



JANUARY 2017 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



JANUARY 2017
HOUSTON, TX

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			
																			SPEED 20	DIR 21	SPEED 22	DIR 23		
01	75	63	69	17	64	65	0	4	BR	0		0.0	0.00	29.75	29.86	2.8	14	3.2	14	14	13	15	01	
02	74	52	63	11	59	62	2	0	TS TSRA RA FG+ FG BR	0		0.0	1.29	29.77	29.86	2.7	23	6.3	43	33	31	33	02	
03	76	48	62	10	47	54	3	0		0		0.0	0.00	29.89	29.99	6.4	30	8.5	27	33	21	34	03	
04	53	42	48	-4	40	44	17	0		0		0.0	0.00	29.95	30.08	6.5	35	7.8	27	35	22	35	04	
05	56	44	50	-2	46	48	15	0	RA DZ BR HZ	0		0.0	T	29.81	29.94	6.7	02	7.1	27	01	23	01	05	
06	44	26	35	-17	28	33	30	0	TS TSRA RA DZ BR	0		0.0	0.27	30.12	30.19	16.0	35	16.3	31	36	25	01	06	
07	43	21*	32*	-20	16	27	33	0		0		0.0	0.00	30.58	30.66	9.7	35	9.9	26	34	21	35	07	
08	50	23	37	-14	24	32	28	0		0		0.0	0.00	30.52	30.65	4.8	12	5.8	19	13	16	15	08	
09	67	42	55	4	49	52	10	0		0		0.0	0.00	30.19	30.36	9.7	14	10.7	26	15	23	14	09	
10	78	63	71	20	60	64	0	6	RA	0		0.0	T	29.96	30.10	9.6	18	10.3	31	21	21	21	10	
11	80	66	73	22	63	66	0	8		0		0.0	0.00	29.91	30.03	12.2	18	12.4	31	19	22	17	11	
12	81*	67	74	23	64	67	0	9	BR	0		0.0	0.00	30.01	30.11	10.9	16	11.4	24	14	18	16	12	
13	79	67	73	22	66	68	0	8	RA BR	0		0.0	0.18	30.19	30.29	11.0	13	11.3	24	13	18	14	13	
14	77	59	68	17	64	66	0	3	MIFG BR	0		0.0	0.00	30.19	30.31	8.2	13	8.7	18	15	14	14	14	
15	76	62	69	18	64	66	0	4	RA MIFG BR	0		0.0	0.05	29.93	30.08	13.9	13	14.4	34	14	26	14	15	
16	80	67	74*	23	65	68	0	9	RA BR	0		0.0	0.20	29.87	29.99	10.9	16	11.2	29	17	22	17	16	
17	72	59	66	14	61	62	0	1	RA BR	0		0.0	0.56	29.93	30.05	5.6	04	8.0	22	01	18	01	17	
18	74	56	65	13	61	62	0	0	TS TSRA RA FG+ BR	0		0.0	2.11	29.87	30.00	4.4	33	6.3	16	30	14	30	18	
19	64	55	60	8	57	58	5	0	RA MIFG BR	0		0.0	0.43	29.70	29.84	2.0	22	4.7	19	29	16	09	19	
20	78	57	68	16	61	63	0	3	TS TSRA RA FG+ FG BCFG BR	0		0.0	0.95	29.62	29.74	3.2	21	5.8	28	30	18	31	20	
21	78	62	70	18	60	63	0	5	TS RA FG+ FG BR	0		0.0	0.01	29.44	29.56	3.2	21	5.9	37	31	24	30	21	
22	68	57	63	11	42	52	2	0	TS RA	0		0.0	0.04	29.60	29.67	14.1	30	15.6	48*	30	35*	32	22	
23	72	48	60	8	38	49	5	0		0		0.0	0.00	29.80	29.92	5.4	28	6.9	17	26	13	27	23	
24	80	48	64	12	57	61	1	0		0		0.0	0.00	29.65	29.78	10.8	17	10.9	27	18	21	16	24	
25	76	54	65	13	46	56	0	0	RA BR	0		0.0	T	29.80	29.87	7.0	34	10.9	29	33	22	34	25	
26	61	42	52	0	31	42	13	0		0		0.0	0.00	30.14	30.22	8.2	36	8.4	28	36	22	35	26	
27	57	39	48	-4	26	39	17	0		0		0.0	0.00	30.21	30.31	5.3	03	6.0	20	35	15	04	27	
28	61	45	53	0	28	42	12	0		0		0.0	0.00	30.18	30.30	8.3	30	8.7	23	31	17	32	28	
29	68	39	54	1	31	44	11	0		0		0.0	0.00	30.15	30.27	7.1	30	8.1	28	31	22	33	29	
30	77	42	60	7	34	48	5	0		0		0.0	0.00	30.06	30.20	5.8	23	6.0	20	25	14	21	30	
31	76	48	62	9	48	55	3	0		0		0.0	0.00	29.96	30.08	5.8	20	6.2	19	23	15	21	31	
69.4		50.4	59.9	☼	48.4	54.1	6.8	1.9	< MONTHLY AVERAGES TOTALS >			0.0	6.09	29.95	30.08	0.7	19	8.8	< MONTHLY AVERAGES					
6.5		7.2	6.8		<-----DEPARTURE FROM NORMAL----->							2.71	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
DEGREE DAYS									GREATEST 24-HR PRECIPITATION : 2.52 DATE : 17-18				SEA LEVEL PRESSURE				DATE		TIME					
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.77				08		0930					
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.43				21		1637					
SEASON TO DATE									NUMBER OF -> DAYS WITH				MAXIMUM TEMP >= 90 : 0		MINIMUM TEMP <= 32 : 3		PRECIPITATION >= 0.01 INCH : 11							
HEATING : 212 -173 529 -395									MAXIMUM TEMP <= 32 : 0		MINIMUM TEMP <= 0 : 0		PRECIPITATION >= 0.10 INCH : 8											
COOLING : 60 45 60 45									THUNDERSTORMS : 6		HEAVY FOG : 4		SNOWFALL >= 1.0 INCH : 0											

