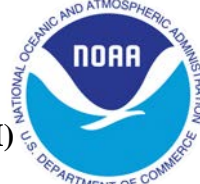




MAY 2015 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

HOUSTON, TX
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)
Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet
Time Zone : CENTRAL WBAN: 12960 ISSN#: 0198-5094



| Date 1 | Temperature °F | | | | | | Deg Days BASE 65° | | WEATHER 10 | SNOW/ICE ON GND(IN) | | PRECIPITATION ON GND(IN) | | PRESSURE (INCHES OF HG) | | WIND SPEED = MPH DIR = TENS OF DEGREES | | | | | | | | Date 24 | |
|------------------------|----------------|--------------|--------------|-------------------------|------------------------|--------------------------|----------------------|--------------|---------------------|--|---------------------|-----------------------------|-------------------|----------------------------|----------------------------|---|------------------------|--------------------------------|-----------|-------------|--------------------|--|----|------------|--|
| | MAXIMUM 2 | MINIMUM 3 | AVERAGE 4 | DEP FROM NORMAL 5 | AVERAGE DEW PT 6 | AVERAGE WET BULB 7 | HEATING 8 | COOLING 9 | | 0600 LST 11 | 1200 LST 12 | 2400 LST 13 | 2400 LST 14 | AVERAGE STATION 15 | AVERAGE SEA LEVEL 16 | RESULTANT SPEED 17 | RES DIR 18 | AVERAGE SPEED 19 | MAXIMUM | | | | | | |
| | | | | | | | | | | | | | | | | | | | 3-SEC | | 2-MIN | | | | |
| | | | | | | | | | DEPTH 11 | WATER- EQUIV 12 | SNOW- FALL 13 | WATER EQUIV 14 | | | SPEED 17 | DIR 18 | AVERAGE SPEED 19 | SPEED 20 | DIR 21 | SPEED 22 | DIR 23 | | | | |
| 01 | 84 | 57 | 71 | -1 | 55 | 61 | 0 | 6 | | 0 | | 0.0 | 0.00 | 29.93 | 30.03 | 1.5 | 29 | 3.1 | 14 | 03 | 9 | 04 | 01 | | |
| 02 | 83 | 57 | 70 | -3 | 56 | 62 | 0 | 5 | | 0 | | 0.0 | 0.00 | 29.93 | 30.04 | 3.0 | 16 | 4.1 | 23 | 14 | 18 | 14 | 02 | | |
| 03 | 83 | 57* | 70* | -3 | 60 | 64 | 0 | 5 | | 0 | | 0.0 | 0.00 | 29.91 | 30.03 | 7.4 | 14 | 7.7 | 26 | 13 | 22 | 15 | 03 | | |
| 04 | 84 | 61 | 73 | 0 | 60 | 65 | 0 | 8 | | 0 | | 0.0 | 0.00 | 29.95 | 30.06 | 7.3 | 13 | 7.5 | 25 | 15 | 21 | 14 | 04 | | |
| 05 | 82 | 63 | 73 | 0 | 68 | 70 | 0 | 8 | RA BR | 0 | | 0.0 | 0.13 | 29.88 | 30.01 | 14.5 | 13 | 14.8 | 39* | 15 | 31 | 13 | 05 | | |
| 06 | 83 | 73 | 78 | 4 | 70 | 72 | 0 | 13 | RA | 0 | | 0.0 | 0.41 | 29.83 | 29.95 | 13.2 | 14 | 13.3 | 29 | 14 | 24 | 14 | 06 | | |
| 07 | 85 | 74 | 80 | 6 | 71 | 74 | 0 | 15 | RA | 0 | | 0.0 | T | 29.80 | 29.92 | 13.0 | 15 | 13.1 | 30 | 15 | 25 | 15 | 07 | | |
| 08 | 85 | 77 | 81 | 7 | 72 | 74 | 0 | 16 | RA | 0 | | 0.0 | T | 29.80 | 29.92 | 11.9 | 15 | 12.2 | 29 | 14 | 23 | 15 | 08 | | |
| 09 | 87 | 76 | 82 | 8 | 72 | 75 | 0 | 17 | RA | 0 | | 0.0 | T | 29.78 | 29.90 | 14.1 | 15 | 14.5 | 36 | 15 | 31* | 15 | 09 | | |
| 10 | 87 | 77 | 82* | 7 | 73 | 75 | 0 | 17 | RA BR | 0 | | 0.0 | 0.03 | 29.78 | 29.88 | 15.2 | 15 | 15.3 | 37 | 15 | 29 | 15 | 10 | | |
| 11 | 80 | 69 | 75 | 0 | 69 | 71 | 0 | 10 | RA | 0 | | 0.0 | 0.28 | 29.91 | 30.00 | 3.8 | 08 | 8.7 | 24 | 07 | 15 | 04 | 11 | | |
| 12 | 79 | 69 | 74 | -1 | 69 | 70 | 0 | 9 | RA BR | 0 | | 0.0 | 0.56 | 29.99 | 30.11 | 6.1 | 06 | 6.7 | 17 | 10 | 15 | 06 | 12 | | |
| 13 | 81 | 68 | 75 | 0 | 69 | 71 | 0 | 10 | TS TSRA RA BR | 0 | | 0.0 | 1.55 | 29.96 | 30.08 | 5.8 | 12 | 7.9 | 26 | 14 | 22 | 14 | 13 | | |
| 14 | 87 | 72 | 80 | 5 | 72 | 74 | 0 | 15 | TS TSRA RA BR | 0 | | 0.0 | 0.05 | 29.93 | 30.05 | 6.2 | 14 | 7.0 | 24 | 13 | 18 | 13 | 14 | | |
