



# MAY 2014 LOCAL CLIMATOLOGICAL DATA

## NOAA, National Climatic Data Center

**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			
2	3	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23				
01	75	48*	62*	-10	40	52	3	0		0		0.0	0.00	29.97	30.10	1.8	05	3.6	26	01	16	03	01	
02	81	51	66	-7	41	54	0	1		0		0.0	0.00	29.91	30.03	3.5	27	4.9	16	29	13	31	02	
03	88	61	75	2	45	58	0	10		0		0.0	0.00	29.94	30.05	5.9	24	6.8	23	24	17	27	03	
04	88	61	75	2	47	60	0	10		0		0.0	0.00	29.96	30.08	6.4	20	7.3	22	16	17	17	04	
05	86	59	73	0	58	64	0	8		0		0.0	0.00	29.85	29.98	8.7	18	9.2	24	16	20	15	05	
06	85	68	77	3	61	66	0	12		0		0.0	0.00	29.76	29.88	11.5	17	11.8	29	15	23	16	06	
07	85	65	75	1	67	70	0	10	RA	0		0.0	T	29.78	29.89	12.9	15	13.4	31	14	25	15	07	
08	78	75	77	3	71	73	0	12	RA	0		0.0	0.04	29.78	29.90	12.1	16	12.1	33	15	26	15	08	
09	86	64	75	1	69	71	0	10	TS TSRA RA BR SQ	0		0.0	0.33	29.81	29.92	6.1	17	8.5	40	31	32	30	09	
10	87	63	75	0	69	71	0	10	RA	0		0.0	T	29.76	29.89	9.5	13	10.3	29	14	25	14	10	
11	87	75	81*	6	71	74	0	16	RA	0		0.0	0.01	29.72	29.84	14.7	15	15.1	32	15	26	15	11	
12	85	67	76	1	72	74	0	11	RA BR	0		0.0	0.28	29.78	29.88	12.1	15	13.3	38	35	30	35	12	
13	75	60	68	-7	63	65	0	3	TS TSRA RA BR	0		0.0	3.44	29.95	30.04	8.7	01	11.9	28	10	24	09	13	
14	72	54	63	-12	50	56	2	0	RA BR	0		0.0	0.15	30.06	30.16	13.9	34	13.9	35	34	26	33	14	
15	79	49	64	-12	45	55	1	0		0		0.0	0.00	30.10	30.22	3.0	23	3.8	17	28	13	27	15	
16	85	62	74	-2	50	60	0	9		0		0.0	0.00	29.98	30.11	8.1	21	9.1	25	23	18	23	16	
17	86	63	75	-2	58	64	0	10		0		0.0	0.00	29.93	30.04	9.3	18	10.3	31	17	22	17	17	
18	85	63	74	-3	62	66	0	9		0		0.0	0.00	29.96	30.08	8.0	15	8.4	26	15	22	15	18	
19	85	67	76	-1	64	69	0	11		0		0.0	0.00	29.95	30.06	10.5	16	10.6	26	16	21	14	19	
20	87	71	79	2	66	70	0	14		0		0.0	0.00	29.96	30.07	10.8	17	10.9	24	15	20	16	20	
21	86	71	79	2	67	71	0	14		0		0.0	0.00	29.96	30.08	9.9	15	10.5	26	14	22	13	21	
22	87	65	76	-1	67	71	0	11		0		0.0	0.00	29.98	30.09	7.4	15	8.0	22	14	17	14	22	
23	85	66	76	-1	67	70	0	11	BCFG	0		0.0	0.00	29.95	30.07	6.1	15	6.7	23	12	17	11	23	
24	88	66	77	0	68	71	0	12		0		0.0	0.00	29.90	30.03	7.8	14	8.3	23	12	18	12	24	
25	87	71	79	1	68	71	0	14		0		0.0	0.00	29.91	30.01	7.7	14	8.1	25	13	18	13	25	
26	80	68	74	-4	70	71	0	9	TS TSRA RA FG+ FG BR	0		0.0	2.91	29.92	30.02	4.9	14	8.3	39	28	28	29	26	
27	76	65	71	-7	68	69	0	6	TS TSRA RA BR	0		0.0	1.44	29.82	29.95	2.8	10	6.3	45*	36	32	35	27	
28	84	68	76	-2	68	70	0	11	TS TSRA RA BR	0		0.0	1.34	29.72	29.85	3.0	01	4.4	17	30	13	36	28	
29	88	68	78	0	67	70	0	13		0		0.0	0.00	29.72	29.83	4.0	35	5.4	20	36	15	35	29	
30	88*	70	79	0	69	72	0	14	TS TSRA RA FG BR	0		0.0	1.73	29.72	29.83	1.2	08	4.6	40	33	33*	34	30	
31	85	71	78	-1	72	74	0	13	TS RA BR	0		0.0	0.04	29.75	29.87	2.4	12	3.9	16	12	15	12	31	

