JUN 1996
PITTSBURGH, PA
NWS-CONTRACT MET OBS
AIRSIDE TERMINAL BLDG,ROOM 54056

ISSN # 0270-0522

# LOCAL CLIMATOLOGICAL DATA

## MONTHLY SUMMARY

INQUIRIES/COMMENTS CALL
(704) 271-4800 VOICE
271-4010 TDD/271-4876 FAX

GREATER PITTSBURGH INTL AP

LATITUDE 40° 30'N LONGITUDE 80° 13'W ELEVATION (GROUND) 1137 FEET TIME ZONE EASTERN 94823

| DATE | TEMPERATURE °F MAXIMUM | MINIMUM | AVERAGE | DEPARTURE FROM NORMAL | AVERAGE DEW POINT | DEGREE DAYS BASE 65 °F HEATING | COOLING | WEATHER TYPES 1 FOG 2 HEAVY FOG 3 THUNDERSTORMS 4 ICE PELLETS 5 HAIL 6 GLAZE 7 DUSTSTORM 8 SMOKE, HAZE 9 BLOWING SNOW | SNOW/ICE ON GRD AT 700 (IN.) | PRECIPITATION (INCHES) WATER EQUIVALENT | SNOW ICE PELLETS | AVERAGE STATION PRESSURE (INCHES OF Hg) ELEV. 1225 (FT.MSL) | WIND (M.P.H.) RESULTANT DIR. | RESULTANT SPEED | AVERAGE SPEED | PEAK GUST SPEED | DIR | FASTEST 2-MIN SPEED | DIR | SUNSHINE MINUTES | PERCENT POSSIBLE | SKY COVER TENTHS SUNRISE TO SUNSET | MIDNIGHT TO MIDNIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7A | 7B | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 01 | 82 | 46* | 64 | 0 | 49.6 | 1 | 0 | | 0 | 0.00 | 0.0 | 28.950 | 15 | 2.4 | 2.8 | 14 | S | 7 | 14 | 803 | 90 | 6 | 5 |
| 02 | 78 | 56 | 67 | 2 | 55.9 | 0 | 2 | 1 | 0 | 0.11 | 0.0 | 28.890 | 20 | 6.2 | 7.4 | 21 | SW | 12 | 23 | 179 | 20 | 9 | 8 |
| 03 | 71 | 59 | 65 | 0 | 60.8 | 0 | 0 | 1 | 0 | 0.19 | 0.0 | 28.740 | 17 | 6.4 | 7.5 | 18 | W | 12 | 15 | 156 | 17 | 9 | 9 |
| 04 | 75 | 53 | 64 | -1 | 54.6 | 1 | 0 | 1 3 | 0 | 0.25 | 0.0 | 28.655 | 21 | 6.4 | 8.2 | 25 | W | 18 | 28 | 185 | 21 | 8 | 7 |
| 05 | 74 | 50 | 62* | -4 | 50.1 | 3 | 0 | 1 | 0 | 0.00 | 0.0 | 28.830 | 24 | 5.0 | 5.4 | 17 | W | 12 | 25 | 832 | 93 | 4 | 3 |
| 06 | 82 | 50 | 66 | 0 | 56.0 | 0 | 1 | 1 | 0 | 0.24 | 0.0 | 28.790 | 18 | 5.7 | 7.5 | 35 | W | 18 | 29 | 202 | 23 | 8 | 7 |
| 07 | 81 | 65 | 73 | 7 | 63.5 | 0 | 8 | 1 3 | 0 | 0.50 | 0.0 | 28.640 | 20 | 8.5 | 9.9 | 33 | SW | 21 | 23 | 225 | 25 | 8 | 8 |
| 08 | 86 | 62 | 74 | 8 | 64.5 | 0 | 9 | 1 3 8 | 0 | 0.01 | 0.0 | 28.680 | 11 | 3.6 | 6.4 | 20 | SE | 9 | 11 | 278 | 31 | 8 | 8 |
| 09 | 80 | 67 | 74 | 8 | 64.0 | 0 | 9 | | 0 | T | 0.0 | 28.680 | 13 | 9.7 | 10.4 | 23 | SE | 17 | 12 | 72 | 8 | 10 | 9 |
| 10 | 84 | 64 | 74 | 7 | 63.0 | 0 | 9 | | 0 | 0.10 | 0.0 | 28.700 | 18 | 5.3 | 7.0 | 17 | E | 12 | 22 | 479 | 53 | 5 | 6 |
| 11 | 84 | 62 | 73 | 6 | 61.4 | 0 | 8 | 1 3 8 | 0 | 0.01 | 0.0 | 28.650 | 16 | 2.9 | 7.0 | 38 | W | 30 | 26 | 479 | 53 | 7 | 7 |