| 15 | 84 | 73 | 79 | 3 | 72 | 74 | 0 | 14 | TS TSRA RA | 0 | | 0.0 | 0.15 | 29.83 | 29.96 | 5.8 | 16 | 6.3 | 29 | 14 | 24 | 14 | 15 | | |
| 16 | 89 | 73 | 81 | 5 | 73 | 75 | 0 | 16 | | 0 | | 0.0 | 0.00 | 29.79 | 29.91 | 11.0 | 17 | 11.2 | 30 | 15 | 23 | 16 | 16 | | |
| 17 | 85 | 71 | 78 | 1 | 73 | 74 | 0 | 13 | TS TSRA RA FG+ BR | 0 | | 0.0 | 0.98 | 29.87 | 29.98 | 6.3 | 15 | 7.7 | 25 | 16 | 22 | 07 | 17 | | |
| 18 | 86 | 73 | 80 | 3 | 74 | 75 | 0 | 15 | TS TSRA RA BR | 0 | | 0.0 | 0.24 | 29.96 | 30.06 | 6.1 | 13 | 7.3 | 25 | 08 | 21 | 09 | 18 | | |
| 19 | 86 | 73 | 80 | 3 | 73 | 75 | 0 | 15 | TS RA BR | 0 | | 0.0 | 0.02 | 29.88 | 30.01 | 7.0 | 12 | 8.8 | 23 | 14 | 20 | 15 | 19 | | |
| 20 | 89 | 73 | 81 | 4 | 73 | 75 | 0 | 16 | TS TSRA RA BR | 0 | | 0.0 | 0.31 | 29.85 | 29.96 | 3.6 | 16 | 4.8 | 28 | 02 | 21 | 02 | 20 | | |
| 21 | 82 | 71 | 77 | 0 | 71 | 72 | 0 | 12 | TS TSRA RA BR | 0 | | 0.0 | 1.08 | 29.93 | 30.04 | 3.7 | 05 | 5.3 | 30 | 34 | 24 | 33 | 21 | | |
| 22 | 79 | 65 | 72 | -5 | 67 | 69 | 0 | 7 | BR | 0 | | 0.0 | 0.00 | 29.99 | 30.11 | 9.3 | 09 | 10.2 | 21 | 12 | 15 | 10 | 22 | | |
| 23 | 85 | 73 | 79 | 2 | 73 | 74 | 0 | 14 | TS RA BR | 0 | | 0.0 | 0.72 | 29.93 | 30.06 | 8.5 | 13 | 9.1 | 28 | 14 | 21 | 15 | 23 | | |
| 24 | 81 | 69 | 75 | -2 | 70 | 72 | 0 | 10 | TS TSRA RA BR | 0 | | 0.0 | 0.56 | 29.81 | 29.93 | 9.1 | 16 | 9.3 | 38 | 19 | 25 | 19 | 24 | | |
| 25 | 88 | 66 | 77 | -1 | 70 | 72 | 0 | 12 | TS TSRA RA FG BR SQ | 0 | | 0.0 | 4.34 | 29.80 | 29.92 | 8.5 | 16 | 11.4 | 35 | 14 | 26 | 35 | 25 | | |
| 26 | 85 | 66 | 76 | -2 | 70 | 72 | 0 | 11 | TS TSRA RA | 0 | | 0.0 | 0.77 | 29.89 | 30.00 | 10.3 | 15 | 11.2 | 31 | 15 | 24 | 15 | 26 | | |
| 27 | 86 | 65 | 76 | -2 | 70 | 72 | 0 | 11 | TS TSRA RA BR | 0 | | 0.0 | 1.41 | 29.95 | 30.06 | 4.3 | 14 | 6.7 | 37 | 04 | 29 | 04 | 27 | | |
| 28 | 90 | 70 | 80 | 2 | 73 | 75 | 0 | 15 | | 0 | | 0.0 | 0.00 | 29.90 | 30.02 | 7.2 | 14 | 7.6 | 24 | 14 | 20 | 14 | 28 | | |
| 29 | 89 | 70 | 80 | 2 | 69 | 73 | 0 | 15 | TS RA BR | 0 | | 0.0 | 0.01 | 29.85 | 29.96 | 5.4 | 17 | 6.6 | 23 | 26 | 16 | 13 | 29 | | |
| 30 | 91* | 69 | 80 | 1 | 71 | 72 | 0 | 15 | TS TSRA RA MIFG BR | 0 | | 0.0 | 0.57 | 29.90 | 30.00 | 1.7 | 16 | 5.8 | 26 | 24 | 21 | 01 | 30 | | |
| 31 | 87 | 69 | 78 | -1 | 66 | 70 | 0 | 13 | | 0 | | 0.0 | 0.00 | 29.91 | 30.02 | 3.6 | 35 | 4.8 | 16 | 36 | 13 | 35 | 31 | | |
| | | | | | | | | | | < MONTHLY AVERAGES TOTALS > | | | | 0.0 | 14.17 | 29.88 | 30.00 | 6.6 | 14 | 8.7 | < MONTHLY AVERAGES | | | | |
| | | | | | | | | | | -1.4 1.4 0.1 | | | | DEPARTURE FROM NORMAL | | | | 9.08 | | | | SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3 | | | |
| DEGREE DAYS | | | | | | | | | | GREATEST 24-HR PRECIPITATION : 5.11 DATE : 25-26 | | | | SEA LEVEL PRESSURE | | | | DATE TIME | | | | | | | |
| MONTHLY | | | | | | | | | | GREATEST 24-HR SNOWFALL : 0.0 DATE : | | | | MAXIMUM : 30.18 | | | | 12 1138 | | | | | | | |
| SEASON TO DATE | | | | | | | | | | GREATEST SNOW DEPTH : 0 DATE : | | | | MINIMUM : 29.83 | | | | 25 1653 | | | | | | | |
| TOTAL DEPARTURE | | | | | | | | | | NUMBER OF -> DAYS WITH | | | | MAXIMUM TEMP >= 90 : 2 | | | | PRECIPITATION >= 0.01 INCH: 20 | | | | | | | |
| HEATING : 0 -1 1462 95 | | | | | | | | | | MAXIMUM TEMP <= 32 : 0 | | | | MINIMUM TEMP <= 0 : 0 | | | | PRECIPITATION >= 0.10 INCH: 16 | | | | | | | |
| COOLING : 378 7 692 40 | | | | | | | | | | THUNDERSTORMS : 15 | | | | HEAVY FOG : 1 | | | | SNOWFALL >= 1.0 INCH : 0 | | | | | | | |