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
JANUARY 2017

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						0.09	0.30	T	0.88	0.02	T		02												02	1.29	1.29	
03													03												03	0.00	0.00	
04													04												04	0.00	0.00	
05										T	T	T	05	T		T	T	T					T	T	05	T	T	
06				T	T	T	0.01	T			0.01	0.25	T	06	T	T	T								06	0.27	0.27	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10											T		10												10	T	T	
11													11												11	0.00	0.00	
12													12												12	0.00	0.00	
13					0.06	0.05	T						13								T	T	0.07	T	13	0.18	0.18	
14													14												14	0.00	0.00	
15				T	T							0.02	15	0.03	T	T			T	T					15	0.05	0.05	
16					0.05	0.06	0.03	0.06	T				16												16	0.20	0.20	
17					T	0.10	0.02	T	0.02	0.01	T	0.02	17	0.03	0.10	0.03					0.02	T	0.15	0.06	17	0.56	0.56	
18	T	0.03	0.15	0.52	0.40	0.26	0.21	0.12	0.31	0.11		T	18	T	T	T									18	2.11	2.11	
19						T	0.08	0.16	0.07	0.02	0.05	0.03	19	0.01												19	0.43	0.43
20													20			0.02	0.09	T	0.10	0.02	0.01	0.01	0.03	0.67	20	0.95	0.95	
21													21												21	0.01	0.01	
22	0.04	T	T	T									22								T	T	0.01		22	0.04	0.04	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25				T	T						T		25												25	T	T	
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)	0.39	0.63	0.74	0.79	0.88	0.90	0.90	0.90	0.90	1.04	1.14	1.31
Ending Date	02	02	02	02	02	02	02	02	02	18	18	18
Ending Time (Hr/Min)	0838	0842	0844	0849	0858	0902	0902	0902	0902	0517	0519	0616

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 JANUARY 2017

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	0.50	10.00
02	0.25	10.00
03	0.50	10.00
04	10.00	10.00
05	2.00	10.00
06	2.50	10.00
07	10.00	10.00
08	10.00	10.00
09	10.00	10.00
10	10.00	10.00
11	9.00	10.00
12	1.00	10.00
13	0.25	10.00
14	0.25	10.00
15	0.75	10.00
16	1.00	10.00
17	0.25	10.00
18	0.25	10.00
19	0.25	10.00
20	0.25	10.00
21	0.25	10.00
22	9.00	10.00
23	10.00	10.00
24	10.00	10.00
25	5.00	10.00
26	10.00	10.00
27	10.00	10.00
28	10.00	10.00
29	10.00	10.00
30	10.00	10.00
31	10.00	10.00
AVGS	5.27	10.00
MINIMUM VISIBILITY (MILES)		
	<= .25	<= 3.0
		>= 7.0
8	15	15

