



# JANUARY 2012 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			
01	72	49	61	9	38	50	4	0	RA	0		0.0	T	30.29	30.38	12.7	34	13.8	32	01	22	36	01	
02	62	43	53	1	25	41	12	0		0		0.0	0.00	30.47	30.57	9.1	35	9.7	30	01	22	36	02	
03	57	32	45	-7	25	37	20	0	FU	0		0.0	0.00	30.35	30.49	3.4	12	5.5	16	15	14	15	03	
04	74	39	57	5	47	52	8	0	MIFG	0		0.0	0.00	30.16	30.28	1.4	20	2.8	20	19	14	20	04	
05	75	52	64	12	53	57	1	0	BR	0		0.0	0.00	30.09	30.23	0.8	26	2.5	15	27	10	27	05	
06	75	55	65	13	57	61	0	0	MIFG BR	0		0.0	0.00	29.91	30.04	6.5	19	7.0	26	23	18	17	06	
07	76	54	65	13	57	60	0	0	MIFG	0		0.0	0.00	29.88	30.00	2.6	20	3.2	18	24	12	23	07	
08	78	64	71	20	63	65	0	6	RA BR	0		0.0	0.13	29.90	30.01	5.3	16	5.6	25	15	20	15	08	
09	70	61	66	15	63	64	0	1	TS TSRA RA BR	0		0.0	1.01	29.79	29.91	5.1	09	10.2	25	17	18	16	09	
10	61	46	54	3	44	47	11	0	RA BR	0		0.0	0.01	29.79	29.92	9.1	29	9.4	25	28	18	29	10	
11	71	42	57	6	41	49	8	0		0		0.0	0.00	29.68	29.80	6.3	24	7.2	22	31	16	29	11	
12	60	35	48	-3	23	37	17	0		0		0.0	0.00	30.07	30.15	12.9	33	13.1	38	33	29	35	12	
13	55	30*	43*	-8	23	35	22	0		0		0.0	0.00	30.21	30.30	1.5	23	2.1	16	24	9	22	13	
14	64	31	48	-3	29	40	17	0		0		0.0	0.00	30.25	30.37	2.9	23	3.6	17	24	12	21	14	
15	70	34	52	1	45	49	13	0		0		0.0	0.00	30.17	30.31	6.1	15	6.3	24	16	20	15	15	
16	78	65	72	21	61	64	0	7	RA	0		0.0	T	29.98	30.12	11.7	17	11.9	26	18	21	17	16	
17	77	50	64	12	58	62	1	0	RA BR	0		0.0	0.05	29.98	30.09	3.6	29	9.9	25	36	21	34	17	
18	64	39	52	0	35	44	13	0		0		0.0	0.00	30.08	30.20	1.9	05	5.8	23	36	17	36	18	
19	73	50	62	10	57	60	3	0		0		0.0	0.00	29.83	29.98	5.5	20	5.9	24	23	15	21	19	
20	81*	66	74*	22	64	67	0	9		0		0.0	0.00	29.75	29.88	8.6	20	8.9	31	21	20	19	20	
21	73	60	67	15	59	62	0	2	RA BR HZ	0		0.0	0.01	29.80	29.92	3.3	27	5.8	26	20	17	22	21	
22	79	60	70	18	64	67	0	5	RA BR	0		0.0	T	29.72	29.83	8.1	19	9.1	31	21	18	21	22	
23	70	53	62	10	45	53	3	0	BR	0		0.0	0.00	29.91	30.02	4.8	01	6.6	16	01	13	36	23	
24	69	51	60	8	54	57	5	0	RA BR	0		0.0	0.06	29.85	29.97	9.1	10	10.1	28	14	24	11	24	
25	73	54	64	12	59	61	1	0	TS TSRA RA FG BR	0		0.0	2.83	29.72	29.83	5.7	13	13.7	49*	15	41*	14	25	
26	65	49	57	5	44	51	8	0		0		0.0	0.00	29.87	29.96	7.7	30	9.1	30	31	22	30	26	
27	67	38	53	1	41	48	12	0		0		0.0	0.00	29.96	30.06	6.1	15	6.3	24	15	21	15	27	
28	65	45	55	2	36	46	10	0		0		0.0	0.00	30.21	30.30	8.6	01	8.8	30	03	21	02	28	
29	65	39	52	-1	30	42	13	0		0		0.0	0.00	30.29	30.40	2.4	09	4.4	17	06	14	10	29	
30	69	41	55	2	49	52	10	0	RA	0		0.0	0.01	30.13	30.27	6.4	13	7.2	24	13	17	16	30	
31	72	56	64	11	61	62	1	0	RA BR	0		0.0	0.96	29.99	30.13	3.8	15	5.2	16	20	13	24	31	

