.9 | 2:45p  | 42.7 | 12:15a | 10.4                | 0.0                 | 0.76 | 3.9                  | 25.0 | 11:15a | SW         |
| 11    | 45.8         | 57.7 | 12:15a | 35.4 | 12:00m | 19.2                | 0.0                 | 0.00 | 2.9                  | 25.0 | 2:00a  | WNW        |
| 12    | 34.2         | 40.2 | 3:00p  | 28.9 | 11:45p | 30.8                | 0.0                 | 0.00 | 1.5                  | 15.0 | 12:15a | WNW        |
| 13    | 32.8         | 44.8 | 12:45p | 26.0 | 7:30a  | 32.2                | 0.0                 | 0.00 | 0.4                  | 9.0  | 10:45a | E          |
| 14    | 37.8         | 50.4 | 2:15p  | 26.7 | 12:30a | 27.2                | 0.0                 | 0.00 | 2.6                  | 19.0 | 11:30a | SW         |
| 15    | 35.0         | 39.4 | 12:15p | 29.2 | 9:45p  | 30.0                | 0.0                 | 0.00 | 2.0                  | 18.0 | 8:45a  | ESE        |
| 16    | 35.2         | 37.3 | 1:45p  | 33.4 | 12:15a | 22.1                | 0.0                 | 0.02 | 1.2                  | 17.0 | 11:45a | ESE        |
| 17    | ---          | ---  | ---    | ---  | ---    | 0.0                 | 0.0                 | 0.00 | 0.0                  | 0.0  | ---    | ---        |
| 18    | ---          | ---  | ---    | ---  | ---    | 0.0                 | 0.0                 | 0.00 | 0.0                  | 0.0  | ---    | ---        |
| 19    | 42.4         | 44.9 | 2:00p  | 39.1 | 11:45p | 14.1                | 0.0                 | 0.00 | 5.0                  | 27.0 | 5:00p  | NNW        |
| 20    | 38.9         | 41.1 | 12:00p | 36.1 | 7:00a  | 26.1                | 0.0                 | 0.00 | 2.4                  | 17.0 | 1:00a  | NE         |
| 21    | 45.2         | 54.7 | 2:30p  | 37.6 | 1:00a  | 19.8                | 0.0                 | 0.65 | 8.6                  | 46.0 | 11:15a | SE         |
| 22    | 35.4         | 40.2 | 11:15a | 30.4 | 10:30p | 29.6                | 0.0                 | 0.00 | 8.3                  | 32.0 | 12:45p | W          |
| 23    | 34.2         | 39.2 | 11:30a | 28.4 | 7:30a  | 30.8                | 0.0                 | 0.00 | 5.2                  | 25.0 | 12:30a | W          |
| 24    | 34.8         | 43.3 | 2:15p  | 29.8 | 7:30p  | 30.2                | 0.0                 | 0.00 | 2.4                  | 19.0 | 2:00a  | W          |
| 25    | 32.7         | 34.5 | 6:00p  | 29.7 | 12:00m | 32.3                | 0.0                 | 0.00 | 2.1                  | 16.0 | 6:00p  | NNW        |
| 26    | 32.8         | 39.5 | 9:00p  | 25.8 | 5:45a  | 32.2                | 0.0                 | 0.36 | 4.9                  | 38.0 | 10:30p | E          |
| 27    | 40.8         | 50.3 | 11:45a | 31.5 | 9:30p  | 24.2                | 0.0                 | 1.49 | 11.7                 | 44.0 | 4:00a  | ESE        |
| 28    | 32.9         | 37.6 | 2:30p  | 29.2 | 6:15a  | 32.1                | 0.0                 | 0.00 | 6.1                  | 30.0 | 4:45a  | NW         |
| 29    | 32.4         | 38.7 | 7:45p  | 26.9 | 7:15a  | 32.6                | 0.0                 | 0.82 | 3.6                  | 30.0 | 10:00p | ENE        |
| 30    | 28.3         | 30.9 | 12:15a | 23.3 | 11:45p | 36.7                | 0.0                 | 0.00 | 7.9                  | 31.0 | 8:00p  | NW         |
| 31    | 28.3         | 35.0 | 12:00m | 20.0 | 6:15a  | 36.7                | 0.0                 | 0.01 | 5.4                  | 24.0 | 1:45a  | W          |
| ----- |              |      |        |      |        |                     |                     |      |                      |      |        |            |
|       | 38.5         | 60.9 | 10     | 20.0 | 31     | 751.8               | 0.0                 | 4.62 | 3.7                  | 46.0 | 21     | WNW        |

Max >= 90.0: 0

Max <= 32.0: 1

Min <= 32.0: 18

Min <= 0.0: 0

Max Rain: 1.49 ON 12/27/12

Days of Rain: 11 (>.01 in) 6 (>.1 in) 1 (>1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration