



# AUGUST 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			
01	97	72	85	1	65	71	0	20		0		0.0	0.00	29.82	29.94	6.1	06	7.0	23	05	18	04	01	
02	99	72	86	2	66	72	0	21		0		0.0	0.00	29.77	29.89	1.9	12	4.3	20	10	14	14	02	
03	99	73	86	2	70	75	0	21		0		0.0	0.00	29.78	29.89	1.4	13	4.2	20	18	16	15	03	
04	98	75	87	3	74	77	0	22	RA	0		0.0	T	29.84	29.94	3.7	19	4.4	24	18	18	18	04	
05	99	80	90	6	75	78	0	25		0		0.0	0.00	29.84	29.96	6.4	19	8.0	26	14	21	14	05	
06	100	78	89	5	74	78	0	24		0		0.0	0.00	29.80	29.92	6.7	20	7.5	21	18	15	18	06	
07	100	77	89	5	74	78	0	24		0		0.0	0.00	29.79	29.91	5.5	18	6.8	23	14	20	14	07	
08	100	78	89	5	74	78	0	24		0		0.0	0.00	29.80	29.91	5.0	19	6.6	23	14	21	15	08	
09	102	77	90	6	73	77	0	25		0		0.0	0.00	29.81	29.93	3.3	20	5.2	18	16	16	15	09	
10	102	79	91	7	73	78	0	26		0		0.0	0.00	29.80	29.91	3.6	22	5.2	17	12	13	14	10	
11	106*	77	92*	8	72	77	0	27	TS TSRA RA BR	0		0.0	0.17	29.86	29.97	0.6	25	6.9	30	03	25	03	11	
12	99	74	87	3	73	77	0	22		0		0.0	0.00	29.88	30.00	0.8	12	3.6	20	03	17	02	12	
13	99	77	88	4	74	78	0	23	TS	0		0.0	0.00	29.85	29.97	3.0	15	5.2	17	12	15	13	13	
14	100	77	89	5	71	76	0	24		0		0.0	0.00	29.86	29.98	2.9	08	4.6	20	05	16	05	14	
15	99	73	86	2	71	75	0	21		0		0.0	0.00	29.85	29.97	5.0	09	7.1	24	11	21	12	15	
16	96	73	85	2	71	74	0	20	TS TSRA RA	0		0.0	0.75	29.83	29.95	1.6	08	4.3	44	10	33	11	16	
17	94	71	83	0	72	75	0	18		0		0.0	0.00	29.83	29.94	3.7	14	5.7	22	14	18	14	17	
18	95	77	86	3	74	77	0	21		0		0.0	0.00	29.74	29.86	5.5	17	7.4	23	11	20	12	18	
19	90	76	83	0	75	77	0	18	TS TSRA RA	0		0.0	0.12	29.73	29.85	5.6	15	6.4	31	15	26	15	19	
20	79	73	76*	-7	74	75	0	11	TS TSRA RA BR	0		0.0	0.92	29.83	29.94	2.9	11	6.6	33	13	20	13	20	
21	88	73	81	-2	74	75	0	16	TS TSRA RA BR	0		0.0	0.80	29.85	29.96	2.9	12	4.9	36	11	29	12	21	
22	93	76	85	2	76	78	0	20		0		0.0	0.00	29.83	29.95	5.6	17	5.9	22	15	17	15	22	
23	98	76	87	4	76	79	0	22	MIFG	0		0.0	0.00	29.88	29.99	1.6	19	3.2	17	17	15	15	23	
24	97	79	88	5	75	78	0	23		0		0.0	0.00	29.90	30.01	0.9	21	3.5	13	02	8	15	24	
25	94	73	84	2	74	76	0	19	TS TSRA RA	0		0.0	0.18	29.92	30.04	2.0	02	4.7	47*	01	41*	01	25	
26	90	71	81	-1	66	71	0	16		0		0.0	0.00	29.96	30.07	2.7	07	4.5	16	09	14	07	26	
27	93	69	81	-1	66	70	0	16		0		0.0	0.00	29.91	30.02	1.6	03	3.0	15	35	12	34	27	
28	92	70	81	-1	67	72	0	16		0		0.0	0.00	29.87	29.98	1.2	16	2.4	13	16	10	15	28	
29	90	69	80	-2	66	71	0	15		0		0.0	0.00	29.89	30.01	2.7	15	3.8	17	12	15	13	29	
30	91	69*	80	-2	67	71	0	15		0		0.0	0.00	29.88	29.99	2.0	14	3.0	16	11	14	11	30	
31	89	71	80	-2	71	73	0	15		0		0.0	0.00	29.90	30.00	3.9	13	4.8	29	13	24	13	31	