69.7	47.8	58.8	☼	46.8	53.0	6.9	1.0	< MONTHLY AVERAGES   TOTALS >				0.0	5.07	30.00	30.12	0.8	20	7.4	< MONTHLY AVERAGES			
6.8	4.6	5.7		<----- DEPARTURE FROM NORMAL ----->								1.69	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

<b>DEGREE DAYS</b>				<b>GREATEST 24-HR PRECIPITATION :</b> 2.85 <b>DATE :</b> 24-25				<b>SEA LEVEL PRESSURE</b>					
<b>MONTHLY</b>				<b>GREATEST 24-HR SNOWFALL :</b> 0.0 <b>DATE :</b>				<b>MAXIMUM :</b> 30.68 <b>DATE</b> 02 <b>TIME</b> 0953					
<b>TOTAL DEPARTURE</b>				<b>GREATEST SNOW DEPTH :</b> 0 <b>DATE :</b>				<b>MINIMUM :</b> 29.71 <b>DATE</b> 11 <b>TIME</b> 1753					
<b>SEASON TO DATE</b>				<b>NUMBER OF -&gt; DAYS WITH</b>				<b>MAXIMUM TEMP &gt;= 90 :</b> 0		<b>MINIMUM TEMP &lt;= 32 :</b> 3		<b>PRECIPITATION &gt;= 0.01 INCH:</b> 9	
<b>HEATING :</b> 213		<b>-172</b>		<b>733</b>		<b>-288</b>		<b>MAXIMUM TEMP &lt;= 32 :</b> 0		<b>MINIMUM TEMP &lt;= 0 :</b> 0		<b>PRECIPITATION &gt;= 0.10 INCH:</b> 4	
<b>COOLING :</b> 30		<b>15</b>		<b>30</b>		<b>15</b>		<b>THUNDERSTORMS :</b> 2		<b>HEAVY FOG :</b> 0		<b>SNOWFALL &gt;= 1.0 INCH :</b> 0	

JANUARY 2012  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
JANUARY 2012

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				T									01												01	T	T	
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													07	0.00	0.00
08													08		T	0.13										08	0.13	0.13
09													09	0.09	0.01	0.17	0.01	T								09	1.01	1.01
10	0.01	T	0.08	0.01	T		T	T	T	0.15	0.33	0.16	10											T	10	0.01	0.01	
11													11													11	0.00	0.00
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											T	T	16	T	T
17	T				T	T	T	0.02	0.03	T	T		17			T										17	0.05	0.05
18													18													18	0.00	0.00
19													19													19	0.00	0.00
20													20													20	0.00	0.00
21					0.01		T	T					21													21	0.01	0.01
22													22													22	T	T
23													23													23	0.00	0.00
24	0.02	T	T	T							0.01	T	24	0.03	T			T						T	T	24	0.06	0.06
25											0.68	1.56	25	0.51	0.03				0.03		0.01			T	T	25	2.83	2.83
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	0.01	0.01
31	0.01	T					T	T	0.06	0.01		0.02	0.08	31	0.41	0.01	0.02	T	T	0.33	0.01				0.01	31	0.96	0.96

\* 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)	0.23	0.39	0.52	0.61	0.85	1.24	1.63	2.10	2.48	2.69	2.75	2.77
Ending Date	25	25	25	25	25	25	25	25	25	25	25	25
Ending Time (Hr/Min)	1038	1045	1048	1122	1202	1146	1206	1153	1213	1233	1253	1327

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.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971-2000

## 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 JANUARY 2012

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).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. 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.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