83.8	64.4	74.1	☼	61.9	66.8	0.2	9.5	< MONTHLY AVERAGES   TOTALS >				0.0	11.71	29.88	30.00	4.9	16	8.7	< MONTHLY AVERAGES			
-2.5	-3.2	-2.8		-----DEPARTURE FROM NORMAL -----								6.62	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 4.15 <b>DATE :</b> 26-27				<b>SEA LEVEL PRESSURE</b>			
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> 0.0 <b>DATE :</b>				<b>MAXIMUM :</b> 30.31 15 1005			
<b>SEASON TO DATE</b>				<b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>				<b>MINIMUM :</b> 29.78 30 1653			
<b>TOTAL DEPARTURE</b>		<b>TOTAL DEPARTURE</b>		<b>NUMBER OF -&gt; DAYS WITH</b>		<b>MAXIMUM TEMP &gt;= 90 :</b> 0		<b>MINIMUM TEMP &lt;= 32 :</b> 0		<b>PRECIPITATION &gt;= 0.01 INCH :</b> 11	
<b>HEATING :</b> 6 5		1741 374		<b>THUNDERSTORMS :</b> 7		<b>MAXIMUM TEMP &lt;= 32 :</b> 0		<b>MINIMUM TEMP &lt;= 0 :</b> 0		<b>PRECIPITATION &gt;= 0.10 INCH :</b> 8	
<b>COOLING :</b> 294 -77		541 -111				<b>HEAVY FOG :</b> 1				<b>SNOWFALL &gt;= 1.0 INCH :</b> 0	

**MAY 2014  
HOUSTON, TX**

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
MAY 2014

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													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07								T	T	T		07	T	T	
08	T	0.03	T										08	T	T	T					T	T	T		08	0.04	0.04	
09						0.01							09				0.21	0.11		T	T			09	0.33	0.33		
10													10										T	T	10	T	T	
11	T	T	T	T	T								11		T	T								0.01	11	0.01	0.01	
12	T		T	T									12		T		T							0.03	12	0.28	0.28	
13	1.08	0.16	0.57	0.44	0.37	0.45	0.10	0.01		T	T		13		T		T							0.01	13	3.44	3.44	
14	0.14	T	T	T	0.01	T							14											0.01	14	0.15	0.15	
15													15												15	0.00	0.00	
16													16												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20												20	0.00	0.00	
21													21												21	0.00	0.00	
22													22												22	0.00	0.00	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26	T	0.06	0.09	0.12	1.34	1.10	0.20		T			26	2.91	2.91	
27						0.58	0.27	0.10	0.08	0.10	0.02	T	27	0.02	0.13	0.04	0.10	T							27	1.44	1.44	
28		0.06	1.14	0.06			0.07	0.01	T				28												28	1.34	1.34	
29													29												29	0.00	0.00	
30													30												30	1.73	1.73	
31								T					31		0.01										31	0.04	0.04	

\* 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)	0.50	0.81	1.14	1.31	1.56	1.86	2.17	2.35	2.48	2.56	2.61	2.67
Ending Date	26	26	26	26	30	26	26	26	26	26	26	26
Ending Time (Hr/Min)	1659	1657	1659	1702	1807	1727	1742	1800	1820	1829	1829	1844

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 MAY 2014

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	10.00	10.00
05	10.00	10.00
06	10.00	10.00
07	10.00	10.00
08	7.00	10.00
09	1.00	10.00
10	8.00	10.00
11	8.00	10.00
12	2.50	10.00
13	4.00	10.00
14	5.00	10.00
15	7.00	10.00
16	10.00	10.00
17	10.00	10.00
18	10.00	10.00
19	9.00	10.00
20	10.00	10.00
21	10.00	10.00
22	10.00	10.00
23	8.00	10.00
24	8.00	10.00
25	10.00	10.00
26	0.12	10.00
27	0.50	10.00
28	0.50	10.00
29	0.50	10.00
30	0.50	10.00
31	3.00	10.00
<b>AVGS</b>	6.86	10.00
<b>MINIMUM VISIBILITY (MILES)</b>		
<= .25	<= 3.0	>= 7.0
1	8	21