95.7	74.4	85.0	☼	71.7	75.4	0.0	20.3	< MONTHLY AVERAGES   TOTALS >				0.0	2.94	29.85	29.95	2.2	15	5.2	< MONTHLY AVERAGES			
1.2	-0.4	0.4		-----DEPARTURE FROM NORMAL -----								-0.82	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 0.92 <b>DATE :</b> 20				<b>SEA LEVEL PRESSURE</b>											
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> 0.0 <b>DATE :</b>				<b>MAXIMUM :</b> 30.14 <b>DATE</b> 26 <b>TIME</b> 1134											
<b>TOTAL DEPARTURE</b>				<b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>				<b>MINIMUM :</b> 29.78 <b>DATE</b> 18 <b>TIME</b> 1653											
<b>SEASON TO DATE</b>				<b>NUMBER OF -&gt; DAYS WITH</b>				<b>MAXIMUM TEMP &gt;= 90 :</b> 28				<b>MINIMUM TEMP &lt;= 32 :</b> 0				<b>PRECIPITATION &gt;= 0.01 INCH:</b> 6			
<b>HEATING :</b> 0 0 0 0				<b>MAXIMUM TEMP &lt;= 32 :</b> 0				<b>MINIMUM TEMP &lt;= 0 :</b> 0				<b>PRECIPITATION &gt;= 0.10 INCH:</b> 6							
<b>COOLING :</b> 630 21 2505 123				<b>THUNDERSTORMS :</b> 7				<b>HEAVY FOG :</b> 0				<b>SNOWFALL &gt;= 1.0 INCH :</b> 0							

AUGUST 2015  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
AUGUST 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	T	T	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
11													11												11	0.17	0.17	
12													12												12	0.00	0.00	
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15													15												15	0.00	0.00	
16													16												16	0.75	0.75	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.12	0.12	
20													20												20	0.92	0.92	
21													21												21	0.80	0.80	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.18	0.18	
26													26												26	0.00	0.00	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30													30												30	0.00	0.00	
31													31												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)	0.40	0.55	0.60	0.64	0.72	0.75	0.75	0.75	0.75	0.75	0.75	0.75
Ending Date	21	21	16	16	16	16	16	16	16	16	16	16
Ending Time (Hr/Min)	1803	1808	1649	1651	1651	1659	1659	1659	1659	1659	1659	1659

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	GL Glaze
VC In the Vicinity	UP Unkown Precipitation		

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

# HOUSTON, TX AUGUST 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	10.00	10.00
04	8.00	10.00
05	10.00	10.00
06	9.00	10.00
07	10.00	10.00
08	10.00	10.00
09	10.00	10.00
10	9.00	10.00
11	4.00	10.00
12	7.00	10.00
13	10.00	10.00
14	8.00	10.00
15	9.00	10.00
16	3.00	10.00
17	10.00	10.00
18	8.00	10.00
19	5.00	10.00
20	3.00	10.00
21	3.00	10.00
22	9.00	10.00
23	10.00	10.00
24	9.00	10.00
25	7.00	10.00
26	8.00	10.00
27	10.00	10.00
28	9.00	10.00
29	10.00	10.00
30	10.00	10.00
31	10.00	10.00
<b>AVGS</b>	8.32	10.00
<b>MINIMUM VISIBILITY (MILES)</b>		
<= .25	<= 3.0	>= 7.0
0	3	26