| 12 | 80 | 63 | 72 | 4 | 61.2 | 0 | 7 | 1 | 0 | 0.00 | 0.0 | 28.630 | 20 | 7.3 | 8.4 | 18 | S | 15 | 22 | 503 | 56 | 8 | 7 |
| 13 | 82 | 63 | 73 | 5 | 61.4 | 0 | 8 | 1 3 | 0 | 0.20 | 0.0 | 28.680 | 25 | 11.1 | 11.4 | 26 | W | 21 | 26 | 770 | 85 | 6 | 6 |
| 14 | 84 | 64 | 74 | 6 | 64.9 | 0 | 9 | 1 3 | 0 | 0.17 | 0.0 | 28.700 | 26 | 6.6 | 8.0 | 38 | N | 17 | 33 | 442 | 49 | 7 | 7 |
| 15 | 87 | 62 | 75 | 7 | 60.4 | 0 | 10 | 1 8 | 0 | 0.00 | 0.0 | 28.750 | 34 | 3.2 | 5.9 | 17 | NW | 12 | 33 | 768 | 85 | 2 | 2 |
| 16 | 88 | 61 | 75 | 7 | 63.2 | 0 | 10 | 8 | 0 | 0.00 | 0.0 | 28.790 | 16 | 3.7 | 5.6 | 16 | S | 9 | 21 | 415 | 46 | 7 | 6 |
| 17 | 88 | 67 | 78 | 10 | 66.7 | 0 | 13 | 1 8 | 0 | 0.00 | 0.0 | 28.730 | 29 | 2.9 | 6.7 | 17 | W | 15 | 27 | 345 | 38 | 8 | 7 |
| 18 | 88 | 67 | 78 | 10 | 68.5 | 0 | 13 | 1 3 8 | 0 | 2.25 | 0.0 | 28.620 | 13 | 4.2 | 8.8 | 29 | W | 16 | 28 | 119 | 13 | 10 | 10 |
| 19 | 86 | 67 | 77 | 9 | 68.4 | 0 | 12 | 1 3 8 | 0 | 0.56 | 0.0 | 28.590 | 13 | 5.5 | 8.2 | 18 | N | 14 | 03 | 133 | 15 | 9 | 9 |
| 20 | 85 | 68 | 77 | 8 | 68.2 | 0 | 12 | 1 8 | 0 | 0.00 | 0.0 | 28.560 | 32 | 6.0 | 8.0 | 24 | NW | 14 | 32 | 837 | 93 | 6 | 7 |
| 21 | 84 | 66 | 75 | 6 | 64.0 | 0 | 10 | 1 | 0 | 0.00 | 0.0 | 28.650 | 30 | 7.0 | 8.7 | 18 | W | 13 | 29 | 642 | 71 | 5 | 5 |
| 22 | 90 | 69 | 80 | 10 | 66.9 | 0 | 15 | 1 3 8 | 0 | T | 0.0 | 28.550 | 26 | 7.6 | 12.2 | 32 | W | 23 | 30 | 307 | 34 | 7 | 7 |
| 23 | 81 | 63 | 72 | 2 | 58.5 | 0 | 7 | | 0 | 0.00 | 0.0 | 28.690 | 33 | 3.8 | 6.8 | 17 | NW | 13 | 30 | 588 | 65 | 4 | 3 |
| 24 | 86 | 64 | 75 | 5 | 67.0 | 0 | 10 | 1 3 8 | 0 | 3.11 | 0.0 | 28.590 | 18 | 2.2 | 8.5 | 63 | NW | 23 | 32 | 57 | 6 | 10 | 8 |
| 25 | 73 | 61 | 67 | -3 | 58.3 | 0 | 2 | 1 | 0 | 0.00 | 0.0 | 28.740 | 33 | 9.9 | 10.7 | 20 | NW | 15 | 31 | 226 | 25 | 8 | 7 |
| 26 | 78 | 54 | 66 | -4 | 51.1 | 0 | 1 | | 0 | 0.00 | 0.0 | 28.920 | 36 | 6.1 | 6.8 | 17 | N | 10 | 35 | 893 | 99 | 2 | 2 |
| 27 | 81 | 56 | 69 | -1 | 53.0 | 0 | 4 | | 0 | 0.00 | 0.0 | 28.900 | 33 | 3.0 | 5.8 | 15 | SW | 10 | 29 | 902 | 100 | 4 | 3 |
| 28 | 88 | 62 | 75 | 5 | 63.7 | 0 | 10 | | 0 | 0.00 | 0.0 | 28.870 | 26 | 5.0 | 5.8 | 15 | W | 10 | 26 | 559 | 62 | 4 | 4 |
| 29 | 88 | 69 | 79 | 8 | 69.4 | 0 | 14 | 1 8 | 0 | 0.00 | 0.0 | 28.805 | 22 | 8.4 | 8.7 | 18 | SW | 14 | 23 | 180 | 20 | 9 | 8 |
| 30 | 90* | 74 | 82* | 11 | 72.5 | 0 | 17 | 1 8 | 0 | 0.25 | 0.0 | 28.660 | 24 | 11.3 | 11.5 | 23 | SW | 17 | 26 | 414 | 46 | 8 | 7 |