MAY 2015
HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
MAY 2015

WBAN # 12960

| Date | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | Date | FOR HOUR (LST) ENDING AT | | | | | | | | | | | | Date | Sum of Hourly Data | 2400 LST Water Equiv. | | |
|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------------------|-----------------------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | | | | | |
| 01 | | | | | | | | | | | | | 01 | | | | | | | | | | | | 01 | 0.00 | 0.00 | | | |
| 02 | | | | | | | | | | | | | 02 | | | | | | | | | | | | 02 | 0.00 | 0.00 | | | |
| 03 | | | | | | | | | | | | | 03 | | | | | | | | | | | | 03 | 0.00 | 0.00 | | | |
| 04 | | | | | | | | | | | | | 04 | | | | | | | | | | | | 04 | 0.00 | 0.00 | | | |
| 05 | | | | | | | | 0.06 | | T | 0.07 | | 05 | | | T | T | T | | | | | T | 05 | 0.13 | 0.13 | | | | |
| 06 | | | | | | T | T | | | | | T | 06 | 0.12 | T | T | | | | | | | | 06 | 0.41 | 0.41 | | | | |
| 07 | | | | | | | | | | | | T | 07 | | | | | | | T | | | | 07 | T | T | | | | |
| 08 | | | | | | | | | | | | T | 08 | T | | | | | | | | | | 08 | T | T | | | | |
| 09 | | | | | | | | | | | | | 09 | | | | | | | | | | T | 09 | T | T | | | | |
| 10 | T | | | | | | | | | | | | 10 | | | | T | 0.02 | 0.01 | T | | | T | 10 | 0.03 | 0.03 | | | | |
| 11 | T | | | | | | | | | | | | 11 | 0.01 | 0.01 | T | T | | | | | | | 11 | 0.28 | 0.28 | | | | |
| 12 | 0.14 | 0.13 | 0.07 | 0.02 | 0.01 | T | T | T | | T | 0.05 | 0.11 | 12 | T | T | T | 0.02 | | | | | | 0.01 | 0.09 | 12 | 0.56 | 0.56 | | | |
| 13 | 0.39 | 0.70 | 0.34 | T | | | | | | | 0.01 | 0.03 | 13 | T | T | | | | T | T | | | 0.13 | 13 | 1.55 | 1.55 | | | | |
| 14 | | | | | | | | | | | | | 14 | | | T | 0.03 | 0.02 | T | 0.03 | | | | 14 | 0.05 | 0.05 | | | | |
| 15 | | | | | | | | | | | T | | 15 | 0.12 | T | T | 0.01 | 0.02 | T | T | | | | 15 | 0.15 | 0.15 | | | | |
| 16 | | | | | | | | | | | | | 16 | | | | | | | | | | | 16 | 0.00 | 0.00 | | | | |
| 17 | | | | | | | | | | | | | 17 | 0.16 | 0.79 | 0.03 | | | | | | | | 17 | 0.98 | 0.98 | | | | |
| 18 | | | | | | | 0.03 | 0.08 | 0.08 | 0.05 | T | T | 18 | | | | | | | | | | | 18 | 0.24 | 0.24 | | | | |
| 19 | | | | | | | | | | | | | 19 | 0.02 | | | | | | | | | | 19 | 0.02 | 0.02 | | | | |
| 20 | | | | | | | | | | | | | 20 | 0.23 | T | 0.08 | | | | | | | | 20 | 0.31 | 0.31 | | | | |
| 21 | | | | | | | | | | | 0.66 | 0.42 | 21 | | | | | | | | | | | 21 | 1.08 | 1.08 | | | | |
| 22 | | | | | | | | | | | | | 22 | | | | | | | | | | | 22 | 0.00 | 0.00 | | | | |
| 23 | | | | | | | | | | | | | 23 | 0.12 | 0.43 | 0.09 | 0.08 | | | | | | | 23 | 0.72 | 0.72 | | | | |
| 24 | | | | | | T | 0.55 | 0.01 | | | | | 24 | | | | | | | | | | | 24 | 0.56 | 0.56 | | | | |
| 25 | | | | | | | | | | | | | 25 | | | | | | | | | | 0.05 | 2.20 | 1.64 | 0.31 | 0.14 | 25 | 4.34 | 4.34 |
| 26 | 0.67 | 0.10 | T | T | T | T | | | | | | | 26 | | T | | | | | | | | | 26 | 0.77 | 0.77 | | | | |
| 27 | | | | | 0.28 | 0.57 | 0.09 | 0.44 | 0.02 | 0.01 | | | 27 | | | | | | | | | | | 27 | 1.41 | 1.41 | | | | |
| 28 | | | | | | | | | | | | | 28 | | | | | | | | | | | 28 | 0.00 | 0.00 | | | | |
| 29 | | | | | T | 0.01 | T | T | | | | | 29 | | | | | | | | | | | 29 | 0.01 | 0.01 | | | | |
| 30 | | | | | | | | | | | | | 30 | | | | | | | | | | | 30 | 0.57 | 0.57 | | | | |
| 31 | | | | | | | | | | | | | 31 | | 0.01 | 0.35 | 0.01 | T | 0.04 | 0.04 | 0.09 | 0.03 | T | T | 31 | 0.00 | 0.00 | | | |

* Indicates sum of Hourly and Daily disagree.

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

| Time Period (Minutes) | 5 | 10 | 15 | 20 | 30 | 45 | 60 | 80 | 100 | 120 | 150 | 180 |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Precipitation (Inches) | 0.48 | 0.59 | 0.85 | 1.09 | 1.48 | 1.92 | 2.57 | 3.18 | 3.73 | 3.85 | 4.14 | 4.19 |
| Ending Date | 26 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Ending Time (Hr/Min) | 1449 | 2114 | 2114 | 2114 | 2115 | 2110 | 2115 | 2121 | 2138 | 2158 | 2225 | 2255 |

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

WEATHER NOTATIONS

| QUALIFIER | WEATHER PHENOMENA | | |
|--------------------|-----------------------------------|--------------------|------------------------------------|
| DESCRIPTOR | PRECIPITATION | OBSCURATION | OTHER |
| BC Patches | DZ Drizzle | BR Mist | DS Duststorm |
| BL Blowing | GR Hail | DU Widespread Dust | FC Funnel Cloud |
| DR Low Drifting | GS Small Hail and/or Snow Pellets | FG Fog | +FC Tornado Waterspout |
| FZ Freezing | IC Ice Crystals | FU Smoke | PO Well-Developed Dust/Sand Whirls |
| MI Shallow | PL Ice Pellets | HZ Haze | |
| PR Partial | RA Rain | PY Spray | SQ Squalls |
| SH Shower(s) | SG Snow Grains | SA Sand | SS Sandstorm |
| TS Thunderstorm | SN Snow | VA Volcanic Ash | |
| VC In the Vicinity | UP Unkown Precipitation | | GL Glaze |

Intensity (as indicated on pages 4 to 6):
'+' = Heavy '' = Moderate '-' = Light

HOUSTON, TX MAY 2015

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

| Date | VISIBILITY (MILES) | |
|-----------------------------------|--------------------|---------|
| | MINIMUM | MAXIMUM |
| 01 | 10.00 | 10.00 |
| 02 | 10.00 | 10.00 |
| 03 | 9.00 | 10.00 |
| 04 | 10.00 | 10.00 |
| 05 | 6.00 | 10.00 |
| 06 | 8.00 | 10.00 |
| 07 | 8.00 | 10.00 |
| 08 | 8.00 | 10.00 |
| 09 | 7.00 | 10.00 |
| 10 | 5.00 | 10.00 |
| 11 | 6.00 | 10.00 |
| 12 | 0.50 | 10.00 |
| 13 | 2.50 | 10.00 |
| 14 | 2.00 | 10.00 |
| 15 | 7.00 | 10.00 |
| 16 | 7.00 | 10.00 |
| 17 | 3.00 | 10.00 |
| 18 | 3.00 | 10.00 |
| 19 | 0.50 | 10.00 |
| 20 | 5.00 | 10.00 |
| 21 | 1.00 | 10.00 |
| 22 | 3.00 | 10.00 |
| 23 | 1.00 | 10.00 |
| 24 | 6.00 | 10.00 |
| 25 | 1.00 | 10.00 |
| 26 | 7.00 | 10.00 |
| 27 | 3.00 | 10.00 |
| 28 | 9.00 | 10.00 |
| 29 | 4.00 | 10.00 |
| 30 | 7.00 | 10.00 |
| 31 | 10.00 | 10.00 |
| AVGS | 5.47 | 10.00 |
| MINIMUM VISIBILITY (MILES) | | |
| <= .25 | <= 3.0 | >= 7.0 |
| 0 | 11 | 14 |

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2015

KIAH

WBAN # 12960

Table with columns for Hour (LST), Sky Cover, Ceiling (100's of ft.), Visibility (Miles), Weather, Temperature (F: Dry Bulb, Dew Point, Wet Bulb), Relative Humidity (pct), Wind (Speed, Direction), Pressure (Inches, Hg: Station, Sea Level), and corresponding data for two stations (KIAH and WBAN # 12960) across dates May 01 to May 12.