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

## ADDITIONAL NOTES:

Date	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			Sky Cover	Satellite	Sky Cover	Satellite			
01							9.00	10.00	
02							9.00	10.00	
03							5.00	10.00	
04							9.00	10.00	
05							6.00	10.00	
06							1.00	10.00	
07							5.00	10.00	
08							0.50	10.00	
09							0.50	10.00	
10							0.50	10.00	
11							6.00	10.00	
12							10.00	10.00	
13							10.00	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							9.00	10.00	
17							2.50	10.00	
18							9.00	10.00	
19							7.00	10.00	
20							9.00	10.00	
21							2.00	10.00	
22							6.00	10.00	
23							6.00	10.00	
24							0.50	10.00	
25							0.50	10.00	
26							3.00	10.00	
27							10.00	10.00	
28							7.00	10.00	
29							10.00	10.00	
30							8.00	10.00	
31							0.75	10.00	
MONTHLY AVGS							5.86	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0					Possible : 19489				
Percent Possible : 0									
<b>NUMBER OF DAYS WITH :</b>									
SKY CONDITION									
Clear		Partly CLDY			Cloudy			Missing	
<b>MINIMUM VISIBILITY (MILES)</b>									
<= .25			<= 3.0				>= 7.0		
0			10				15		



# OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX  
JANUARY 2012

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)															
			Observation Time (LST)	Eff Cld Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)				STATION	SEA LEVEL		Observation Time (LST)	Eff Cld Amt Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL										
																												WEATHER	WEATHER								
SUNRISE: 0718						JAN 13						SUNSET: 1742						SUNRISE: 0717						JAN 19						SUNSET: 1747							
03	BKN	250			10.00						34	25	31	70	0	00	30.18	30.29	03	OVC	021			10.00						55	50	52	83	3	20	29.94	30.05
06	FEW	250			10.00						31	24	29	75	0	00	30.19	30.31	06	OVC	028			10.00						58	53	55	84	5	18	29.91	30.01
09	BKN	250			10.00						41	24	35	51	3	35	30.22	30.35	09	OVC	027			8.00						60	55	57	84	7	19	29.93	30.04
12	BKN	250			10.00						47	15	36	28	0	00	30.22	30.34	12	OVC	010			7.00						64	58	60	81	7	21	29.89	30.00
15	SCT	250			10.00						53	17	39	24	6	30	30.18	30.29	15	BKN	020			10.00						71	61	65	71	10	22	29.80	29.91
18	FEW	150			10.00						51	20	39	29	0	00	30.18	30.29	18	BKN	250			10.00						72	62	66	71	8	21	29.78	29.89
21	CLR	NC			10.00						44	25	37	47	3	22	30.22	30.34	21	BKN	030			10.00						69	64	66	84	11	20	29.81	29.91
24	CLR	NC			10.00						42	25	35	51	6	22	30.24	30.36	24	FEW	020			10.00						66	62	64	87	5	19	29.79	29.90
SUNRISE: 0718						JAN 14						SUNRISE: 0717						JAN 20						SUNSET: 1748													
03	CLR	NC			10.00						38	27	34	65	5	24	30.24	30.35	03	BKN	029			9.00						66	63	64	90	5	18	29.78	29.89
06	CLR	NC			10.00						34	27	31	76	0	00	30.26	30.37	06	OVC	025			9.00						68	65	66	90	7	19	29.77	29.88
09	FEW	250			10.00						45	33	40	63	3	26	30.30	30.42	09	OVC	020			10.00						71	66	68	84	9	19	29.81	29.91
12	FEW	250			10.00						58	29	45	33	8	25	30.30	30.42	12	BKN	035			10.00						78	63	68	60	13	21	29.78	29.89
15	FEW	250			10.00						63	26	47	25	5	22	30.22	30.33	15	BKN	130			10.00						80	61	68	52	11	19	29.72	29.83
18	FEW	250			10.00						56	28	44	34	0	00	30.22	30.33	18	BKN	130			10.00						75	64	68	69	9	19	29.71	29.82
21	FEW	250			10.00						48	30	40	50	6	15	30.26	30.37	21	BKN	022			10.00						73	66	69	79	10	20	29.74	29.85
24	CLR	NC			10.00						41	33	38	73	0	00	30.26	30.37	24	OVC	018			10.00						73	65	68	76	13	21	29.77	29.88