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2014

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		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						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
<b>SUNRISE: 0539</b>					<b>MAY 01</b>					<b>SUNSET: 1858</b>					<b>SUNRISE: 0534</b>					<b>MAY 07</b>					<b>SUNSET: 1902</b>				
03	BKN	250	10.00		53	44	49	72	3	34	30.03	30.14	03	SCT	250	10.00		68	64	66	87	5	18	29.77	29.88				
06	BKN	250	10.00		48	44	46	86	3	34	30.03	30.14	06	BKN	250	10.00		66	64	65	93	6	16	29.79	29.90				
09	FEW	250	10.00		68	42	55	39	6	05	30.06	30.17	09	BKN	250	10.00		77	64	69	64	15	18	29.82	29.93				
12	BKN	250	10.00		75	35	55	23	7	03	30.02	30.13	12	OVC	200	10.00		81	64	70	57	20	16	29.81	29.92				
15	OVC	230	10.00		73	32	53	22	6	09	29.95	30.06	15	OVC	160	10.00		82	64	70	55	23	15	29.76	29.87				
18	BKN	250	10.00		69	37	53	31	5	14	29.91	30.02	18	BKN	200	10.00		78	69	72	74	18	12	29.76	29.86				
21	BKN	250	10.00		63	43	53	48	3	22	29.96	30.07	21	BKN	200	10.00		76	72	73	88	13	13	29.75	29.86				
24	SCT	250	10.00		55	45	50	69	0	00	29.94	30.05	24	OVC	022	10.00		77	72	74	85	14	16	29.79	29.90				
<b>SUNRISE: 0538</b>					<b>MAY 02</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0533</b>					<b>MAY 08</b>					<b>SUNSET: 1903</b>				
03	FEW	250	10.00		55	46	50	72	5	24	29.93	30.04	03	OVC	017	10.00		75	72	73	90	14	16	29.79	29.89				
06	BKN	170	10.00		58	45	51	62	5	27	29.96	30.07	06	OVC	009	10.00		75	71	72	88	14	16	29.80	29.91				
09	BKN	130	10.00		67	43	54	42	7	29	29.98	30.09	09	OVC	044	10.00		78	70	73	76	17	16	29.82	29.92				
12	CLR	NC	10.00		75	36	55	24	6	VR	29.94	30.05	12	OVC	110	10.00	-RA	77	72	74	85	11	17	29.80	29.91				
15	BKN	150	10.00		79	36	57	21	7	33	29.86	29.97	15	OVC	130	10.00		78	71	73	79	10	17	29.77	29.88				
18	BKN	250	10.00		78	36	56	22	5	29	29.85	29.96	18	OVC	025	10.00		78	72	74	82	17	17	29.74	29.85				
21	FEW	100	10.00		66	41	53	40	5	21	29.88	29.99	21	OVC	030	10.00		76	73	74	91	8	16	29.78	29.88				
24	FEW	130	10.00		66	45	55	47	6	21	29.91	30.02	24	OVC	033	10.00		76	73	74	91	7	16	29.80	29.91				
<b>SUNRISE: 0537</b>					<b>MAY 03</b>					<b>SUNSET: 1859</b>					<b>SUNRISE: 0532</b>					<b>MAY 09</b>					<b>SUNSET: 1903</b>				
03	CLR	NC	10.00		62	48	55	60	5	22	29.91	30.02	03	OVC	007	6.00	BR	75	73	74	94	7	17	29.77	29.88				
06	CLR	NC	10.00		61	50	55	67	6	23	29.94	30.05	06	OVC	006	5.00	BR	74	73	73	97	6	17	29.81	29.91				
09	CLR	NC	10.00		73	47	59	40	11	23	29.98	30.10	09	OVC	014	10.00		77	71	73	82	11	17	29.85	29.96				
12	CLR	NC	10.00		82	44	61	26	14	26	29.97	30.07	12	BKN	250	10.00		84	69	74	61	10	17	29.83	29.94				
15	CLR	NC	10.00		86	40	61	20	5	VR	29.90	30.01	15	OVC	200	10.00		82	69	73	65	8	17	29.79	29.90				
18	CLR	NC	10.00		86	38	60	18	5	27	29.90	30.01	18	OVC	100	10.00	-RA	66	63	64	90	0	00	29.86	29.97				
21	CLR	NC	10.00		75	47	59	37	6	19	29.95	30.06	21	BKN	150	10.00		67	63	65	87	13	29	29.79	29.90				
24	CLR	NC	10.00		68	50	58	53	3	20	29.98	30.09	24	BKN	250	10.00		64	63	63	96	5	10	29.77	29.88				
<b>SUNRISE: 0536</b>					<b>MAY 04</b>					<b>SUNSET: 1900</b>					<b>SUNRISE: 0532</b>					<b>MAY 10</b>					<b>SUNSET: 1904</b>				
03	CLR	NC	10.00		64	52	57	65	5	22	29.97	30.08	03	BKN	250	10.00		65	63	64	93	6	05	29.78	29.89				
06	CLR	NC	10.00		64	56	59	75	0	00	30.00	30.11	06	SCT	250	10.00		63	62	62	97	5	05	29.81	29.92				
09	CLR	NC	10.00		77	49	61	37	9	21	30.03	30.14	09	OVC	021	10.00		75	71	72	88	9	14	29.83	29.94				
12	CLR	NC	10.00		84	45	62	25	9	18	30.00	30.11	12	BKN	027	10.00		84	71	75	65	16	14	29.79	29.90				
15	CLR	NC	10.00		88	44	63	22	11	18	29.94	30.05	15	BKN	043	10.00		84	71	75	65	22	13	29.75	29.86				
18	CLR	NC	10.00		83	38	59	20	11	19	29.92	30.03	18	SCT	022	10.00		80	71	74	74	14	12	29.72	29.83				
21	CLR	NC	10.00		73	40	56	30	5	VR	29.95	30.06	21	BKN	035	10.00		76	73	74	91	9	14	29.76	29.86				
24	CLR	NC	10.00		66	55	60	68	5	17	29.96	30.06	24	OVC	035	10.00		76	73	74	91	11	15	29.75	29.86				
<b>SUNRISE: 0536</b>					<b>MAY 05</b>					<b>SUNSET: 1901</b>					<b>SUNRISE: 0531</b>					<b>MAY 11</b>					<b>SUNSET: 1905</b>				
03	CLR	NC	10.00		64	58	60	81	5	18	29.92	30.03	03	OVC	030	9.00	-RA	76	72	73	88	9	17	29.74	29.85				
06	CLR	NC	10.00		60	57	58	90	5	19	29.92	30.03	06	OVC	040	10.00		76	72	73	88	13	14	29.75	29.86				
09	SCT	031	10.00		73	57	63	57	13	19	29.94	30.05	09	BKN	030	10.00		81	70	74	69	23	15	29.77	29.88				
12	CLR	NC	10.00		81	56	66	42	9	18	29.91	30.01	12	SCT	070	10.00		85	69	74	59	16	18	29.77	29.87				
15	CLR	NC	10.00		85	55	67	36	10	18	29.82	29.93	15	BKN	075	10.00		87	70	75	57	22	16	29.70	29.80				
18	CLR	NC	10.00		79	59	67	50	14	16	29.78	29.89	18	BKN	250	10.00		81	73	75	77	16	13	29.68	29.79				
21	BKN	026	10.00		71	61	65	71	11	17	29.82	29.93	21	BKN	012	10.00		78	73	75	85	18	13	29.70	29.81				
24	BKN	029	10.00		68	62	64	81	7	17	29.82	29.93	24	BKN	011	8.00	-RA	76	74	75	94	10	17	29.74	29.84				
<b>SUNRISE: 0535</b>					<b>MAY 06</b>					<b>SUNSET: 1901</b>					<b>SUNRISE: 0530</b>					<b>MAY 12</b>					<b>SUNSET: 1905</b>				
03	BKN	029	10.00		69	60	64	73	6	18	29.77	29.88	03	OVC	013	10.00		77	72	74	85	16	16	29.73	29.83				
06	BKN	031	10.00		68	61	64	78	6	17	29.78	29.88	06	OVC	030	10.00		77	71	73	82	11	17	29.75	29.86				
09	SCT	033	10.00		76	59	66	56	11	19	29.82	29.93	09	OVC	035	10.00		80	72	75	76	17	14	29.80	29.90				
12	SCT	043	10.00		82	60	68	47	16	18	29.80	29.91	12	OVC	045	10.00		83	72	75	70	20	15	29.81	29.91				
15	SCT	250	10.00		83	60	68	46	15	16	29.74	29.85	15	OVC	027	5.00	-RA BR	80	74	76	82	15	14	29.77	29.88				
18	SCT	250	10.00		79	61	68	54	17	17	29.72	29.83	18	OVC	020	5.00	-RA BR	77	74	75	90	9	16	29.74	29.85				
21	FEW	030	10.00		72	63	66	73	11	16	29.76	29.86	21	OVC	014	8.00		77	73	74	88	11	16	29.77	29.88				
24	CLR	NC	10.00		69	63	65	81	6	17	29.78	29.88	24	OVC	031	8.00	RA	68	65	66	90	15	03	29.87	29.98				