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX MAY 2015

KIAH

WBAN # 12960

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | VISIBILITY (MILES) | WEATHER | TEMPERATURE °F | | | | | WIND | | PRESSURE (INCHES, HG) | | HOUR (LST) | SKY COVER | CEILING 100's of FT. | VISIBILITY (MILES) | WEATHER | TEMPERATURE °F | | | | | WIND | | PRESSURE (INCHES, HG) | | | | | | | | | | | | | |
|------------|-----------|-------------------------|-----------------------|----------------------|-------------------|-----------|----------|----------------------------|-------------|--------------------------|---------|--------------------------|----------|------------|-----------|-------------------------|-----------------------|---------------|-------------------|----------|----------------------------|-------------|--------------------------|---------|--------------|--------------------------|----|-----|-----|-------|----|----|----|----|----|----|----|-------|-------|
| | | | | | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL | DRY BULB | | | | | | DEW POINT | WET BULB | RELATIVE HUMIDITY (PCT) | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUNRISE: 0530 | MAY 13 | | | | | SUNSET: 1906 | | | | | | | SUNRISE: 0526 | MAY 19 | | | | | | | | | | | | | | | | | | | | | |
| 03 | OVC | 047 | 2.50 | RA BR | | 68 | 67 | 67 | 96 | 8 | 11 | 29.98 | 30.10 | 03 | OVC | 020 | 10.00 | | 73 | 72 | 72 | 96 | 6 | 05 | 29.93 | 30.03 | 06 | BKN | 090 | 10.00 | | 74 | 72 | 73 | 94 | 7 | 05 | 29.96 | 30.06 |
| 09 | OVC | 026 | 7.00 | | | 75 | 73 | 74 | 94 | 14 | 11 | 29.98 | 30.09 | 09 | OVC | 007 | 5.00 | BR | 77 | 73 | 74 | 88 | 8 | 08 | 29.96 | 30.07 | 12 | BKN | 040 | 10.00 | | 85 | 73 | 77 | 68 | 17 | 12 | 29.93 | 30.04 |
| 12 | OVC | 250 | 10.00 | | | 79 | 71 | 74 | 77 | 11 | 17 | 29.97 | 30.08 | 12 | BKN | 040 | 10.00 | | 83 | 75 | 77 | 77 | 14 | 13 | 29.87 | 29.98 | 15 | BKN | 250 | 10.00 | | 83 | 75 | 77 | 77 | 14 | 13 | 29.87 | 29.98 |
| 15 | OVC | 110 | 10.00 | | | 80 | 70 | 73 | 71 | 7 | 18 | 29.96 | 30.07 | 15 | BKN | 250 | 10.00 | | 83 | 71 | 75 | 67 | 14 | 16 | 29.83 | 29.94 | 18 | SCT | 250 | 10.00 | | 77 | 72 | 74 | 85 | 6 | 17 | 29.86 | 29.97 |
| 18 | OVC | 110 | 10.00 | -RA | | 72 | 68 | 69 | 87 | 3 | 03 | 29.95 | 30.06 | 18 | SCT | 250 | 10.00 | | 77 | 72 | 74 | 85 | 6 | 17 | 29.86 | 29.97 | 21 | BKN | 120 | 10.00 | | 75 | 72 | 73 | 90 | 3 | 18 | 29.85 | 29.96 |
| 21 | BKN | 120 | 10.00 | | | 70 | 68 | 69 | 93 | 7 | 09 | 29.97 | 30.08 | 24 | SCT | 250 | 9.00 | | 75 | 72 | 73 | 90 | 3 | 18 | 29.85 | 29.96 | | | | | | | | | | | | | |
| 24 | OVC | 024 | 7.00 | | | 72 | 71 | 71 | 97 | 6 | 11 | 29.95 | 30.06 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUNRISE: 0529 | MAY 14 | | | | | SUNSET: 1906 | | | | | | | SUNRISE: 0526 | MAY 20 | | | | | | | | | | | | | | | | | | | | | |
| 03 | BKN | 150 | 6.00 | BR | | 73 | 72 | 72 | 96 | 0 | 00 | 29.95 | 30.06 | 03 | BKN | 250 | 8.00 | | 76 | 73 | 74 | 91 | 7 | 17 | 29.79 | 29.90 | 06 | BKN | 250 | 6.00 | BR | 74 | 73 | 73 | 97 | 0 | 00 | 29.85 | 29.96 |
| 06 | BKN | 250 | 6.00 | BR | | 74 | 72 | 73 | 94 | 5 | 16 | 29.96 | 30.06 | 06 | BKN | 250 | 5.00 | | 82 | 75 | 77 | 79 | 5 | 19 | 29.89 | 29.99 | 09 | BKN | 020 | 10.00 | | 87 | 73 | 77 | 63 | 0 | 00 | 29.86 | 29.97 |
| 09 | BKN | 020 | 10.00 | | | 80 | 73 | 75 | 79 | 11 | 15 | 29.98 | 30.09 | 09 | BKN | 250 | 8.00 | TS | 75 | 72 | 73 | 90 | 0 | 00 | 29.86 | 29.96 | 12 | BKN | 250 | 10.00 | | 82 | 75 | 77 | 79 | 10 | 14 | 29.81 | 29.92 |
| 12 | BKN | 250 | 10.00 | | | 84 | 71 | 75 | 65 | 10 | 15 | 29.96 | 30.07 | 12 | OVC | 250 | 10.00 | -RA | 76 | 69 | 71 | 79 | 7 | 21 | 29.93 | 30.04 | 15 | BKN | 033 | 10.00 | | 76 | 74 | 75 | 94 | 6 | 13 | 29.91 | 30.02 |
| 15 | BKN | 033 | 10.00 | | | 76 | 69 | 71 | 79 | 7 | 21 | 29.93 | 30.04 | 18 | BKN | 250 | 10.00 | | 75 | 72 | 73 | 90 | 0 | 00 | 29.86 | 29.96 | 21 | SCT | 120 | 10.00 | | 76 | 74 | 75 | 94 | 6 | 13 | 29.91 | 30.02 |
| 18 | SCT | 120 | 10.00 | | | 76 | 74 | 75 | 94 | 6 | 13 | 29.91 | 30.02 | 21 | BKN | 250 | 10.00 | | 75 | 73 | 74 | 94 | 10 | 15 | 29.89 | 30.00 | 24 | BKN | 200 | 9.00 | | 74 | 73 | 73 | 97 | 7 | 14 | 29.89 | 30.00 |
| 21 | BKN | 200 | 9.00 | | | 75 | 73 | 74 | 94 | 10 | 15 | 29.89 | 30.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | BKN | 250 | 8.00 | | | 74 | 73 | 73 | 97 | 7 | 14 | 29.89 | 30.00 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUNRISE: 0528 | MAY 15 | | | | | SUNSET: 1907 | | | | | | | SUNRISE: 0525 | MAY 21 | | | | | | | | | | | | | | | | | | | | | |
| 03 | BKN | 250 | 10.00 | | | 74 | 72 | 73 | 94 | 7 | 14 | 29.86 | 29.96 | 03 | BKN | 250 | 8.00 | | 73 | 72 | 72 | 96 | 0 | 00 | 29.88 | 29.98 | 06 | BKN | 200 | 8.00 | | 75 | 73 | 74 | 94 | 3 | 16 | 29.88 | 29.98 |