**OBSERVATIONS AT 3-HOURLY INTERVALS**

**HOUSTON, TX**

**AUGUST 2015**

**KIAH**

**WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F					WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)	
					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION		SEA LEVEL	DRY BULB						DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
				<b>SUNRISE: 0540</b>	<b>AUG 01</b>	<b>SUNSET: 1915</b>									<b>SUNRISE: 0544</b>	<b>AUG 07</b>	<b>SUNSET: 1911</b>								
03	FEW	250	10.00		75	66	69	74	0	00	29.84	29.95	03	FEW	020	10.00		80	75	77	85	3	19	29.80	29.91
06	SCT	250	10.00		74	65	68	74	5	02	29.85	29.95	06	SCT	250	10.00		79	76	77	90	0	00	29.83	29.93
09	BKN	250	10.00		87	66	73	50	11	07	29.89	30.00	09	SCT	025	10.00		86	74	78	67	9	24	29.85	29.96
12	BKN	250	10.00		95	64	74	36	7	VR	29.87	29.97	12	SCT	045	10.00		95	71	78	46	5	24	29.84	29.94
15	BKN	250	10.00		97	61	73	30	14	05	29.81	29.91	15	SCT	060	10.00		99	69	78	38	3	15	29.78	29.89
18	SCT	250	10.00		94	61	72	33	10	08	29.77	29.88	18	FEW	065	10.00		93	75	80	56	20	14	29.73	29.83
21	FEW	250	10.00		80	64	70	58	6	12	29.80	29.91	21	FEW	050	10.00		86	74	78	67	10	18	29.76	29.87
24	FEW	250	10.00		75	68	70	79	0	00	29.81	29.92	24	CLR	NC	10.00		83	75	77	77	5	19	29.80	29.90
				<b>SUNRISE: 0541</b>	<b>AUG 02</b>	<b>SUNSET: 1915</b>									<b>SUNRISE: 0545</b>	<b>AUG 08</b>	<b>SUNSET: 1910</b>								
03	FEW	250	10.00		74	68	70	82	0	00	29.79	29.90	03	FEW	025	10.00		80	75	77	85	3	20	29.80	29.90
06	FEW	250	10.00		73	68	70	84	3	33	29.80	29.91	06	CLR	NC	10.00		78	75	76	90	0	00	29.83	29.94
09	FEW	250	10.00		89	68	75	50	6	36	29.84	29.94	09	BKN	024	10.00		88	76	79	68	8	24	29.85	29.96
12	SCT	250	10.00		96	64	74	35	7	08	29.81	29.91	12	SCT	180	10.00		95	73	79	49	0	00	29.83	29.94
15	SCT	250	10.00		98	60	73	28	6	11	29.75	29.86	15	FEW	060	10.00		99	70	78	39	10	17	29.77	29.88
18	FEW	090	10.00		94	61	72	33	8	10	29.73	29.83	18	FEW	070	10.00		95	77	82	56	13	12	29.74	29.85
21	CLR	NC	10.00		85	66	72	53	5	18	29.75	29.86	21	CLR	NC	10.00		86	74	78	67	8	17	29.81	29.91
24	CLR	NC	10.00		79	70	73	74	0	00	29.77	29.87	24	CLR	NC	10.00		82	75	77	79	6	20	29.85	29.95
				<b>SUNRISE: 0542</b>	<b>AUG 03</b>	<b>SUNSET: 1914</b>									<b>SUNRISE: 0545</b>	<b>AUG 09</b>	<b>SUNSET: 1909</b>								
03	CLR	NC	10.00		76	71	73	85	0	00	29.77	29.87	03	FEW	250	10.00		80	75	77	85	5	24	29.82	29.92
06	FEW	250	10.00		73	71	72	94	3	36	29.80	29.91	06	SCT	250	10.00		77	75	76	94	5	27	29.83	29.94
09	FEW	035	10.00		87	71	76	59	6	27	29.81	29.92	09	BKN	250	10.00		86	74	78	67	9	27	29.86	29.97
12	SCT	050	10.00		95	67	76	40	3	VR	29.81	29.91	12	SCT	250	10.00		94	70	77	46	3	VR	29.84	29.95
15	SCT	070	10.00		95	66	75	39	9	03	29.76	29.87	15	BKN	250	10.00		100	66	76	33	3	24	29.79	29.90
18	SCT	250	10.00		93	66	75	41	9	12	29.75	29.85	18	SCT	250	10.00		96	76	81	52	11	12	29.76	29.87