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2014

**KIAH**

**WBAN # 12960**

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		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						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
<b>SUNRISE: 0530</b>					<b>MAY 13</b>					<b>SUNSET: 1906</b>					<b>SUNRISE: 0526</b>					<b>MAY 19</b>					<b>SUNSET: 1910</b>				
03	OVC	050	4.00	TSRA BR	66	65	65	96	13	05	29.87	29.98	03	FEW	017	10.00		70	67	68	90	7	17	29.95	30.05				
06	OVC	080	6.00	+RA BR	66	65	65	96	5	06	29.94	30.05	06	BKN	250	9.00		68	66	67	93	3	17	29.96	30.06				
09	OVC	110	10.00		68	64	66	87	11	07	29.91	30.01	09	SCT	250	10.00		77	63	68	62	17	17	29.98	30.10				
12	OVC	150	10.00		74	65	68	74	11	33	29.95	30.06	12	BKN	049	10.00		82	60	68	47	13	17	29.98	30.09				
15	OVC	150	10.00		70	62	65	76	17	33	29.92	30.03	15	SCT	055	10.00		84	59	68	43	13	15	29.94	30.05				
18	OVC	030	10.00		65	59	61	81	11	34	29.94	30.05	18	SCT	040	10.00		80	63	69	56	15	15	29.93	30.04				
21	OVC	032	10.00		64	58	61	81	15	36	29.98	30.10	21	BKN	045	10.00		74	68	70	82	14	16	29.95	30.05				
24	OVC	050	5.00	+RA BR	61	59	60	93	7	35	30.01	30.11	24	BKN	017	10.00		73	68	70	84	10	16	29.95	30.06				
<b>SUNRISE: 0529</b>					<b>MAY 14</b>					<b>SUNSET: 1906</b>					<b>SUNRISE: 0526</b>					<b>MAY 20</b>					<b>SUNSET: 1910</b>				
03	OVC	035	10.00	-RA	59	55	57	87	15	34	29.98	30.10	03	BKN	014	10.00		72	68	69	87	7	18	29.93	30.03				
06	OVC	045	10.00		57	53	55	87	14	34	30.03	30.15	06	BKN	024	10.00		72	68	69	87	6	18	29.97	30.07				
09	BKN	110	10.00		62	52	56	70	16	34	30.08	30.19	09	SCT	250	10.00		78	67	71	69	14	17	30.00	30.11				
12	BKN	045	10.00		66	49	57	54	20	35	30.06	30.17	12	SCT	055	10.00		85	64	71	50	17	17	29.98	30.09				
15	BKN	060	10.00		70	46	57	42	18	35	30.03	30.14	15	BKN	250	10.00		85	64	71	50	11	16	29.95	30.06				
18	FEW	060	10.00		70	43	56	38	14	34	30.03	30.14	18	SCT	250	10.00		83	63	70	51	14	16	29.93	30.04				
21	CLR	NC	10.00		63	44	53	50	7	35	30.10	30.21	21	SCT	250	10.00		75	67	70	76	7	16	29.96	30.07				
24	CLR	NC	10.00		55	47	51	74	0	00	30.14	30.25	24	BKN	017	10.00		71	68	69	90	8	16	29.96	30.07				
<b>SUNRISE: 0528</b>					<b>MAY 15</b>					<b>SUNSET: 1907</b>					<b>SUNRISE: 0525</b>					<b>MAY 21</b>					<b>SUNSET: 1911</b>				
03	CLR	NC	10.00		51	47	49	86	3	26	30.14	30.25	03	BKN	019	10.00		73	69	70	87	7	17	29.94	30.05				
06	CLR	NC	10.00		49	48	48	97	0	00	30.16	30.27	06	FEW	020	10.00		71	69	70	94	3	16	29.97	30.07				
09	CLR	NC	10.00		66	41	53	40	5	22	30.19	30.31	09	FEW	022	10.00		80	65	70	60	10	15	30.01	30.12				
12	CLR	NC	10.00		74	41	57	31	0	00	30.16	30.28	12	BKN	250	10.00		86	64	72	48	9	15	30.01	30.12				
15	CLR	NC	10.00		78	40	58	26	7	27	30.09	30.20	15	SCT	038	10.00		85	68	74	57	14	14	29.96	30.07				
18	CLR	NC	10.00		77	40	57	26	5	24	30.03	30.15	18	FEW	030	10.00		80	68	72	67	18	12	29.94	30.05				
21	CLR	NC	10.00		69	44	56	41	9	19	30.06	30.18	21	SCT	021	10.00		74	68	70	82	11	13	29.96	30.07				