| 06 | OVC | 200 | 8.00 | | | 75 | 73 | 74 | 94 | 3 | 16 | 29.88 | 29.98 | 06 | BKN | 250 | 5.00 | BR | 80 | 74 | 76 | 85 | 8 | 15 | 29.90 | 30.01 | 09 | OVC | 250 | 10.00 | | 83 | 72 | 75 | 70 | 7 | 18 | 29.88 | 29.99 |
| 09 | OVC | 250 | 10.00 | | | 79 | 74 | 76 | 85 | 8 | 15 | 29.90 | 30.01 | 09 | OVC | 160 | 10.00 | -RA | 75 | 72 | 73 | 90 | 3 | 17 | 29.85 | 29.96 | 12 | OVC | 250 | 10.00 | | 75 | 72 | 73 | 90 | 3 | 17 | 29.85 | 29.96 |
| 12 | OVC | 250 | 10.00 | | | 83 | 72 | 75 | 70 | 7 | 18 | 29.88 | 29.99 | 12 | OVC | 100 | 10.00 | | 76 | 73 | 74 | 91 | 8 | 17 | 29.75 | 29.86 | 15 | BKN | 120 | 10.00 | | 74 | 72 | 73 | 94 | 5 | 13 | 29.82 | 29.93 |
| 15 | BKN | 120 | 10.00 | | | 75 | 72 | 73 | 90 | 3 | 17 | 29.85 | 29.96 | 15 | OVC | 035 | 10.00 | | 74 | 72 | 73 | 94 | 5 | 13 | 29.82 | 29.93 | 18 | BKN | 075 | 10.00 | | 75 | 73 | 74 | 94 | 5 | 14 | 29.82 | 29.93 |
| 18 | BKN | 075 | 10.00 | | | 76 | 73 | 74 | 91 | 8 | 17 | 29.75 | 29.86 | 18 | BKN | 140 | 10.00 | | 74 | 72 | 73 | 94 | 5 | 13 | 29.82 | 29.93 | 21 | SCT | 130 | 10.00 | | 74 | 72 | 73 | 94 | 5 | 13 | 29.82 | 29.93 |
| 21 | SCT | 130 | 10.00 | | | 74 | 72 | 73 | 94 | 5 | 13 | 29.82 | 29.93 | 21 | BKN | 200 | 10.00 | | 75 | 73 | 74 | 94 | 5 | 14 | 29.82 | 29.93 | 24 | BKN | 130 | 9.00 | | 75 | 73 | 74 | 94 | 5 | 14 | 29.82 | 29.93 |
| 24 | BKN | 130 | 9.00 | | | 75 | 73 | 74 | 94 | 5 | 14 | 29.82 | 29.93 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUNRISE: 0528 | MAY 16 | | | | | SUNSET: 1908 | | | | | | | SUNRISE: 0525 | MAY 22 | | | | | | | | | | | | | | | | | | | | | |
| 03 | BKN | 130 | 9.00 | | | 75 | 73 | 74 | 94 | 6 | 15 | 29.80 | 29.91 | 03 | OVC | 015 | 10.00 | | 69 | 66 | 67 | 90 | 7 | 08 | 29.98 | 30.09 | 06 | BKN | 130 | 7.00 | | 67 | 64 | 65 | 91 | 13 | 07 | 30.01 | 30.11 |
| 06 | BKN | 130 | 7.00 | | | 74 | 73 | 73 | 97 | 0 | 00 | 29.82 | 29.93 | 06 | OVC | 023 | 10.00 | | 67 | 62 | 64 | 84 | 11 | 07 | 30.03 | 30.14 | 09 | BKN | 110 | 8.00 | | 67 | 62 | 64 | 84 | 11 | 07 | 30.03 | 30.14 |
| 09 | BKN | 110 | 8.00 | | | 82 | 74 | 76 | 77 | 13 | 18 | 29.82 | 29.93 | 09 | OVC | 009 | 7.00 | -RA | 74 | 66 | 69 | 76 | 10 | 12 | 30.03 | 30.14 | 12 | BKN | 120 | 10.00 | | 78 | 69 | 72 | 74 | 10 | 11 | 30.00 | 30.11 |
| 12 | BKN | 120 | 10.00 | | | 86 | 71 | 76 | 61 | 16 | 18 | 29.82 | 29.93 | 12 | OVC | 015 | 10.00 | | 76 | 69 | 71 | 79 | 11 | 10 | 29.98 | 30.09 | 15 | BKN | 110 | 10.00 | | 74 | 70 | 71 | 88 | 10 | 11 | 29.98 | 30.09 |
| 15 | BKN | 110 | 10.00 | | | 86 | 70 | 75 | 59 | 11 | 17 | 29.77 | 29.88 | 15 | BKN | 020 | 10.00 | | 76 | 69 | 71 | 79 | 11 | 10 | 29.98 | 30.09 | 18 | SCT | 035 | 10.00 | | 74 | 70 | 71 | 88 | 10 | 11 | 29.98 | 30.09 |
| 18 | SCT | 035 | 10.00 | | | 85 | 72 | 76 | 65 | 14 | 17 | 29.74 | 29.85 | 18 | BKN | 120 | 10.00 | | 74 | 70 | 71 | 88 | 10 | 11 | 29.98 | 30.09 | 21 | BKN | 039 | 8.00 | | 73 | 72 | 72 | 96 | 8 | 12 | 29.98 | 30.09 |
| 21 | BKN | 039 | 8.00 | | | 80 | 74 | 76 | 82 | 13 | 15 | 29.77 | 29.88 | 21 | BKN | 130 | 10.00 | | 73 | 72 | 72 | 96 | 8 | 12 | 29.98 | 30.09 | 24 | BKN | 025 | 8.00 | | 73 | 72 | 72 | 96 | 8 | 12 | 29.98 | 30.09 |
| 24 | BKN | 025 | 8.00 | | | 80 | 74 | 76 | 82 | 10 | 17 | 29.80 | 29.91 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | SUNRISE: 0527 | MAY 17 | | | | | SUNSET: 1908 | | | | | | | SUNRISE: 0524 | MAY 23 | | | | | | | | | | | | | | | | | | | | | |
| 03 | BKN | 022 | 8.00 | | | 78 | 73 | 75 | 85 | 11 | 16 | 29.79 | 29.89 | 03 | BKN | 250 | 6.00 | BR | 74 | 73 | 73 | 97 | 8 | 11 | 29.98 | 30.09 | 06 | BKN | 100 | 8.00 | | 74 | 73 | 73 | 97 | 6 | 10 | 30.00 | 30.11 |
| 06 | BKN | 100 | 8.00 | | | 78 | 73 | 75 | 85 | 11 | 17 | 29.81 | 29.92 | 06 | BKN | 250 | 1.00 | BR | 81 | 73 | 75 | 77 | 13 | 14 | 30.02 | 30.13 | 09 | BKN | 070 | 8.00 | | 82 | 76 | 78 | 82 | 9 | 09 | 29.98 | 30.10 |
| 09 | BKN | 070 | 8.00 | | | 80 | 73 | 75 | 79 | 8 | 17 | 29.91 | 30.01 | 09 | SCT | 060 | 10.00 | | 80 | 76 | 77 | 87 | 11 | 14 | 29.92 | 30.03 | 12 | BKN | 160 | 9.00 | | 80 | 74 | 76 | 82 | 10 | 13 | 29.84 | 29.95 |
| 12 | BKN | 160 | 9.00 | | | 84 | 73 | 76 | 70 | 6 | 18 | 29.90 | 30.00 | 12 | BKN | 150 | 10.00 | | 77 | 73 | 74 | 88 | 10 | 14 | 29.88 | 29.99 | 15 | SCT | 075 | 10.00 | | 74 | 72 | 73 | 94 | 7 | 12 | 29.89 | 30.00 |
| 15 | SCT | 075 | 10.00 | | | 73 | 70 | 71 | 90 | 14 | 08 | 29.82 | 29.93 | 15 | BKN | 110 | 7.00 | | 79 | 76 | 77 | 90 | 5 | 17 | 29.93 | 30.03 | 18 | SCT | 150 | 10.00 | | 77 | 71 | 73 | 82 | 6 | 11 | 29.87 | 29.98 |
| 18 | SCT | 150 | 10.00 | | | 77 | 71 | 73 | 82 | 6 | 11 | 29.87 | 29.98 | 18 | BKN | 250 | 10.00 | | 74 | 72 | 73 | 94 | 7 | 12 | 29.89 | 30.00 | 21 | BKN | 030 | 10.00 | | 79 | 76 | 77 | 90 | 5 | 17 | 29.93 | 30.03 |
| 21 | BKN | 030 | 10.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
MAY 2015