SUNRISE: 0718						JAN 15						SUNRISE: 0717						JAN 21						SUNSET: 1749													
03	CLR	NC			10.00						39	33	37	79	0	00	30.24	30.35	03	OVC	016			10.00						72	66	68	82	8	22	29.77	29.88
06	CLR	NC			10.00						35	32	34	89	0	00	30.24	30.35	06	OVC	007			6.00	BR					69	67	68	93	7	22	29.78	29.89
09	BKN	250			10.00						43	39	41	86	0	00	30.27	30.38	09	OVC	005			2.00	BR					69	67	68	93	0	00	29.84	29.94
12	SCT	250			10.00						66	50	57	57	16	17	30.24	30.35	12	BKN	250			7.00						70	62	65	76	8	30	29.85	29.96
15	BKN	130			10.00						68	51	59	55	14	17	30.14	30.27	15	OVC	041			10.00						72	54	62	53	7	30	29.81	29.91
18	OVC	050			10.00						63	53	57	70	13	13	30.13	30.24	18	OVC	035			10.00						65	51	57	61	3	31	29.80	29.91
21	OVC	050			10.00						61	55	58	81	6	14	30.14	30.26	21	SCT	039			10.00						61	48	54	63	3	01	29.82	29.93
24	OVC	055			10.00						65	57	60	75	9	16	30.13	30.24	24	OVC	027			10.00						60	49	54	67	0	00	29.79	29.90
SUNRISE: 0718						JAN 16						SUNRISE: 0716						JAN 22						SUNSET: 1750													
03	OVC	070			10.00						65	60	62	84	9	16	30.09	30.19	03	OVC	011			10.00						61	51	56	70	6	15	29.74	29.85
06	OVC	047			10.00						66	61	63	84	11	16	30.05	30.16	06	OVC	006			6.00	BR					69	65	66	87	5	17	29.71	29.82
09	SCT	250			10.00						68	62	64	81	11	18	30.06	30.18	09	OVC	018			9.00						72	67	69	84	10	18	29.73	29.84
12	BKN	250			10.00						75	62	67	64	14	19	30.03	30.14	12	OVC	030			9.00						74	67	69	79	15	17	29.71	29.82
15	OVC	055			10.00						76	62	67	62	17	18	29.94	30.05	15	BKN	031			10.00						78	65	70	64	13	20	29.66	29.77
18	OVC	040			10.00						72	64	67	76	13	17	29.93	30.03	18	BKN	250			10.00						76	65	69	69	11	20	29.69	29.79
21	OVC	023			10.00						70	65	67	84	13	16	29.96	30.07	21	SCT	250			10.00						72	65	68	79	7	21	29.75	29.85
24	OVC	012			9.00						70	66	67	87	10	17	29.93	30.04	24	OVC	011			8.00						71	66	68	84	7	25	29.81	29.92
SUNRISE: 0718						JAN 17						SUNRISE: 0716						JAN 23						SUNSET: 1751													
03	OVC	020			10.00						71	67	68	87	7	18	29.89	30.00	03	OVC	035			7.00						65	63	64	93	5	30	29.85	29.96
06	OVC	026			10.00						71	67	68	87	6	19	29.90	30.01	06	OVC	033			10.00						58	43	50	58	8	34	29.90	30.01
09	BKN	065			3.00						70	67	68	90	6	25	29.98	30.09	09	OVC	250			10.00						57	41	49	55	9	01	29.97	30.07
12	BKN	070			10.00						74	66	69	76	13	21	29.95	30.06	12	OVC	250			10.00						65	42	53	43	9	36	29.97	30.08
15	BKN	075			10.00						76	66	70	71	5	26	29.92	30.02	15	OVC	250			10.00						69	42	55	38	3	VR	29.90	30.01
18	BKN	250			10.00						69	51	59	53	16	34	29.97	30.08	18	BKN	250			10.00						63	43	53	48	6	02	29.90	30.01
21	FEW	250			10.00						56	37	47	49	17	34	30.08	30.19	21	SCT	250			10.00						57	44	50	62	3	05	29.92	30.03
24	CLR	NC			10.00						50	32	42	50	14	35	30.14	30.24	24	FEW	250			10.00						53	43	48	69	5	06	29.90	30.01
SUNRISE: 0717						JAN 18						SUNRISE: 0716						JAN 24						SUNSET: 1752													
03	CLR	NC			10.00						45	29	38	54	9	36	30.14	30.26	03	SCT	049			10.00						54	44	49	69	5	03	29.91	30.01
06	CLR	NC			10.00						41	28	36	60	6	35	30.18	30.29	06	OVC	043			10.00						57	44	50	62	9	09	29.91	30.02
09	FEW	250			10.00						44	29	38	56	8	03	30.19	30.30	09	OVC	090			10.00						60	44	52	56	8	08	29.93	30.04
12	CLR	NC			10.00						56	31	45	39	3	10	30.14	30.25	12	OVC	033			10.00						61	55	58	81	11	10	29.90	30.01
15	FEW	250			10.00						63	33	49	33	0	00																					

# OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX  
JANUARY 2012

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)				
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
														WEATHER
<b>SUNRISE: 0715      JAN 25      SUNSET: 1752</b>														
03	OVC	009			3.00	-RA	70	67	68	90	15	12	29.65	29.76
06	OVC	025			10.00		70	65	67	84	24	13	29.66	29.76
09	OVC	016			10.00		71	65	67	81	24	15	29.70	29.81
12	OVC	020			0.50	TS+RA FG	61	59	60	93	7	06	29.72	29.83
15	OVC	100			8.00		63	60	61	90	5	33	29.62	29.73
18	OVC	017			2.00	-RA BR	59	56	57	90	11	31	29.72	29.83
21	OVC	011			10.00		56	52	54	87	11	29	29.80	29.91
24	BKN	012			10.00		54	48	51	80	5	33	29.79	29.90
<b>SUNRISE: 0715      JAN 26      SUNSET: 1753</b>														
03	FEW	012			10.00		53	48	50	83	7	27	29.81	29.92
06	BKN	028			10.00		53	47	50	80	9	28	29.82	29.93
09	OVC	022			10.00		53	47	50	80	7	29	29.86	29.97
12	BKN	027			10.00		59	47	53	65	13	30	29.85	29.96
15	SCT	045			10.00		63	46	54	54	11	30	29.81	29.92
18	FEW	045			10.00		61	38	50	43	7	30	29.87	29.98
21	CLR	NC			10.00		53	37	46	55	6	28	29.91	30.02
24	CLR	NC			10.00		50	36	44	59	7	29	29.98	30.09
<b>SUNRISE: 0714      JAN 27      SUNSET: 1754</b>														
03	CLR	NC			10.00		43	38	41	83	0	00	29.98	30.09
06	CLR	NC			10.00		40	37	39	89	0	00	29.98	30.10
09	CLR	NC			10.00		53	39	46	59	3	16	30.00	30.11
12	CLR	NC			10.00		64	29	48	27	16	14	29.98	30.09
15	CLR	NC			10.00		66	40	53	39	14	14	29.90	30.01
18	FEW	250			10.00		63	45	54	52	9	17	29.91	30.02
21	FEW	250			10.00		56	48	52	75	0	00	29.96	30.07
24	CLR	NC			10.00		54	50	52	86	5	16	29.98	30.09
<b>SUNRISE: 0714      JAN 28      SUNSET: 1755</b>														
03	CLR	NC			7.00		51	48	49	90	3	34	30.03	30.14
06	SCT	035			10.00		53	46	49	77	11	36	30.11	30.22
09	CLR	NC			10.00		54	37	46	53	15	02	30.19	30.31
12	FEW	250			10.00		63	30	48	29	15	02	30.22	30.34
15	FEW	250			10.00		65	31	49	28	15	36	30.19	30.31
18	FEW	250			10.00		59	28	45	31	10	02	30.24	30.35
21	FEW	250			10.00		52	30	43	43	6	01	30.29	30.40
24	CLR	NC			10.00		46	31	40	56	0	00	30.29	30.42
<b>SUNRISE: 0713      JAN 29      SUNSET: 1756</b>														
03	CLR	NC			10.00		43	29	37	58	5	02	30.30	30.42
06	CLR	NC			10.00		41	28	36	60	6	04	30.32	30.44
09	FEW	250			10.00		47	30	40	52	6	06	30.35	30.46
12	SCT	250			10.00		59	25	45	27	7	11	30.37	30.48
15	SCT	250			10.00		64	23	46	21	3	VR	30.27	30.38
18	SCT	250			10.00		59	28	45	31	6	16	30.24	30.36
21	FEW	250			10.00		52	35	44	53	6	17	30.26	30.37
24	CLR	NC			10.00		44	38	41	80	0	00	30.24	30.36
<b>SUNRISE: 0713      JAN 30      SUNSET: 1757</b>														
03	FEW	250			10.00		41	37	39	86	0	00	30.22	30.33
06	FEW	250			10.00		42	39	41	89	3	36	30.19	30.31
09	BKN	250			9.00		50	46	48	86	7	12	30.21	30.32
12	BKN	250			10.00		67	53	59	61	11	14	30.19	30.30
15	OVC	250			10.00		68	54	60	61	11	13	30.11	30.22
18	OVC	250			10.00		63	55	58	75	14	13	30.08	30.19
21	SCT	250			10.00		60	56	58	87	6	14	30.10	30.21
24	OVC	130			9.00	-RA	59	57	58	93	6	11	30.09	30.19