21	SCT	250	10.00		85	72	76	65	5	19	29.78	29.89	21	FEW	250	10.00		88	74	78	63	8	17	29.81	29.91
24	SCT	250	10.00		82	74	76	77	0	00	29.80	29.90	24	CLR	NC	10.00		83	75	77	77	5	23	29.82	29.93
				<b>SUNRISE: 0542</b>	<b>AUG 04</b>	<b>SUNSET: 1913</b>									<b>SUNRISE: 0546</b>	<b>AUG 10</b>	<b>SUNSET: 1908</b>								
03	SCT	250	10.00		77	74	75	90	0	00	29.82	29.93	03	FEW	250	10.00		81	76	77	85	6	25	29.82	29.92
06	SCT	250	8.00		75	74	74	96	0	00	29.85	29.96	06	FEW	009	9.00		79	76	77	90	3	24	29.81	29.92
09	BKN	025	10.00		88	75	79	66	6	22	29.88	29.98	09	FEW	020	10.00		85	75	78	72	8	27	29.85	29.96
12	SCT	250	10.00		94	72	78	49	6	24	29.85	29.96	12	FEW	250	10.00		94	70	77	46	6	28	29.84	29.94
15	BKN	250	10.00		88	77	80	70	6	VR	29.82	29.93	15	SCT	250	10.00		101	67	77	33	0	00	29.77	29.87
18	SCT	180	10.00		89	75	79	63	3	18	29.80	29.91	18	SCT	250	10.00		98	71	79	42	9	17	29.75	29.86
21	SCT	250	10.00		86	71	76	61	8	18	29.84	29.94	21	SCT	250	10.00		89	73	78	59	5	18	29.79	29.90
24	SCT	250	10.00		82	76	78	82	5	18	29.88	29.98	24	SCT	250	10.00		85	74	77	70	5	19	29.80	29.91
				<b>SUNRISE: 0543</b>	<b>AUG 05</b>	<b>SUNSET: 1912</b>									<b>SUNRISE: 0546</b>	<b>AUG 11</b>	<b>SUNSET: 1907</b>								
03	SCT	250	10.00		80	77	78	90	3	18	29.87	29.97	03	SCT	250	10.00		82	75	77	79	7	24	29.83	29.94
06	SCT	250	10.00		80	77	78	90	0	00	29.88	29.98	06	SCT	250	10.00		80	75	77	85	0	00	29.88	29.98
09	SCT	025	10.00		87	74	78	65	9	23	29.90	30.00	09	FEW	250	10.00		89	73	78	59	8	31	29.91	30.01
12	SCT	045	10.00		95	70	77	44	10	24	29.89	29.99	12	FEW	250	10.00		101	70	79	37	3	VR	29.88	29.98
15	BKN	250	10.00		95	73	79	49	9	16	29.83	29.93	15	BKN	250	10.00		104	68	79	31	3	VR	29.80	29.91
18	SCT	250	10.00		92	76	80	60	13	17	29.79	29.89	18	BKN	140	10.00		84	71	75	65	16	17	29.86	29.97
21	SCT	250	10.00		86	75	78	70	11	18	29.83	29.93	21	OVC	095	4.00	TSRA BR	77	74	75	90	18	11	29.94	30.04
24	SCT	250	10.00		83	76	78	79	6	19	29.83	29.93	24	BKN	210	10.00		77	76	76	96	0	00	29.87	29.98
				<b>SUNRISE: 0543</b>	<b>AUG 06</b>	<b>SUNSET: 1912</b>									<b>SUNRISE: 0547</b>	<b>AUG 12</b>	<b>SUNSET: 1906</b>								
03	SCT	250	10.00		81	75	77	82	5	20	29.84	29.95	03	BKN	250	8.00		77	75	76	94	0	00	29.91	30.01
06	FEW	250	9.00		79	75	76	88	0	00	29.86	29.96	06	SCT	250	8.00		74	73	73	97	0	00	29.94	30.04
09	SCT	026	10.00		87	75	78	67	8	22	29.88	29.98	09	FEW	250	10.00		85	75	78	72	3	32	29.96	30.07
12	SCT	048	10.00		95	71	78	46	11	22	29.84	29.94	12	SCT	250	10.00		95	72	79	47	0	00	29.93	30.03
15	SCT	060	10.00		98	70	78	40	8	23	29.77	29.88	15	BKN	250	10.00		97	71	79	43	0	00	29.87	29.97
18	SCT	075	10.00		96	73	79	47	10	21	29.74	29.84	18	BKN	250	10.00		95	72	79	47	9	12	29.81	29.92
21	CLR	NC	10.00		86	74	78	67	13	19	29.78	29.89	21	BKN	250	10.00		87	73	77	63	5	16	29.85	29.95
24	CLR	NC	10.00		82	75	77	79	5	19	29.78	29.89	24	BKN	250	10.00		87	75	78	67	6	24	29.87	29.98