KIAH

WBAN # 12960

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | VISIBILITY (MILES) | WEATHER | TEMPERATURE °F | | | RELATIVE HUMIDITY (PCT) | WIND | | PRESSURE (INCHES, HG) | | |
|----------------------|-----------|-------------------------|-----------------------|---------|-------------------|-----------|----------|----------------------------|-------------|--------------------------|--------------------------|--------------|--|
| | | | | | DRY BULB | DEW POINT | WET BULB | | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL | |
| SUNRISE: 0523 | | | | | MAY 25 | | | | | SUNSET: 1913 | | | |
| 03 | FEW | 020 | 10.00 | | 70 | 69 | 69 | 97 | 3 | 14 | 29.81 | 29.92 | |
| 06 | BKN | 022 | 10.00 | | 72 | 70 | 71 | 94 | 5 | 15 | 29.85 | 29.95 | |
| 09 | BKN | 019 | 10.00 | | 81 | 73 | 75 | 77 | 10 | 17 | 29.85 | 29.96 | |
| 12 | BKN | 250 | 10.00 | | 86 | 72 | 76 | 63 | 21 | 15 | 29.83 | 29.93 | |
| 15 | OVC | 250 | 10.00 | | 86 | 72 | 76 | 63 | 17 | 16 | 29.74 | 29.85 | |
| 18 | BKN | 090 | 10.00 | | 82 | 74 | 76 | 77 | 8 | 16 | 29.74 | 29.85 | |
| 21 | OVC | 028 | 1.00 | TS+RA | 66 | 65 | 65 | 96 | 14 | 34 | 29.79 | 29.89 | |
| 24 | OVC | 095 | 7.00 | -TSRA | 66 | 64 | 65 | 93 | 9 | 15 | 29.83 | 29.94 | |
| SUNRISE: 0523 | | | | | MAY 26 | | | | | SUNSET: 1914 | | | |
| 03 | OVC | 080 | 7.00 | -TSRA | 67 | 63 | 65 | 87 | 9 | 15 | 29.88 | 29.98 | |
| 06 | OVC | 250 | 10.00 | | 68 | 66 | 67 | 93 | 0 | 00 | 29.88 | 29.99 | |
| 09 | SCT | 095 | 10.00 | | 78 | 69 | 72 | 74 | 14 | 16 | 29.89 | 30.00 | |
| 12 | BKN | 060 | 10.00 | | 83 | 71 | 75 | 67 | 15 | 17 | 29.92 | 30.03 | |
| 15 | BKN | 055 | 10.00 | | 83 | 73 | 76 | 72 | 18 | 14 | 29.91 | 30.01 | |
| 18 | BKN | 043 | 10.00 | | 80 | 73 | 75 | 79 | 15 | 14 | 29.88 | 29.98 | |
| 21 | BKN | 040 | 10.00 | | 78 | 72 | 74 | 82 | 14 | 13 | 29.91 | 30.02 | |
| 24 | OVC | 030 | 10.00 | | 78 | 74 | 75 | 87 | 10 | 14 | 29.91 | 30.02 | |
| SUNRISE: 0523 | | | | | MAY 27 | | | | | SUNSET: 1915 | | | |
| 03 | OVC | 025 | 8.00 | | 78 | 75 | 76 | 90 | 5 | 15 | 29.89 | 29.99 | |
| 06 | SCT | 020 | 3.00 | | 66 | 64 | 65 | 93 | 13 | 11 | 29.98 | 30.10 | |
| 09 | BKN | 110 | 7.00 | | 68 | 66 | 67 | 93 | 3 | 16 | 30.00 | 30.10 | |
| 12 | BKN | 250 | 10.00 | | 79 | 71 | 74 | 77 | 8 | 12 | 29.98 | 30.09 | |
| 15 | BKN | 250 | 10.00 | | 85 | 74 | 77 | 70 | 7 | 12 | 29.94 | 30.04 | |
| 18 | SCT | 250 | 10.00 | | 85 | 70 | 75 | 61 | 9 | 19 | 29.90 | 30.01 | |
| 21 | SCT | 250 | 10.00 | | 77 | 70 | 72 | 79 | 7 | 16 | 29.95 | 30.06 | |
| 24 | SCT | 250 | 10.00 | | 73 | 71 | 72 | 94 | 3 | 11 | 29.95 | 30.06 | |
| SUNRISE: 0522 | | | | | MAY 28 | | | | | SUNSET: 1915 | | | |
| 03 | SCT | 250 | 10.00 | | 72 | 71 | 71 | 97 | 0 | 00 | 29.92 | 30.03 | |
| 06 | FEW | 250 | 10.00 | | 71 | 70 | 70 | 96 | 0 | 00 | 29.96 | 30.07 | |
| 09 | BKN | 017 | 10.00 | | 81 | 74 | 76 | 79 | 9 | 14 | 29.96 | 30.07 | |
| 12 | SCT | 250 | 10.00 | | 88 | 73 | 77 | 61 | 6 | 15 | 29.96 | 30.07 | |
| 15 | OVC | 250 | 10.00 | | 85 | 74 | 77 | 70 | 11 | 12 | 29.90 | 30.01 | |
| 18 | BKN | 250 | 10.00 | | 84 | 75 | 78 | 74 | 15 | 13 | 29.83 | 29.94 | |
| 21 | BKN | 250 | 10.00 | | 78 | 74 | 75 | 87 | 15 | 15 | 29.87 | 29.98 | |
| 24 | BKN | 250 | 10.00 | | 78 | 74 | 75 | 87 | 6 | 17 | 29.88 | 29.99 | |
| SUNRISE: 0522 | | | | | MAY 29 | | | | | SUNSET: 1916 | | | |
| 03 | BKN | 055 | 8.00 | | 78 | 75 | 76 | 90 | 7 | 18 | 29.85 | 29.96 | |
| 06 | OVC | 070 | 4.00 | -RA BR | 73 | 68 | 70 | 84 | 5 | 24 | 29.89 | 29.99 | |
| 09 | OVC | 220 | 10.00 | | 74 | 70 | 71 | 88 | 13 | 14 | 29.83 | 29.93 | |
| 12 | BKN | 180 | 10.00 | | 83 | 69 | 74 | 63 | 5 | VR | 29.86 | 29.97 | |
| 15 | SCT | 250 | 10.00 | | 87 | 65 | 72 | 48 | 3 | VR | 29.84 | 29.95 | |
| 18 | SCT | 250 | 10.00 | | 86 | 66 | 73 | 51 | 7 | 18 | 29.83 | 29.93 | |
| 21 | SCT | 250 | 10.00 | | 78 | 68 | 71 | 71 | 6 | 17 | 29.86 | 29.97 | |
| 24 | SCT | 250 | 10.00 | | 75 | 72 | 73 | 90 | 3 | 18 | 29.88 | 29.99 | |
| SUNRISE: 0522 | | | | | MAY 30 | | | | | SUNSET: 1916 | | | |
| 03 | BKN | 250 | 9.00 | | 74 | 73 | 73 | 97 | 3 | 17 | 29.86 | 29.97 | |
| 06 | SCT | 250 | 7.00 | MIFG | 73 | 72 | 72 | 96 | 0 | 00 | 29.89 | 30.00 | |
| 09 | BKN | 250 | 10.00 | | 82 | 73 | 76 | 74 | 5 | VR | 29.95 | 30.05 | |
| 12 | BKN | 250 | 10.00 | | 88 | 72 | 77 | 59 | 5 | 10 | 29.88 | 29.99 | |
| 15 | OVC | 200 | 10.00 | -TSRA | 85 | 71 | 75 | 63 | 15 | 20 | 29.82 | 29.93 | |
| 18 | OVC | 075 | 10.00 | -TSRA | 71 | 67 | 68 | 87 | 13 | 15 | 29.91 | 30.02 | |
| 21 | OVC | 120 | 8.00 | -TSRA | 70 | 67 | 68 | 90 | 10 | 21 | 29.90 | 30.00 | |
| 24 | BKN | 250 | 10.00 | | 69 | 68 | 68 | 96 | 6 | 07 | 29.93 | 30.03 | |