24	CLR	NC	10.00		64	54	58	70	7	20	30.06	30.16	24	FEW	028	10.00		73	69	70	87	6	17	29.98	30.09				
<b>SUNRISE: 0528</b>					<b>MAY 16</b>					<b>SUNSET: 1908</b>					<b>SUNRISE: 0525</b>					<b>MAY 22</b>					<b>SUNSET: 1912</b>				
03	CLR	NC	10.00		62	54	58	75	5	22	30.02	30.13	03	SCT	024	10.00		69	68	68	96	0	00	29.98	30.09				
06	CLR	NC	10.00		63	56	59	78	5	21	30.03	30.14	06	BKN	250	10.00		70	69	69	97	0	00	29.98	30.10				
09	CLR	NC	10.00		72	54	62	53	15	23	30.08	30.19	09	BKN	250	10.00		78	66	70	67	9	16	30.01	30.12				
12	SCT	250	10.00		79	52	63	39	11	26	30.05	30.16	12	BKN	060	10.00		83	64	71	53	9	17	30.01	30.11				
15	FEW	250	10.00		83	44	61	25	7	VR	29.97	30.07	15	SCT	044	10.00		86	65	72	49	11	13	29.97	30.07				
18	CLR	NC	10.00		81	40	59	23	9	19	29.93	30.03	18	SCT	250	10.00		82	66	71	58	14	14	29.94	30.04				
21	FEW	250	10.00		72	44	57	37	8	19	29.95	30.06	21	SCT	250	10.00		76	67	70	74	8	17	29.96	30.07				
24	CLR	NC	10.00		67	58	62	73	11	19	29.95	30.06	24	SCT	017	10.00		72	68	69	87	6	17	29.98	30.10				
<b>SUNRISE: 0527</b>					<b>MAY 17</b>					<b>SUNSET: 1908</b>					<b>SUNRISE: 0524</b>					<b>MAY 23</b>					<b>SUNSET: 1912</b>				
03	FEW	250	10.00		65	58	61	78	8	19	29.90	30.01	03	BKN	250	10.00		70	68	69	93	3	17	29.98	30.08				
06	SCT	250	10.00		64	60	62	87	5	19	29.91	30.02	06	BKN	250	10.00		68	68	68	100	0	00	29.98	30.10				
09	SCT	250	10.00		74	60	65	62	9	22	29.96	30.07	09	BKN	250	10.00		78	67	71	69	8	17	30.00	30.11				
12	CLR	NC	10.00		83	53	65	36	7	VR	29.95	30.06	12	BKN	250	10.00		82	65	71	56	6	17	29.98	30.08				
15	BKN	250	10.00		85	48	64	28	14	20	29.89	30.00	15	OVC	250	10.00		83	67	72	59	13	15	29.93	30.04				
18	BKN	250	10.00		79	58	66	49	17	16	29.91	30.01	18	BKN	250	10.00		79	66	71	65	14	12	29.90	30.01				
21	SCT	250	10.00		72	63	66	73	13	16	29.94	30.04	21	BKN	250	10.00		75	66	69	74	6	17	29.94	30.05				
24	SCT	250	10.00		70	63	66	79	7	16	29.96	30.07	24	BKN	200	10.00		73	67	69	81	3	19	29.94	30.05				
<b>SUNRISE: 0527</b>					<b>MAY 18</b>					<b>SUNSET: 1909</b>					<b>SUNRISE: 0524</b>					<b>MAY 24</b>					<b>SUNSET: 1913</b>				
03	FEW	025	10.00		65	63	64	93	0	00	29.98	30.08	03	BKN	160	10.00		68	66	67	93	0	00	29.93	30.03				
06	FEW	030	10.00		64	62	63	93	3	14	29.98	30.09	06	SCT	250	8.00		70	68	69	93	3	18	29.92	30.03				
09	FEW	034	10.00		77	60	66	56	11	19	30.01	30.12	09	SCT	023	10.00		79	67	71	67	10	17	29.96	30.07				
12	SCT	055	10.00		81	58	67	45	6	16	29.98	30.10	12	BKN	250	10.00		84	65	72	53	8	18	29.94	30.05				
15	SCT	050	10.00		84	62	70	48	14	14	29.95	30.06	15	SCT	100	10.00		84	67	73	57	15	13	29.89	30.00				
18	FEW	050	10.00		78	62	68	58	18	14	29.95	30.05	18	SCT	040	10.00		82	68	73	63	17	13	29.86	29.96				
21	FEW	030	10.00		72	63	66	73	9	16	29.98	30.09	21	SCT	250	10.00		75	68	70	79	10	16	29.91	30.02				
24	FEW	025	10.00		68	65	66	90	6	15	29.97	30.08	24	BKN	250	10.00		73	69	70	87	7	16	29.91	30.02				

