

## MONTHLY CLIMATOLOGICAL SUMMARY for APR. 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     | 40.5         | 52.1 | 12:30p | 27.2 | 5:30a  | 24.0                | 0.0                 | 0.03 | 1.8                  | 21.0 | 6:00p  | SW         |
| 2     | 42.8         | 49.3 | 5:15p  | 38.9 | 10:45a | 20.8                | 0.0                 | 0.07 | 4.2                  | 27.0 | 10:45a | NE         |
| 3     | ---          | ---  | ---    | ---  | ---    | 0.0                 | 0.0                 | 0.00 | 0.0                  | 0.0  | ---    | ---        |
| 4     | 53.6         | 62.2 | 3:15p  | 45.2 | 12:00m | 4.3                 | 0.0                 | 0.01 | 2.4                  | 25.0 | 3:45p  | NW         |
| 5     | 44.4         | 49.7 | 5:30p  | 40.5 | 6:45a  | 20.6                | 0.0                 | 0.00 | 5.7                  | 22.0 | 8:30a  | NNW        |
| 6     | 42.5         | 50.1 | 5:30p  | 30.7 | 5:30a  | 22.5                | 0.0                 | 0.00 | 2.9                  | 18.0 | 11:00p | WNW        |
| 7     | 42.9         | 47.7 | 2:15p  | 39.0 | 6:30a  | 22.1                | 0.0                 | 0.00 | 3.0                  | 17.0 | 4:00a  | NNE        |
| 8     | 44.9         | 50.4 | 7:00p  | 39.3 | 6:00a  | 20.1                | 0.0                 | 0.00 | 2.7                  | 20.0 | 11:00a | NW         |
| 9     | 50.4         | 58.6 | 4:15p  | 40.0 | 12:45a | 14.6                | 0.0                 | 0.00 | 8.8                  | 35.0 | 6:00p  | W          |
| 10    | 52.4         | 61.8 | 1:45p  | 42.0 | 5:00a  | 12.6                | 0.0                 | 0.00 | 5.0                  | 28.0 | 1:00p  | W          |
| 11    | 47.2         | 52.3 | 1:30p  | 38.0 | 12:00m | 17.8                | 0.0                 | 0.00 | 3.1                  | 20.0 | 4:15p  | E          |
| 12    | 46.0         | 50.9 | 1:00p  | 38.0 | 12:15a | 19.0                | 0.0                 | 0.00 | 3.1                  | 24.0 | 12:45p | NNW        |
| 13    | 49.9         | 63.3 | 6:00p  | 33.0 | 6:00a  | 15.1                | 0.0                 | 0.00 | 1.5                  | 17.0 | 3:00p  | NW         |
| 14    | 57.6         | 71.1 | 4:15p  | 42.0 | 5:45a  | 8.2                 | 0.8                 | 0.00 | 2.8                  | 22.0 | 6:00p  | W          |
| 15    | 64.7         | 76.0 | 3:15p  | 54.4 | 6:15a  | 3.0                 | 2.7                 | 0.00 | 4.9                  | 22.0 | 3:00p  | SW         |
| 16    | 72.3         | 88.1 | 2:15p  | 60.7 | 6:45a  | 0.8                 | 8.1                 | 0.00 | 5.4                  | 33.0 | 5:15p  | SSW        |
| 17    | 70.0         | 82.6 | 4:00p  | 55.8 | 5:15a  | 2.4                 | 7.4                 | 0.00 | 4.6                  | 20.0 | 12:15a | NW         |
| 18    | 52.8         | 63.3 | 12:15a | 48.7 | 9:15p  | 12.2                | 0.0                 | 0.00 | 3.6                  | 18.0 | 2:45p  | NNE        |
| 19    | 55.6         | 67.6 | 4:45p  | 44.9 | 6:30a  | 9.5                 | 0.1                 | 0.00 | 3.5                  | 22.0 | 5:45p  | SSW        |
| 20    | 59.7         | 74.1 | 1:30p  | 48.1 | 6:00a  | 7.5                 | 2.2                 | 0.00 | 6.4                  | 29.0 | 5:15p  | SW         |
| 21    | 63.2         | 75.8 | 3:15p  | 54.1 | 12:15a | 4.2                 | 2.4                 | 0.00 | 6.2                  | 36.0 | 4:45p  | SW         |
| 22    | 51.0         | 61.9 | 12:15a | 44.2 | 9:45p  | 14.0                | 0.0                 | 1.02 | 7.2                  | 29.0 | 12:00m | ENE        |
| 23    | 56.5         | 63.2 | 1:00p  | 44.5 | 12:15a | 8.5                 | 0.0                 | 1.88 | 7.2                  | 33.0 | 10:15a | SSW        |
| 24    | 50.7         | 55.9 | 2:15p  | 46.1 | 12:00m | 14.3                | 0.0                 | 0.00 | 7.4                  | 34.0 | 12:30p | SSW        |
| 25    | 52.0         | 62.3 | 3:45p  | 43.5 | 5:30a  | 13.0                | 0.0                 | 0.00 | 3.1                  | 24.0 | 4:45p  | W          |
| 26    | 52.0         | 65.1 | 2:45p  | 39.2 | 6:15a  | 13.0                | 0.0                 | 0.00 | 2.4                  | 31.0 | 3:15p  | W          |
| 27    | 51.5         | 56.0 | 1:45p  | 41.0 | 12:00m | 13.5                | 0.0                 | 0.01 | 8.3                  | 33.0 | 12:15p | WNW        |
| 28    | 47.2         | 58.4 | 5:15p  | 37.4 | 6:00a  | 17.8                | 0.0                 | 0.00 | 5.9                  | 25.0 | 3:45a  | WNW        |
| 29    | 50.2         | 58.1 | 5:30p  | 43.2 | 4:15a  | 14.8                | 0.0                 | 0.00 | 4.8                  | 25.0 | 3:45p  | NW         |
| 30    | 49.6         | 56.4 | 3:30p  | 42.4 | 5:45a  | 15.4                | 0.0                 | 0.00 | 3.3                  | 21.0 | 12:00m | SSW        |
| <hr/> |              |      |        |      |        |                     |                     |      |                      |      |        |            |
|       | 52.2         | 88.1 | 16     | 27.2 | 1      | 385.6               | 23.7                | 3.02 | 4.4                  | 36.0 | 21     | SW         |

Max &gt;= 90.0: 0

Max &lt;= 32.0: 0

Min &lt;= 32.0: 2

Min &lt;= 0.0: 0

Max Rain: 1.88 ON 04/23/12

Days of Rain: 4 (&gt;.01 in) 2 (&gt;.1 in) 2 (&gt;1 in)

Heat Base: 65.0 Cool Base: 65.0 Method: Integration