| SUM | SUM | | | | TOTAL | TOTAL | NUMBER OF DAYS | TOTAL | TOTAL | FOR THE MONTH : | | | | | | | | TOTAL | % FOR MONTH | SUM | SUM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2484 | 1854 | | | | 5 | 230 | | 7.95 | 0.0 | 28.720 | 23 | 2.7 | 7.9 | 63 | NW | 30 | 26 | 12990 | | 206 | 192 |
| AVG. | AVG. | AVG. | DEP. | AVG. | DEP. | DEP. | PRECIPITATION | DEP. | | | | | | DATE:24 | | DATE: 11 | | POSS | | AVG | AVG |
| 82.8 | 61.8 | 72.3 | 4.4 | 61.7 | -31 | 107 | ≥ .01 INCH 14 | 4.24 | | | | | | | | | | 27016 | 48 | 6.9 | 6.4 |

| NUMBER OF DAYS | | | | SEASON TO DATE TOTAL | TOTAL | SNOW, ICE PELLETS ≥ 1.0 INCH 0 | GREATEST IN 24 HOURS AND DATES | | | GREATEST DEPTH ON GROUND OF SNOW, ICE PELLETS OR ICE, OR HAIL AND DATE |
|---|---|---|---|---|---|---|---|---|---|---|
| MAXIMUM TEMP | | MINIMUM TEMP | | 6043 | 308 | THUNDERSTORMS 10 | PRECIPITATION | SNOW, ICE PELLETS | | |
| ≥ 90° | ≤ 32° | ≤ 32° | ≤ 0° | DEP. | DEP. | HEAVY FOG 0 | 3.11 | 24 | 0.0 | 0 |
| 2 | 0 | 0 | 0 | 75 | 141 | CLEAR 2 PARTLY CLOUDY 13 CLOUDY 15 | | | | |

* EXTREME FOR THE MONTH - LAST OCCURRENCE IF MORE THAN ONE.
T TRACE AMOUNT.
+ ALSO ON EARLIER DATE(S).
HEAVY FOG: VISIBILITY 1/4 MILE OR LESS.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.

DATA IN COLS 6 AND 12-15 ARE BASED ON 21 OR MORE OBSERVATIONS AT HOURLY INTERVALS. RESULTANT WIND IS THE VECTOR SUM OF WIND SPEEDS AND DIRECTIONS DIVIDED BY THE NUMBER OF OBSERVATIONS.
COLS 16 & 17 : PEAK GUST - HIGHEST INSTANTANEOUS WIND SPEED.
ONE OF TWO WINDS IS GIVEN UNDER COLS 18 & 19 : FASTEST MILE- HIGHEST RECORDED SPEED FOR WHICH A MILE OF WIND PASSES STATION (DIRECTIONIN COMPASS POINTS). FASTEST OBSERVED TWO MINUTE WIND - HIGHEST TWO MINUTE SPEED (DIRECTION IN TENS OF DEGREES).
ERRORS WILL BE CORRECTED IN SUBSEQUENT PUBLICATIONS.

I CERTIFY THAT THIS IS AN OFFICIAL PUBLICATION OF THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, AND IS COMPILED FROM RECORDS ON FILE AT THE NATIONAL CLIMATIC DATA CENTER.

Kenneth D Hadeen
DIRECTOR
NATIONAL CLIMATIC DATA CENTER

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
NATIONAL CLIMATIC DATA CENTER ASHEVILLE, NORTH CAROLINA

JUN 1996
PITTSBURGH, PA