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX  
AUGUST 2015

KIAH

WBAN # 12960

Table with columns: 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 MPH, DIRECTION Tens of Deg), PRESSURE (INCHES, HG) (STATION, SEA LEVEL). Rows include dates from AUG 13 to AUG 24.

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX AUGUST 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				
<b>SUNRISE: 0554     AUG 25     SUNSET: 1853</b>					03	BKN	250	10.00	79	76	77	90	0	00	29.90	30.01
06	SCT	250	10.00		79	76	77	90	0	00	29.91	30.01				
09	FEW	028	10.00		88	75	79	66	5	32	29.96	30.07				
12	OVC	250	7.00	TS	80	68	72	67	34	36	29.98	30.08				
15	OVC	180	10.00		75	74	74	96	0	00	29.93	30.04				
18	SCT	180	10.00		80	73	75	79	5	11	29.90	30.01				
21	BKN	250	10.00		75	74	74	96	3	15	29.94	30.04				
24	SCT	250	10.00		74	72	73	94	3	34	29.93	30.04				
<b>SUNRISE: 0555     AUG 26     SUNSET: 1852</b>					03	BKN	250	8.00	74	72	73	94	5	35	29.94	30.04
06	SCT	250	10.00		73	70	71	90	5	03	29.97	30.08				
09	SCT	250	10.00		80	63	69	56	8	07	30.02	30.13				
12	FEW	250	10.00		87	61	70	42	6	VR	30.02	30.13				
15	CLR	NC	10.00		88	63	72	43	6	VR	29.96	30.07				
18	FEW	250	10.00		86	65	72	49	0	00	29.92	30.02				
21	CLR	NC	10.00		74	66	69	76	3	19	29.95	30.06				
24	CLR	NC	10.00		75	65	69	71	0	00	29.94	30.04				
<b>SUNRISE: 0555     AUG 27     SUNSET: 1851</b>					03	FEW	250	10.00	72	65	68	79	0	00	29.92	30.03
06	FEW	250	10.00		70	66	67	87	5	33	29.96	30.06				
09	SCT	250	10.00		82	66	71	58	7	01	29.97	30.08				
12	SCT	250	10.00		89	64	72	43	7	13	29.95	30.06				
15	BKN	250	10.00		92	63	73	38	5	35	29.89	30.00				
18	BKN	250	10.00		88	63	72	43	3	04	29.86	29.96				
21	SCT	250	10.00		76	67	70	74	0	00	29.88	29.99				
24	BKN	250	10.00		72	67	69	84	0	00	29.89	30.00				
<b>SUNRISE: 0556     AUG 28     SUNSET: 1850</b>					03	SCT	250	10.00	70	67	68	90	0	00	29.86	29.96
06	SCT	250	9.00		71	67	68	87	0	00	29.88	29.98				
09	CLR	NC	10.00		82	69	73	65	5	35	29.92	30.03				
12	SCT	045	10.00		89	67	74	48	0	00	29.90	30.01				
15	SCT	060	10.00		91	66	74	44	0	00	29.85	29.95				
18	SCT	250	10.00		87	66	73	50	7	12	29.83	29.93				
21	CLR	NC	10.00		81	69	73	67	9	18	29.88	29.98				
24	CLR	NC	10.00		78	68	71	71	3	20	29.91	30.01				
<b>SUNRISE: 0557     AUG 29     SUNSET: 1849</b>					03	FEW	250	10.00	72	69	70	91	0	00	29.89	29.99
06	FEW	250	10.00		71	68	69	90	0	00	29.91	30.01				
09	SCT	250	10.00		82	68	73	63	0	00	29.95	30.05				
12	SCT	250	10.00		87	63	71	45	5	09	29.93	30.04				
15	SCT	250	10.00		90	63	72	41	7	13	29.88	29.98				
18	SCT	250	10.00		84	64	71	51	9	13	29.86	29.97				
21	SCT	250	10.00		79	65	70	62	5	17	29.89	30.00				
24	BKN	250	10.00		74	66	69	76	3	19	29.89	30.00				
<b>SUNRISE: 0557     AUG 30     SUNSET: 1848</b>					03	BKN	250	10.00	71	66	68	84	3	25	29.88	29.98
06	BKN	250	10.00		70	66	67	87	0	00	29.90	30.01				
09	BKN	250	10.00		81	69	73	67	0	00	29.92	30.03				
12	BKN	250	10.00		86	67	73	53	0	00	29.93	30.03				
15	BKN	250	10.00		88	64	72	45	0	00	29.87	29.98				
18	SCT	250	10.00		85	69	74	59	9	11	29.84	29.95				
21	BKN	200	10.00		77	69	72	77	3	17	29.88	29.99				
24	SCT	250	10.00		75	69	71	82	5	18	29.88	29.98				