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JANUARY 2017

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					
																										RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
SUNRISE: 0717					JAN 01					SUNSET: 1733					SUNRISE: 0718					JAN 07					SUNSET: 1737					
03	OVC	015	1.75	BR	65	64	64	97	3	19	29.74	29.85	03	BKN	025	10.00							24	16	22	71	13	34	30.40	30.53
06	OVC	015	3.00	BR	64	62	63	93	0	00	29.75	29.86	06	BKN	024	10.00							22	15	20	75	11	34	30.50	30.62
09	OVC	012	3.00	BR	66	63	64	90	0	00	29.79	29.90	09	CLR	NC	10.00							25	14	22	63	14	36	30.61	30.73
12	OVC	009	7.00		69	64	66	84	3	VR	29.79	29.90	12	CLR	NC	10.00							34	14	28	44	9	01	30.60	30.73
15	SCT	130	9.00		74	65	68	74	0	00	29.71	29.81	15	CLR	NC	10.00							42	14	33	32	13	35	30.55	30.68
18	BKN	250	10.00		69	65	66	87	6	12	29.74	29.84	18	CLR	NC	10.00							38	14	30	37	7	01	30.58	30.70
21	SCT	250	10.00		66	63	64	90	5	17	29.74	29.85	21	CLR	NC	10.00							33	16	28	49	5	35	30.63	30.75
24	OVC	015	0.50	BR	64	63	63	96	5	11	29.74	29.85	24	CLR	NC	10.00							28	19	25	69	3	34	30.64	30.77
SUNRISE: 0717					JAN 02					SUNSET: 1734					SUNRISE: 0718					JAN 08					SUNSET: 1738					
03	VV	002	0.25	FG	70	69	69	97	6	14	29.70	29.81	03	CLR	NC	10.00							28	18	25	66	5	04	30.63	30.75
06	OVC	020	6.00	TS+RA BR	73	70	71	90	7	20	29.69	29.79	06	CLR	NC	10.00							25	19	23	78	0	00	30.60	30.73
09	OVC	015	1.00	TS+RA BR	59	57	58	93	14	32	29.78	29.88	09	CLR	NC	10.00							32	22	29	66	3	04	30.64	30.76
12	FEW	250	10.00		68	59	63	73	8	30	29.79	29.89	12	FEW	250	10.00							44	12	33	27	6	13	30.61	30.73
15	FEW	250	10.00		73	53	61	50	7	32	29.74	29.85	15	FEW	250	10.00							49	29	41	46	11	13	30.50	30.61
18	FEW	250	10.00		67	51	58	57	5	25	29.77	29.88	18	SCT	250	10.00							44	32	39	63	10	13	30.45	30.56
21	FEW	250	10.00		57	54	55	90	5	25	29.82	29.93	21	SCT	250	10.00							39	33	37	79	8	09	30.45	30.56
24	CLR	NC	10.00		54	52	53	93	0	00	29.84	29.95	24	OVC	046	10.00							42	35	39	76	6	09	30.42	30.53
SUNRISE: 0718					JAN 03					SUNSET: 1734					SUNRISE: 0718					JAN 09					SUNSET: 1739					
03	FEW	250	8.00		54	51	52	90	5	24	29.84	29.95	03	OVC	050	10.00							44	39	42	83	7	08	30.35	30.47
06	BKN	250	10.00		57	51	54	81	3	23	29.83	29.94	06	OVC	050	10.00							46	40	43	79	9	09	30.30	30.42
09	BKN	250	10.00		61	52	56	72	7	26	29.88	29.98	09	OVC	055	10.00							53	48	50	83	7	12	30.32	30.44
12	BKN	250	10.00		73	42	57	33	11	28	29.89	30.00	12	BKN	060	10.00							65	53	58	66	16	14	30.27	30.39
15	BKN	250	10.00		75	43	58	32	8	30	29.84	29.95	15	OVC	045	10.00							64	55	59	73	15	13	30.18	30.29
18	BKN	250	10.00		64	45	54	50	5	27	29.87	29.98	18	BKN	055	10.00							65	56	60	73	10	17	30.14	30.25
21	SCT	250	10.00		57	44	50	62	16	33	29.96	30.06	21	FEW	045	10.00							64	56	59	75	13	17	30.11	30.22
24	SCT	250	10.00		49	40	45	71	15	34	30.00	30.11	24	FEW	250	10.00							63	56	59	78	13	17	30.06	30.18
SUNRISE: 0718					JAN 04					SUNSET: 1735					SUNRISE: 0718					JAN 10					SUNSET: 1740					
03	SCT	250	10.00		46	37	42	71	16	35	30.01	30.11	03	BKN	045	10.00							65	58	61	78	11	19	30.03	30.14
06	SCT	250	10.00		43	35	40	74	13	36	30.02	30.13	06	BKN	034	10.00							64	59	61	84	13	18	29.97	30.08
09	BKN	250	10.00		43	36	40	76	10	35	30.06	30.17	09	BKN	050	10.00							68	62	64	81	13	17	30.00	30.10
12	OVC	180	10.00		51	39	45	64	7	05	30.03	30.15	12	BKN	250	10.00							75	61	66	62	13	20	29.98	30.10
15	OVC	250	10.00		52	41	47	66	3	VR	29.95	30.06	15	BKN	250	10.00							77	61	67	58	8	20	29.91	30.02
18	BKN	140	10.00		50	41	46	71	7	02	29.92	30.03	18	BKN	250	10.00							73	62	66	69	9	17	29.94	30.05
21	SCT	250	10.00		45	41	43	86	0	00	29.91	30.02	21	BKN	250	10.00							70	64	66	82	8	17	29.97	30.08
24	OVC	055	10.00		47	42	45	83	5	27	29.86	29.98	24	SCT	031	10.00							68	64	66	87	8	17	29.96	30.07
SUNRISE: 0718					JAN 05					SUNSET: 1736					SUNRISE: 0718					JAN 11					SUNSET: 1741					
03	OVC	029	9.00		48	43	46	83	3	01	29.83	29.94	03	SCT	250	9.00							66	64	65	93	7	17	29.95	30.06
06	OVC	025	10.00		49	43	46	80	6	04	29.79	29.90	06	SCT	023	9.00							66	63	64	90	9	16	29.92	30.03
09	OVC	014	6.00	HZ	51	45	48	80	7	35	29.83	29.94	09	FEW	250	10.00							70	64	66	82	15	17	29.96	30.07
12	OVC	011	3.00	-DZ BR	52	48	50	86	6	36	29.82	29.93	12	BKN	250	10.00							76	62	67	62	16	20	29.95	30.06
15	OVC	007	4.00	BR	55	51	53	87	5	34	29.76	29.87	15	BKN	060	10.00							77	60	66	56	14	18	29.88	29.98
18	OVC	035	7.00		55	51	53	87	8	04	29.79	29.90	18	BKN	060	10.00							74	64	68	71	13	17	29.88	29.98
21	OVC	020	5.00	-DZ BR	48	44	46	86	17	01	29.87	29.98	21	BKN	017	10.00							71	65	67	81	14	17	29.89	30.00
24	OVC	030	10.00		44	38	41	79	14	02	29.89	30.00	24	OVC	025	10.00							71	66	68	84	11	17	29.92	30.03
SUNRISE: 0718					JAN 06					SUNSET: 1737					SUNRISE: 0718					JAN 12					SUNSET: 1741					
03	OVC	032	10.00		43	34	39	71	9	36	29.93	30.04	03	BKN	015	9.00							70	66	67	87	13	17	29.93	30.03
06	OVC	016	10.00	-RA	36	30	34	79	23	35	29.96	30.07	06	BKN	050	8.00							68	65	66	90	7	17	29.94	30.04
09	OVC	015	10.00		35	30	33	82	14	35	30.02	30.13	09	BKN	055	10.00							70	65	67	84	9	17	30.01	30.11
12	OVC	034	7.00		35	30	33	82	13	36	30.03	30.15	12	BKN	055	10.00							78	61	67	56	13	18	30.03	30.14
15	OVC	020	7.00		34	29	32	82	20	35	30.06	30.17	15	BKN	060	10.00							79	61	68	54	11	18	29.98	30.10
18	OVC	047	10.00		34	24	30	67	18	35	30.18	30.29	18	SCT	060	10.00							73	64	67	74	15	13	30.03	30.14
21	FEW	045	10.00		30	21	27	69	18	34	30.29	30.40	21	OVC	005	6.00	BR						69	67	68	93	11	14	30.08	30.19
24	FEW	020	10.00		26	18	24	71	20	35	30.35	30.47	24	OVC	004	1.00	BR						69	68	68	96	9	14	30.10	30.21

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JANUARY 2017

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
SUNRISE: 0718					JAN 13			SUNSET: 1742					SUNRISE: 0717					JAN 19			SUNSET: 1747				
03	OVC	004	1.00	BR	69	67	68	93	9	13	30.11	30.22	03	OVC	030	2.00	-RA	56	54	55	93	10	10	29.74	29.85
06	OVC	044	1.50	BR	68	67	67	96	5	12	30.14	30.25	06	OVC	005	10.00		56	53	54	90	0	00	29.78	29.88
09	OVC	002	0.25	BR	68	67	67	96	10	13	30.21	30.32	09	OVC	110	3.00	-RA BR	55	54	54	96	9	15	29.80	29.91
12	BKN	017	10.00		73	66	69	79	17	14	30.22	30.33	12	OVC	004	3.00	RA BR	60	59	59	96	6	22	29.77	29.88
15	SCT	250	10.00		76	63	68	64	15	12	30.19	30.30	15	OVC	070	10.00		63	58	60	84	7	23	29.66	29.77
18	SCT	250	10.00		72	66	68	82	13	14	30.21	30.32	18	OVC	025	10.00		64	59	61	84	3	25	29.65	29.76
21	BKN	025	7.00	-RA	69	67	68	93	8	12	30.22	30.34	21	OVC	025	10.00		63	59	61	87	0	00	29.67	29.77
24	OVC	003	0.75	BR	68	67	67	96	11	16	30.22	30.34	24	FEW	008	7.00	MIFG	61	59	60	93	3	20	29.65	29.76
SUNRISE: 0718					JAN 14			SUNSET: 1743					SUNRISE: 0717					JAN 20			SUNSET: 1748				
03	OVC	003	0.75	BR	68	67	67	96	9	15	30.22	30.34	03	VV	002	0.25	FG	60	59	59	96	7	22	29.64	29.75
06	OVC	002	0.25	BR	67	66	66	97	7	12	30.22	30.34	06	OVC	005	5.00	BR	61	59	60	93	6	22	29.66	29.76
09	OVC	010	0.25	BR	67	66	66	97	11	15	30.26	30.37	09	OVC	007	3.00	BR	61	58	59	90	8	24	29.73	29.83
12	BKN	025	10.00		71	66	68	84	6	13	30.24	30.35	12	BKN	250	10.00		71	62	65	73	3	VR	29.68	29.79
15	BKN	250	10.00		76	62	67	62	9	17	30.16	30.28	15	OVC	250	10.00		77	61	67	58	5	36	29.58	29.69
18	BKN	250	10.00		68	63	65	84	7	16	30.16	30.27	18	SCT	040	7.00		67	65	66	93	5	28	29.58	29.68
21	SCT	250	10.00		64	61	62	90	10	11	30.16	30.28	21	OVC	050	10.00	-TSRA	65	63	64	93	10	16	29.59	29.70
24	OVC	006	7.00	MIFG	61	60	60	97	8	09	30.13	30.24	24	SCT	030	7.00		63	62	62	97	0	00	29.58	29.68
SUNRISE: 0718					JAN 15			SUNSET: 1744					SUNRISE: 0717					JAN 21			SUNSET: 1749				
03	OVC	018	7.00		63	62	62	97	5	11	30.08	30.19	03	OVC	012	6.00	BR	63	62	62	97	5	11	29.53	29.64
06	OVC	010	9.00		64	62	63	93	9	09	30.03	30.15	06	VV	002	0.25	FG	63	63	63	100	6	14	29.50	29.61
09	OVC	005	2.00	BR	68	66	67	93	11	14	30.05	30.16	09	BKN	120	1.00		66	65	65	96	6	16	29.52	29.63
12	BKN	035	6.00	-RA BR	71	67	68	87	15	14	30.00	30.11	12	BKN	190	8.00		70	63	66	79	7	19	29.46	29.57
15	BKN	090	10.00		74	64	68	71	21	13	29.89	30.00	15	SCT	250	10.00		77	58	65	52	7	23	29.33	29.44
18	BKN	090	7.00		69	65	66	87	18	13	29.86	29.96	18	SCT	150	10.00		70	55	61	59	5	27	29.36	29.46
21	BKN	100	10.00		69	64	66	84	15	14	29.87	29.98	21	SCT	200	10.00		63	56	59	78	5	VR	29.35	29.45