# OBSERVATIONS AT 3-HOURLY INTERVALS

**HOUSTON, TX**  
MAY 2014

**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: 0523</b>					<b>MAY 25</b>					<b>SUNSET: 1913</b>				
03	BKN	250	10.00		73	70	71	90	0	00	29.88	29.99		
06	OVC	250	10.00		72	69	70	91	0	00	29.91	30.01		
09	SCT	250	10.00		80	68	72	67	14	15	29.94	30.04		
12	BKN	250	10.00		84	65	72	53	7	19	29.94	30.04		
15	BKN	250	10.00		85	67	73	55	14	14	29.87	29.98		
18	BKN	250	10.00		81	68	72	65	10	11	29.86	29.97		
21	BKN	250	10.00		75	68	70	79	9	14	29.91	30.02		
24	BKN	250	10.00		73	68	70	84	3	17	29.95	30.05		
<b>SUNRISE: 0523</b>					<b>MAY 26</b>					<b>SUNSET: 1914</b>				
03	BKN	250	10.00		73	69	70	87	7	17	29.91	30.02		
06	OVC	250	8.00		74	71	72	91	3	18	29.93	30.03		
09	OVC	220	10.00		79	71	74	77	15	15	29.91	30.02		
12	OVC	130	10.00		78	72	74	82	7	17	29.95	30.05		
15	OVC	120	4.00	TSRA BR	75	73	74	94	8	10	29.92	30.03		
18	OVC	040	1.50	TS+RA BR	69	68	68	96	8	34	29.95	30.06		
21	BKN	250	10.00		69	67	68	93	7	12	29.89	29.99		
24	BKN	250	10.00		71	69	70	94	0	00	29.89	30.00		
<b>SUNRISE: 0523</b>					<b>MAY 27</b>					<b>SUNSET: 1915</b>				
03	BKN	200	8.00		75	73	74	94	13	16	29.85	29.95		
06	OVC	023	2.00	+RA BR	66	63	64	90	23	36	29.87	29.98		
09	OVC	250	10.00	RA	66	64	65	93	0	00	29.91	30.02		
12	BKN	250	10.00		71	66	68	84	7	19	29.87	29.97		
15	OVC	055	10.00	-RA	69	67	68	93	7	04	29.83	29.94		
18	SCT	130	10.00		74	69	71	85	9	14	29.78	29.89		
21	BKN	250	10.00		69	68	68	96	6	12	29.79	29.90		
24	OVC	038	0.50	BR	69	68	68	96	5	11	29.77	29.88		
<b>SUNRISE: 0522</b>					<b>MAY 28</b>					<b>SUNSET: 1915</b>				
03	OVC	035	0.50	TSRA BR	68	67	67	96	8	33	29.73	29.84		
06	OVC	022	10.00		70	68	69	93	3	01	29.72	29.83		
09	OVC	009	10.00		72	69	70	91	8	06	29.78	29.89		
12	BKN	025	10.00		78	69	72	74	3	VR	29.77	29.87		
15	SCT	085	10.00		83	68	73	61	3	06	29.72	29.83		
18	SCT	100	10.00		80	66	71	62	7	35	29.69	29.80		
21	BKN	110	10.00		75	68	70	79	3	01	29.73	29.84		
24	CLR	NC	10.00		72	68	69	87	3	34	29.72	29.83		
<b>SUNRISE: 0522</b>					<b>MAY 29</b>					<b>SUNSET: 1916</b>				
03	CLR	NC	10.00		68	67	67	96	3	33	29.72	29.83		
06	CLR	NC	10.00		69	67	68	93	0	00	29.74	29.84		
09	SCT	250	10.00		79	67	71	67	8	35	29.76	29.86		
12	SCT	035	10.00		85	65	72	51	14	33	29.74	29.85		
15	SCT	045	10.00		86	65	72	49	8	35	29.70	29.81		
18	SCT	095	10.00		83	67	72	59	6	05	29.68	29.78		
21	SCT	100	10.00		74	69	71	85	6	13	29.72	29.83		
24	FEW	085	10.00		72	69	70	91	0	00	29.73	29.83		
<b>SUNRISE: 0522</b>					<b>MAY 30</b>					<b>SUNSET: 1916</b>				
03	CLR	NC	10.00		72	69	70	91	0	00	29.71	29.82		
06	SCT	250	10.00		72	70	71	94	0	00	29.73	29.83		
09	SCT	100	10.00		82	70	74	67	5	25	29.74	29.85		
12	BKN	250	10.00		82	69	73	65	6	08	29.74	29.85		
15	SCT	250	10.00		86	70	75	59	8	11	29.69	29.80		
18	OVC	045	0.50	TS+RA FG	72	70	71	94	23	01	29.71	29.82		
21	BKN	100	10.00		72	70	71	94	5	12	29.72	29.83		
24	SCT	250	10.00		71	70	70	96	0	00	29.75	29.85		