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				
<b>SUNRISE: 0558     AUG 31     SUNSET: 1846</b>					03	SCT	250	10.00	71	69	70	94	0	00	29.87	29.97
06	SCT	200	10.00		71	69	70	94	0	00	29.89	30.00				
09	SCT	250	10.00		85	74	77	70	3	03	29.93	30.03				
12	OVC	220	10.00		84	72	76	67	10	11	29.94	30.04				
15	OVC	250	10.00		87	72	77	61	10	11	29.89	29.99				
18	SCT	180	10.00		81	71	74	72	16	14	29.87	29.98				
21	BKN	250	10.00		74	69	71	85	0	00	29.89	29.99				
24	BKN	250	10.00		74	72	73	94	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.**

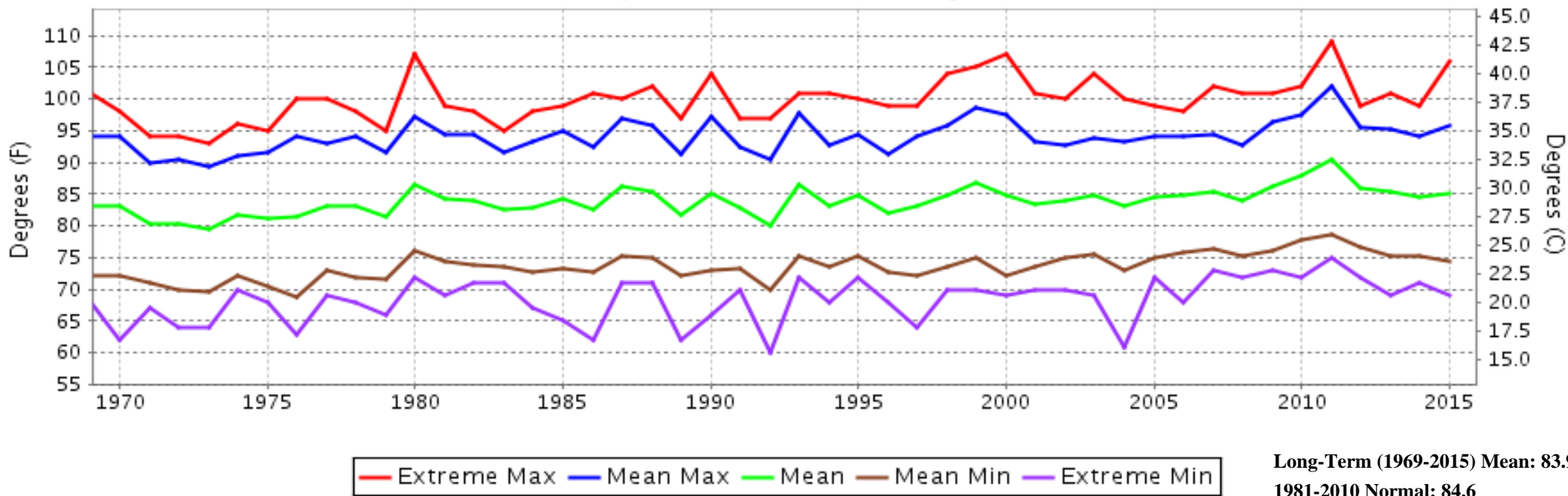
**& = Original observation contained additional weather elements.**