24	BKN	150	10.00		68	64	66	87	14	14	29.87	29.97	24	OVC	200	10.00	-RA	63	52	57	68	7	31	29.45	29.56
SUNRISE: 0718					JAN 16			SUNSET: 1745					SUNRISE: 0716					JAN 22			SUNSET: 1750				
03	OVC	045	9.00		68	64	66	87	7	14	29.86	29.97	03	OVC	110	10.00		60	51	55	72	7	23	29.45	29.56
06	BKN	065	6.00		68	66	67	93	10	14	29.85	29.96	06	SCT	110	10.00		58	37	48	46	8	25	29.45	29.56
09	OVC	075	7.00		72	68	69	87	10	18	29.89	29.99	09	FEW	100	10.00		61	34	48	36	15	26	29.46	29.57
12	SCT	250	10.00		77	62	68	60	20	16	29.89	30.00	12	SCT	055	10.00		66	44	54	45	25	30	29.51	29.62
15	OVC	250	10.00		77	63	68	62	15	17	29.84	29.95	15	SCT	050	10.00		67	46	56	47	24	31	29.54	29.65
18	OVC	250	10.00		75	64	68	69	14	17	29.87	29.98	18	FEW	045	10.00		63	44	53	50	18	30	29.64	29.75
21	OVC	022	10.00		72	67	69	84	8	15	29.90	30.01	21	CLR	NC	10.00		62	39	51	43	15	31	29.73	29.84
24	OVC	070	9.00		72	69	70	91	7	17	29.91	30.02	24	CLR	NC	10.00		59	38	49	46	10	32	29.80	29.91
SUNRISE: 0718					JAN 17			SUNSET: 1746					SUNRISE: 0716					JAN 23			SUNSET: 1751				
03	OVC	020	8.00		71	69	70	94	3	16	29.90	30.01	03	CLR	NC	10.00		53	38	46	57	7	30	29.82	29.93
06	OVC	042	5.00	-RA BR	72	69	70	91	5	20	29.90	30.01	06	CLR	NC	10.00		49	38	44	66	7	29	29.84	29.96
09	OVC	011	5.00	-RA	59	57	58	93	10	03	29.97	30.08	09	CLR	NC	10.00		54	36	46	51	8	29	29.91	30.02
12	OVC	011	2.00	+RA BR	60	58	59	93	10	02	30.00	30.11	12	CLR	NC	10.00		66	32	50	28	7	31	29.88	29.99
15	OVC	015	7.00		59	57	58	93	11	05	29.94	30.05	15	CLR	NC	10.00		72	35	54	26	8	26	29.79	29.89
18	OVC	004	1.00	BR	59	58	58	96	9	03	29.95	30.06	18	CLR	NC	10.00		63	40	51	43	3	21	29.77	29.88
21	OVC	003	1.00	-RA BR	59	58	58	96	9	05	29.95	30.06	21	CLR	NC	10.00		56	41	49	57	5	18	29.77	29.88
24	OVC	004	0.25	BR	60	59	59	96	7	10	29.93	30.04	24	CLR	NC	10.00		58	42	50	56	6	19	29.76	29.87
SUNRISE: 0717					JAN 18			SUNSET: 1746					SUNRISE: 0716					JAN 24			SUNSET: 1752				
03	OVC	003	0.25	TS+RA BR	62	61	61	96	8	34	29.93	30.03	03	FEW	250	10.00		51	46	48	83	7	18	29.72	29.83
06	OVC	050	3.00	RA	63	61	62	94	8	03	29.90	30.01	06	FEW	250	10.00		56	52	54	87	3	16	29.69	29.80
09	OVC	038	3.00	-RA BR	64	63	63	96	5	36	29.93	30.04	09	FEW	250	10.00		64	58	60	81	9	17	29.72	29.82
12	OVC	020	7.00	-RA	73	68	70	84	3	25	29.90	30.01	12	FEW	250	10.00		77	59	66	54	14	18	29.70	29.81
15	OVC	005	5.00	-RA BR	63	60	61	90	10	32	29.86	29.97	15	SCT	250	10.00		79	60	67	52	17	17	29.62	29.72
18	OVC	011	7.00		63	59	61	87	5	31	29.86	29.97	18	BKN	250	10.00		73	62	66	69	14	17	29.61	29.72
21	OVC	002	0.50	BR	58	57	57	97	5	31	29.88	29.99	21	OVC	250	10.00		70	64	66	82	14	17	29.64	29.74
24	OVC	005	2.00	BR	57	55	56	93	5	32	29.85	29.96	24	BKN	250	10.00		70	64	66	82	9	17	29.63	29.74