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: 0521</b>					<b>MAY 31</b>					<b>SUNSET: 1917</b>				
03	SCT	065	10.00		73	71	72	94	3	16	29.76	29.86		
06	BKN	045	3.00	BR	72	71	71	97	3	17	29.76	29.87		
09	BKN	110	8.00		78	73	75	85	3	16	29.79	29.90		
12	BKN	250	10.00		83	72	75	70	10	14	29.78	29.88		
15	BKN	120	10.00		84	72	76	67	8	13	29.75	29.86		
18	BKN	150	10.00		81	72	75	74	3	16	29.74	29.85		
21	BKN	250	10.00		75	73	74	94	6	06	29.77	29.88		
24	SCT	130	8.00		73	72	72	96	5	04	29.78	29.89		

## 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.

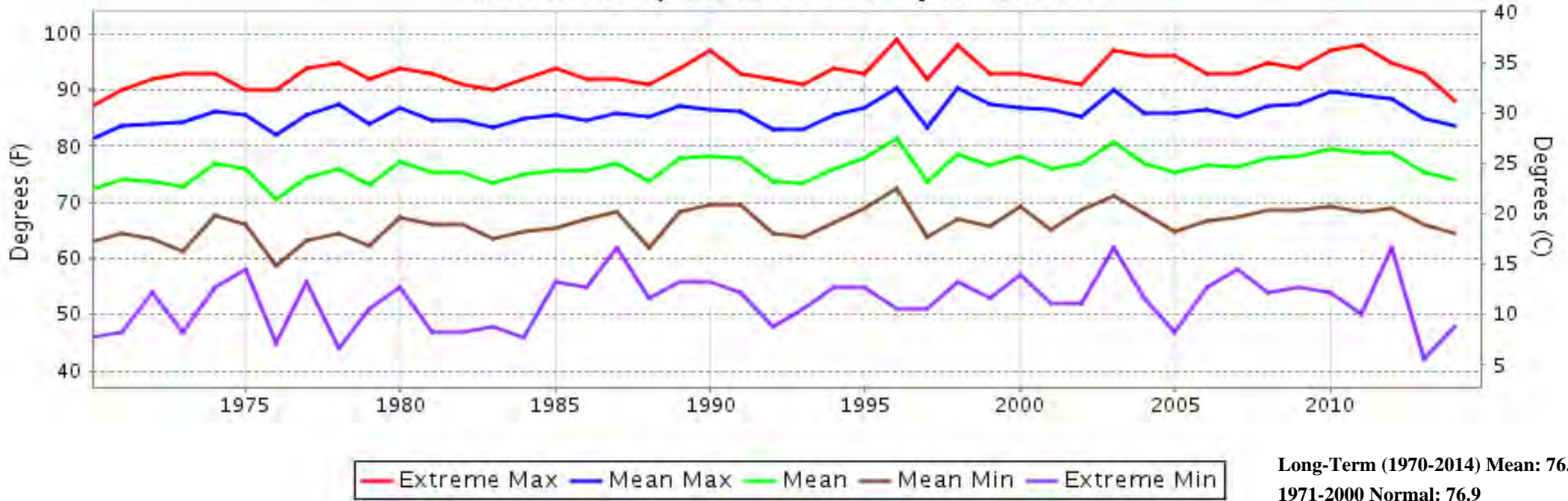
& = Original observation contained additional weather elements.