**See page 3 for additional notes.**

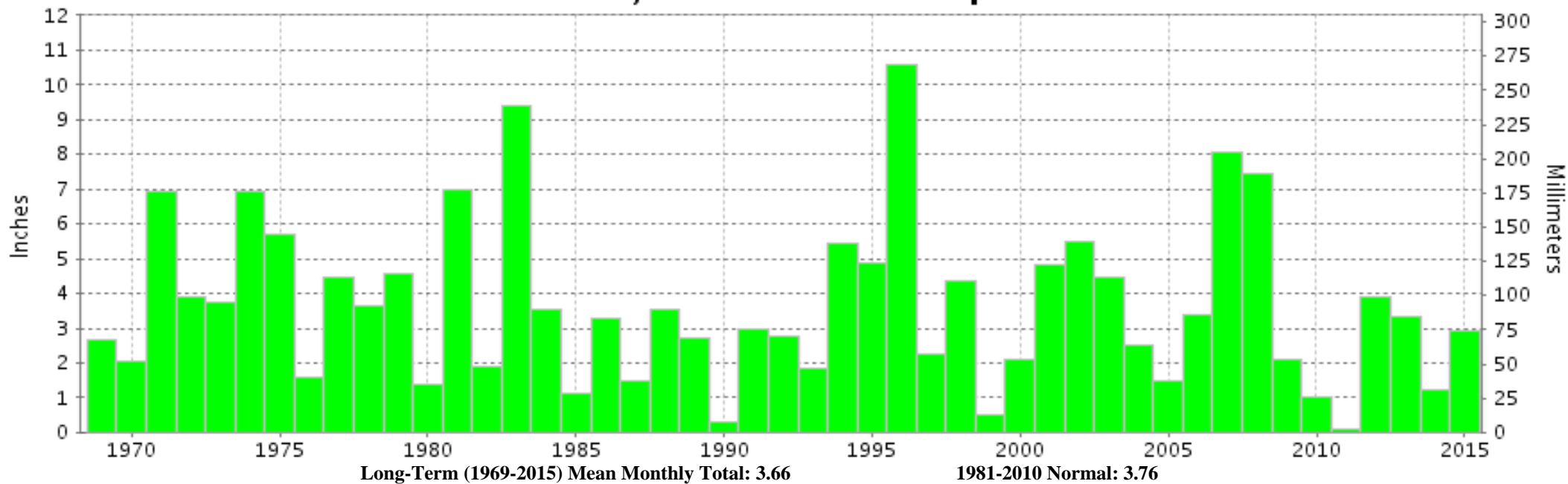
## SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
01	78	73	75	85	29.85	29.95	9.87	3	3	19
02	78	73	75	86	29.84	29.95	9.87	2	4	19
03	77	73	74	87	29.84	29.95	9.77	2	4	18
04	76	73	74	89	29.85	29.95	9.81	2	3	18
05	76	73	74	89	29.85	29.96	9.81	2	4	18
06	76	72	73	90	29.86	29.97	9.58	2	5	18
07	78	73	75	86	29.88	29.98	9.71	3	3	16
08	81	74	76	78	29.89	30.00	9.71	5	2	17
09	85	73	77	68	29.90	30.00	9.55	6	2	21
10	88	72	77	60	29.90	30.00	9.84	6	3	18
11	89	71	77	56	29.89	30.00	9.84	6	3	18
12	91	70	76	52	29.88	29.99	9.58	7	3	17
13	92	69	76	50	29.87	29.97	9.84	6	4	14
14	93	69	76	48	29.85	29.95	9.90	6	3	16
15	93	69	76	49	29.82	29.93	10.00	6	6	13
16	92	69	76	49	29.81	29.92	10.00	8	6	12
17	90	70	76	53	29.81	29.91	9.77	9	6	11
18	89	71	76	57	29.80	29.91	9.81	10	6	11
19	85	71	76	64	29.81	29.91	10.00	8	4	12
20	83	72	75	69	29.82	29.93	9.97	7	3	13
21	82	72	75	73	29.84	29.94	9.81	6	3	14
22	81	73	75	77	29.85	29.95	9.90	5	2	17
23	80	73	75	80	29.85	29.96	9.94	3	3	19
24	79	73	75	82	29.85	29.96	9.94	3	3	19

## HOUSTON, TX AUGUST Temperatures



## HOUSTON, TX AUGUST Precipitation





**AUGUST 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**

NCEI now offers free online access to the **Edited Local Climatological Data Publication**. Go to : [www.ncdc.noaa.gov/IPS/lcd/lcd.html](http://www.ncdc.noaa.gov/IPS/lcd/lcd.html)

We welcome your questions or comments, please contact us at:  
(828) 271-4800, option 2  
Fax Number : 828-271-4876  
TDD : (828) 271-4010  
or Email : [ncei.orders@noaa.gov](mailto:ncei.orders@noaa.gov)

NOAA, National Centers for Environmental Information  
Attn: Customer Engagement Branch  
151 Patton Avenue  
Asheville, NC 28801-5001