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
JANUARY 2017

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: 0715 JAN 25 SUNSET: 1752					03	OVC	025	10.00		70	65	67	84	6	24	29.64	29.75
06	OVC	045	10.00		68	66	67	93	5	17	29.65	29.76					
09	OVC	031	5.00	BR	70	67	68	90	5	25	29.69	29.80					
12	OVC	250	10.00		71	35	53	27	15	01	29.75	29.85					
15	BKN	250	10.00		75	34	54	22	15	32	29.73	29.83					
18	OVC	300	10.00		65	33	50	31	20	34	29.83	29.94					
21	BKN	300	10.00		59	36	48	42	8	35	29.92	30.02					
24	OVC	250	10.00		55	32	45	42	11	35	30.00	30.10					
SUNRISE: 0715 JAN 26 SUNSET: 1753					03	BKN	250	10.00		51	30	42	44	14	35	30.02	30.13
06	BKN	250	10.00		48	29	40	48	9	02	30.10	30.21					
09	BKN	220	10.00		48	30	40	50	7	01	30.18	30.29					
12	BKN	230	10.00		52	29	42	41	10	36	30.19	30.30					
15	SCT	210	10.00		59	26	45	28	13	01	30.11	30.23					
18	SCT	250	10.00		52	29	42	41	0	00	30.11	30.23					
21	FEW	250	10.00		46	34	41	63	0	00	30.14	30.26					
24	SCT	250	10.00		45	31	39	58	5	34	30.19	30.31					
SUNRISE: 0714 JAN 27 SUNSET: 1754					03	BKN	250	10.00		42	31	37	65	3	35	30.16	30.27
06	BKN	250	10.00		39	29	35	67	5	05	30.22	30.33					
09	BKN	250	10.00		45	25	37	46	6	04	30.24	30.37					
12	BKN	230	10.00		54	21	41	28	8	04	30.24	30.35					
15	BKN	230	10.00		55	18	41	23	10	04	30.16	30.29					
18	BKN	250	10.00		52	22	40	31	7	04	30.18	30.29					
21	BKN	230	10.00		48	30	40	50	0	00	30.21	30.32					
24	OVC	100	10.00		50	27	41	41	3	31	30.21	30.32					
SUNRISE: 0714 JAN 28 SUNSET: 1755					03	BKN	120	10.00		49	29	41	46	11	34	30.16	30.28
06	OVC	120	10.00		49	29	41	46	6	28	30.22	30.33					
09	BKN	160	10.00		49	33	42	55	11	30	30.27	30.38					
12	BKN	250	10.00		54	31	44	42	10	30	30.24	30.35					
15	SCT	250	10.00		60	25	45	26	13	29	30.13	30.24					
18	FEW	250	10.00		56	25	43	30	9	31	30.13	30.24					
21	CLR	NC	10.00		49	27	40	43	6	27	30.16	30.27					
24	CLR	NC	10.00		46	28	39	50	6	27	30.16	30.28					
SUNRISE: 0713 JAN 29 SUNSET: 1756					03	CLR	NC	10.00		42	29	37	60	5	27	30.16	30.27
06	CLR	NC	10.00		41	29	36	62	7	28	30.16	30.28					
09	FEW	250	10.00		50	32	42	50	9	27	30.19	30.31					
12	FEW	250	10.00		63	28	47	27	15	33	30.19	30.30					
15	FEW	250	10.00		68	31	51	25	15	32	30.11	30.22					
18	FEW	250	10.00		64	31	49	29	6	30	30.13	30.24					
21	FEW	250	10.00		55	33	45	44	5	25	30.14	30.27					
24	CLR	NC	10.00		50	35	43	57	5	24	30.14	30.26					
SUNRISE: 0713 JAN 30 SUNSET: 1757					03	SCT	250	10.00		44	37	41	76	0	00	30.10	30.22
06	CLR	NC	10.00		47	34	41	61	7	23	30.11	30.22					
09	CLR	NC	10.00		55	37	47	51	6	25	30.14	30.26					
12	CLR	NC	10.00		73	31	53	21	7	27	30.13	30.24					
15	CLR	NC	10.00		76	28	53	17	11	24	30.05	30.15					
18	FEW	250	10.00		72	30	52	21	5	23	30.03	30.14					
21	CLR	NC	10.00		63	34	49	34	5	20	30.03	30.15					
24	FEW	250	10.00		59	46	52	62	7	21	30.02	30.13					