See page 3 for additional notes.

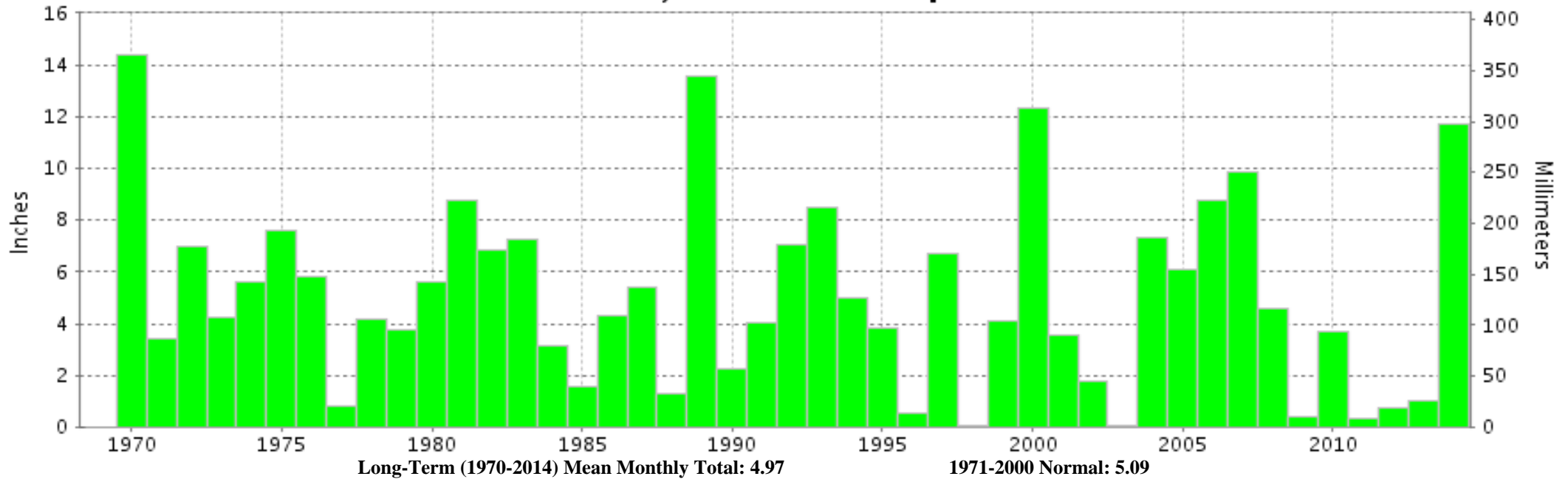
## SUMMARY BY HOUR

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	68	63	65	84	29.89	30.00	9.15	6	5	16
02	68	63	65	86	29.88	29.99	9.40	5	5	17
03	68	63	65	86	29.88	29.99	9.27	6	4	18
04	67	63	65	87	29.88	29.99	9.71	5	5	18
05	67	63	65	88	29.89	29.99	9.68	5	5	18
06	67	63	65	89	29.90	30.01	9.06	5	4	17
07	69	64	66	84	29.91	30.02	9.16	7	4	16
08	72	64	67	76	29.92	30.03	9.71	10	4	18
09	75	62	67	66	29.93	30.04	9.94	11	4	16
10	77	61	68	60	29.93	30.04	9.71	11	4	17
11	79	61	68	55	29.93	30.03	10.00	10	4	20
12	80	60	68	53	29.91	30.02	10.00	10	4	17
13	81	61	69	53	29.89	30.00	9.97	11	4	15
14	82	60	69	52	29.88	29.99	9.48	11	6	14
15	82	60	69	52	29.86	29.97	9.65	12	6	13
16	81	60	69	53	29.85	29.96	9.71	11	6	13
17	80	60	68	56	29.85	29.96	9.26	13	5	14
18	78	60	67	60	29.85	29.96	9.26	12	6	13
19	75	61	67	66	29.85	29.96	9.47	10	6	13
20	73	62	67	71	29.86	29.97	9.81	9	5	14
21	72	62	66	73	29.87	29.98	9.94	9	4	14
22	71	63	67	77	29.89	30.00	10.00	7	4	16
23	70	64	66	81	29.89	30.00	9.63	6	5	16
24	69	64	66	83	29.89	30.00	9.34	6	4	16

## HOUSTON, TX MAY Temperatures



## HOUSTON, TX MAY Precipitation





**MAY 2014**  
**HOUSTON, TX**

# **LOCAL CLIMATOLOGICAL DATA**

## **NOAA, National Climatic Data Center**

*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 Climatic Data Center (NCDC), Asheville, North Carolina 28801.*

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

**DIRECTOR**

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