| HOUR (LST) | SKY COVER | CEILING 100's of FT. | VISIBILITY (MILES) | WEATHER | TEMPERATURE °F | | | RELATIVE HUMIDITY (PCT) | WIND | | PRESSURE (INCHES, HG) | | |
|----------------------|-----------|-------------------------|-----------------------|---------|-------------------|-----------|----------|----------------------------|-------------|--------------------------|--------------------------|--------------|--|
| | | | | | DRY BULB | DEW POINT | WET BULB | | SPEED (MPH) | DIRECTION Tens of Deg | STATION | SEA LEVEL | |
| SUNRISE: 0521 | | | | | MAY 31 | | | | | SUNSET: 1917 | | | |
| 03 | BKN | 250 | 10.00 | | 70 | 67 | 68 | 90 | 3 | 01 | 29.90 | 30.01 | |
| 06 | BKN | 250 | 10.00 | | 70 | 67 | 68 | 90 | 5 | 28 | 29.92 | 30.03 | |
| 09 | BKN | 018 | 10.00 | | 74 | 68 | 70 | 82 | 9 | 36 | 29.97 | 30.08 | |
| 12 | BKN | 250 | 10.00 | | 82 | 68 | 73 | 63 | 7 | 36 | 29.95 | 30.06 | |
| 15 | SCT | 250 | 10.00 | | 85 | 65 | 72 | 51 | 5 | VR | 29.89 | 30.00 | |
| 18 | SCT | 250 | 10.00 | | 85 | 64 | 71 | 50 | 6 | 31 | 29.86 | 29.97 | |
| 21 | FEW | 042 | 10.00 | | 76 | 65 | 69 | 69 | 3 | 30 | 29.91 | 30.02 | |
| 24 | FEW | 040 | 10.00 | | 70 | 65 | 67 | 84 | 0 | 00 | 29.93 | 30.04 | |

3-HOURLY OBSERVATION NOTES

Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8

Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

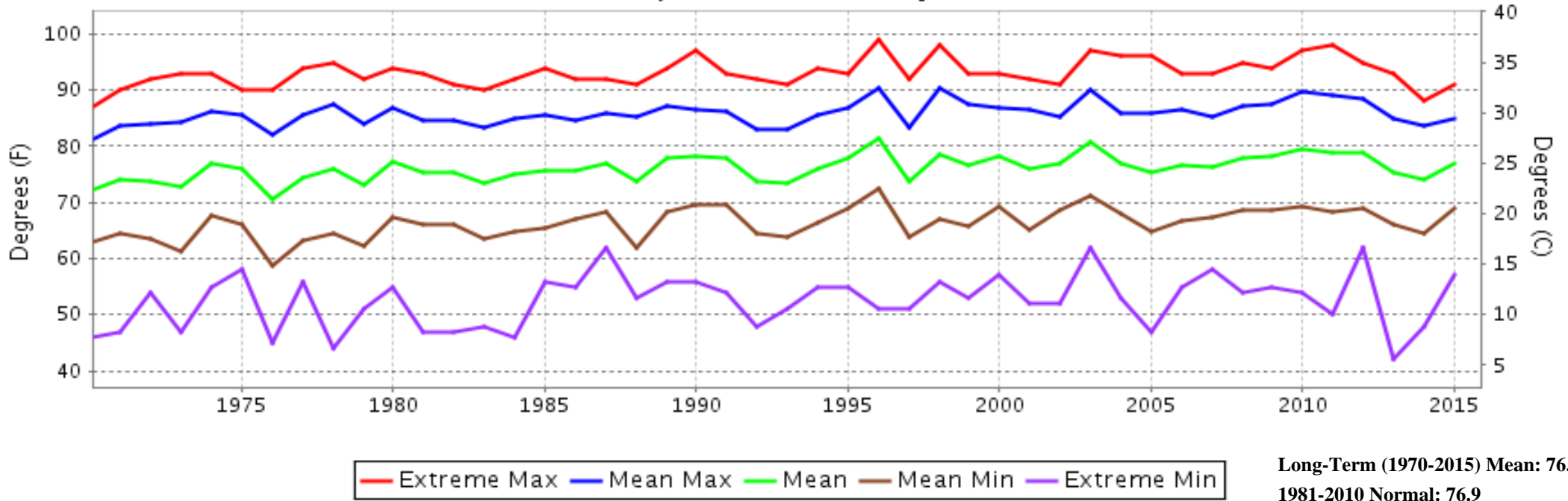
& = Original observation contained additional weather elements.