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: 0712 JAN 31 SUNSET: 1758					03	CLR	NC	10.00		52	48	50	86	5	20	30.01	30.12
06	CLR	NC	10.00		50	48	49	93	0	00	30.02	30.12					
09	FEW	250	10.00		58	48	53	70	7	21	30.03	30.14					
12	CLR	NC	10.00		72	45	57	38	9	23	30.01	30.12					
15	FEW	060	10.00		75	45	59	34	8	20	29.92	30.03					
18	FEW	055	10.00		72	47	58	41	6	19	29.91	30.01					
21	CLR	NC	10.00		64	52	57	65	6	17	29.91	30.02					
24	CLR	NC	10.00		55	53	54	93	5	16	29.91	30.02					

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

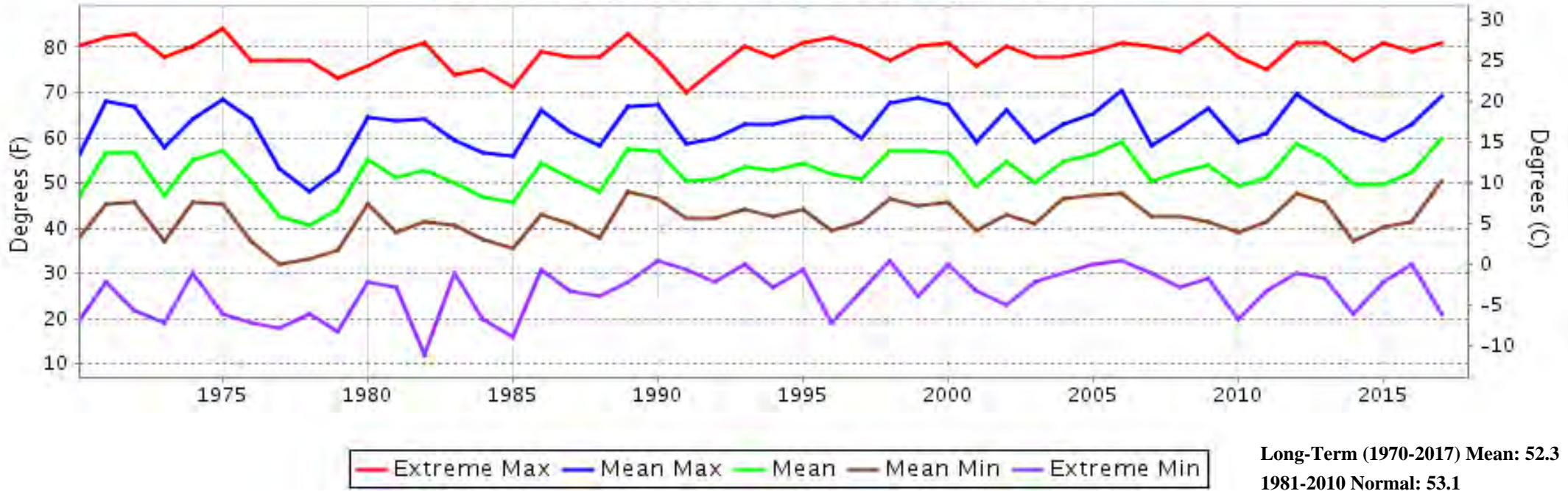
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

& = Original observation contained additional weather elements. See page 3 for additional notes.

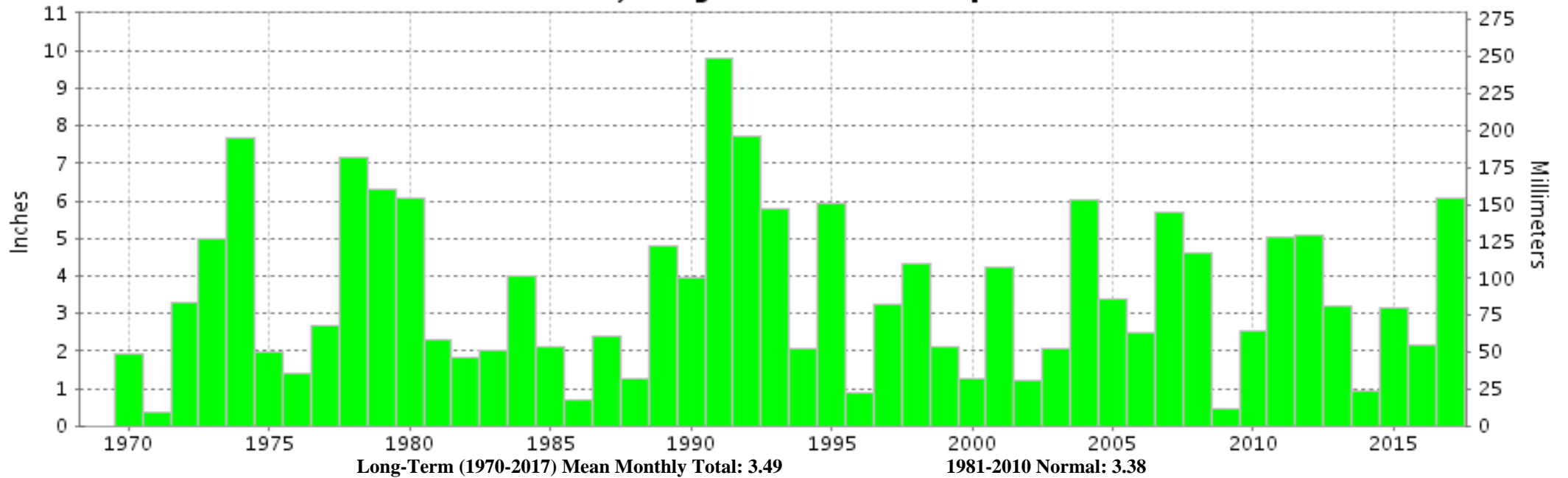
SUMMARY BY HOUR

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	56	49	53	79	29.96	30.07	7.65	7	1	14
02	56	49	53	80	29.96	30.07	7.53	7	1	18
03	55	49	53	81	29.95	30.07	7.46	7	1	17
04	55	49	52	81	29.95	30.06	7.55	7	1	19
05	55	49	52	81	29.95	30.06	8.10	7	1	23
06	55	49	52	81	29.96	30.07	7.94	7	1	15
07	55	49	52	81	29.97	30.08	8.01	7	1	14
08	55	49	52	80	29.98	30.09	7.18	7	1	19
09	57	49	53	77	30.00	30.11	7.08	9	1	24
10	59	48	54	70	30.02	30.13	8.10	10	1	14
11	62	48	55	63	30.02	30.13	8.58	10	1	23
12	64	47	56	59	29.99	30.10	8.81	11	1	24
13	66	47	56	54	29.96	30.07	9.16	12	2	26
14	67	47	57	53	29.93	30.05	9.42	12	1	25
15	67	47	57	53	29.92	30.04	9.42	11	1	24
16	67	47	56	53	29.92	30.04	9.34	11	1	23
17	65	47	56	57	29.93	30.04	9.42	11	1	21
18	63	48	55	62	29.94	30.05	9.32	9	1	16
19	61	49	55	68	29.94	30.06	9.23	9	2	11
20	60	49	54	70	29.96	30.07	9.32	9	1	15
21	58	49	54	73	29.97	30.08	9.02	8	1	13
22	58	49	53	74	29.97	30.08	8.82	9	1	13
23	57	49	53	76	29.98	30.09	8.51	8	1	23
24	56	49	53	77	29.97	30.09	8.21	8	1	16

HOUSTON, TX JANUARY Temperatures



HOUSTON, TX JANUARY Precipitation





JANUARY 2017
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 that reads "Margarita Fiegs".

DIRECTOR (ACTING)

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Fax Number : 828-271-4876
TDD : (828) 271-4010
or Email : ncdc.orders@noaa.gov

NOAA\National Centers for Environmental Information
Attn: User Engagement & Services Branch
151 Patton Avenue
Asheville, NC 28801-5001