See page 3 for additional notes.

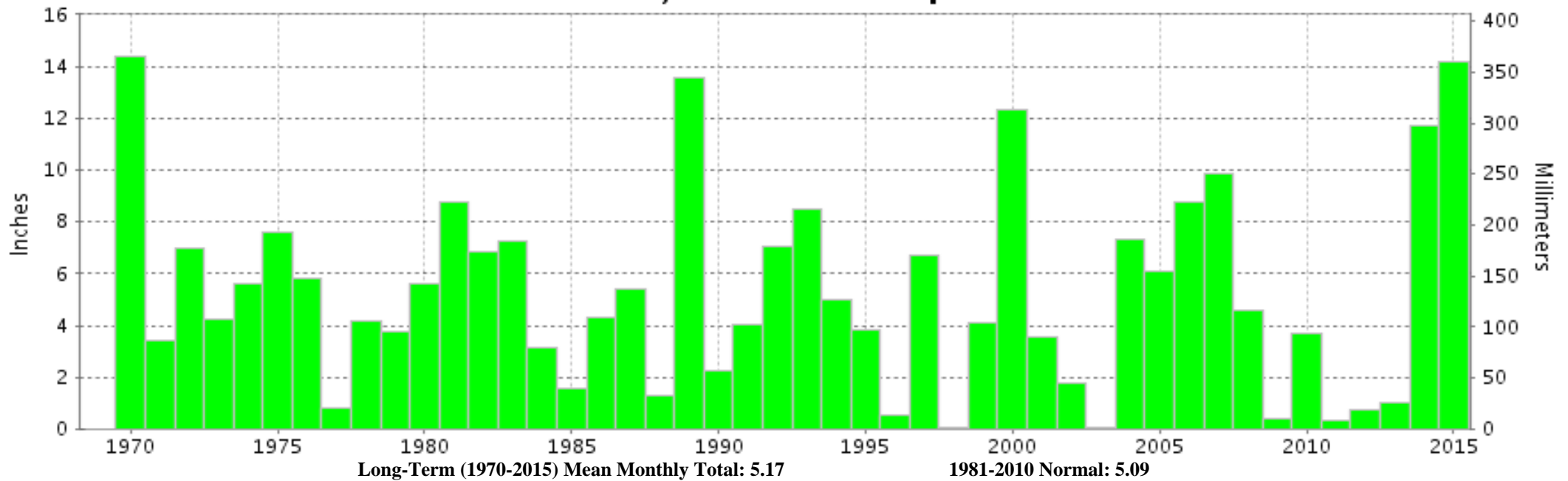
SUMMARY BY HOUR

| HOUR (LST) | AVERAGES | | | | | | | | RESULTANT WIND (MPH) | |
|------------|----------|-----------|----------|-------------------|-----------------------|-----------|--------------------|------------------|----------------------|-----------|
| | DRY BULB | DEW POINT | WET BULB | RELATIVE HUMIDITY | PRESSURE (Inches, HG) | | VISIBILITY (Miles) | WIND SPEED (MPH) | SPEED | DIRECTION |
| | | | | | STATION | SEA LEVEL | | | | |
| 01 | 73 | 69 | 71 | 90 | 29.89 | 30.00 | 8.33 | 6 | 6 | 15 |
| 02 | 72 | 69 | 70 | 90 | 29.88 | 29.99 | 8.63 | 6 | 6 | 15 |
| 03 | 72 | 69 | 70 | 91 | 29.87 | 29.98 | 8.56 | 6 | 6 | 15 |
| 04 | 72 | 69 | 70 | 92 | 29.87 | 29.98 | 8.65 | 6 | 7 | 14 |
| 05 | 71 | 69 | 70 | 92 | 29.88 | 29.99 | 8.48 | 6 | 7 | 14 |
| 06 | 71 | 69 | 70 | 92 | 29.90 | 30.00 | 7.40 | 6 | 7 | 14 |
| 07 | 73 | 70 | 71 | 91 | 29.91 | 30.02 | 7.95 | 7 | 6 | 14 |
| 08 | 75 | 70 | 72 | 85 | 29.92 | 30.03 | 8.45 | 8 | 5 | 14 |
| 09 | 77 | 70 | 72 | 80 | 29.93 | 30.03 | 8.77 | 9 | 6 | 14 |
| 10 | 79 | 69 | 72 | 75 | 29.93 | 30.04 | 9.13 | 11 | 6 | 14 |
| 11 | 80 | 69 | 73 | 72 | 29.93 | 30.04 | 9.23 | 10 | 6 | 13 |
| 12 | 81 | 69 | 73 | 68 | 29.92 | 30.03 | 9.71 | 10 | 7 | 13 |
| 13 | 81 | 69 | 73 | 69 | 29.91 | 30.02 | 9.42 | 10 | 7 | 14 |
| 14 | 81 | 69 | 73 | 67 | 29.90 | 30.00 | 9.74 | 12 | 8 | 13 |
| 15 | 81 | 69 | 73 | 69 | 29.87 | 29.98 | 9.84 | 12 | 8 | 12 |
| 16 | 80 | 69 | 73 | 71 | 29.87 | 29.97 | 9.74 | 13 | 8 | 12 |
| 17 | 80 | 69 | 73 | 71 | 29.86 | 29.97 | 9.74 | 12 | 8 | 12 |
| 18 | 79 | 69 | 72 | 74 | 29.85 | 29.96 | 9.90 | 12 | 7 | 12 |
| 19 | 77 | 69 | 72 | 78 | 29.86 | 29.97 | 9.71 | 10 | 7 | 13 |
| 20 | 75 | 69 | 71 | 82 | 29.88 | 29.98 | 9.71 | 9 | 6 | 14 |
| 21 | 74 | 69 | 71 | 84 | 29.88 | 29.99 | 9.35 | 9 | 6 | 13 |
| 22 | 74 | 69 | 71 | 86 | 29.90 | 30.00 | 9.45 | 8 | 6 | 14 |
| 23 | 74 | 70 | 71 | 88 | 29.90 | 30.00 | 9.29 | 7 | 6 | 14 |
| 24 | 73 | 70 | 71 | 89 | 29.89 | 30.00 | 8.77 | 6 | 6 | 14 |

HOUSTON, TX MAY Temperatures



HOUSTON, TX MAY Precipitation





**MAY 2015
HOUSTON, TX**

LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.

A handwritten signature in black ink, appearing to read "Thomas R. Karl".

DIRECTOR

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