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)				
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL	
														WEATHER
<b>SUNRISE: 0712      JAN 31      SUNSET: 1758</b>														
03	BKN	085			6.00	BR	57	56	56	96	0	00	30.03	30.15
06	BKN	110			8.00		59	58	58	97	7	12	30.02	30.13
09	OVC	055			0.75	BR	61	59	60	93	6	11	30.05	30.16
12	OVC	080			2.00	-RA BR	67	65	66	93	8	12	30.02	30.13
15	BKN	060			10.00		71	66	68	84	6	18	29.95	30.06
18	OVC	025			5.00	-RA BR	67	65	66	93	3	18	29.96	30.06
21	OVC	019			7.00		68	66	67	93	6	17	30.00	30.11
24	OVC	004			2.00	BR	68	66	67	93	6	16	30.00	30.11

## 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

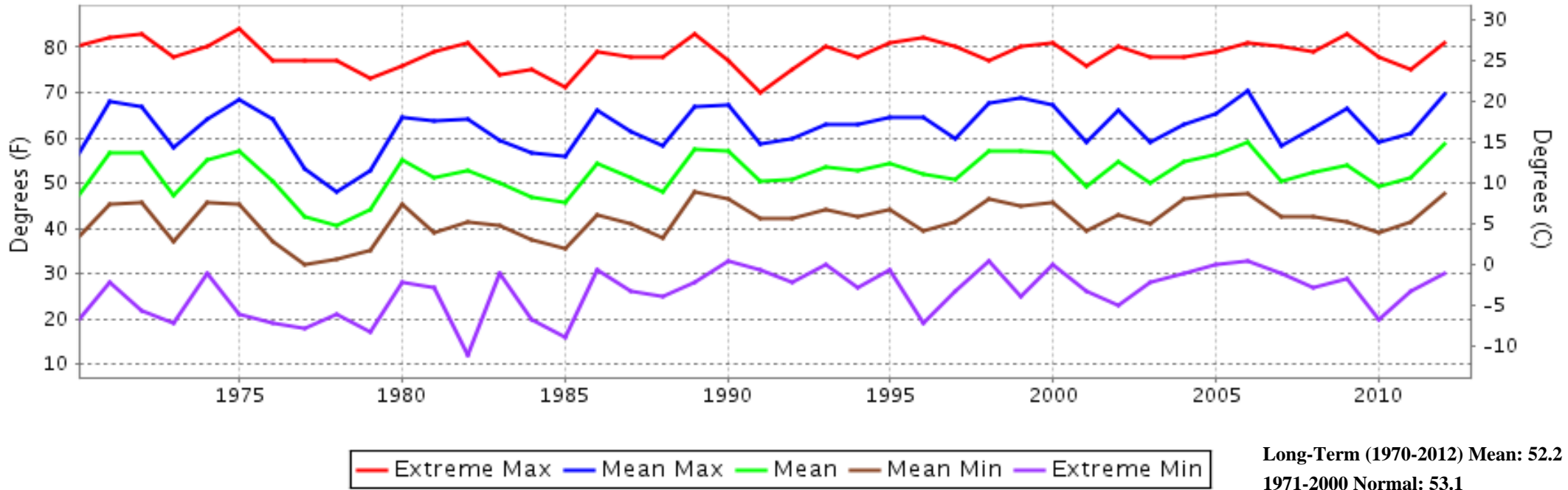
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

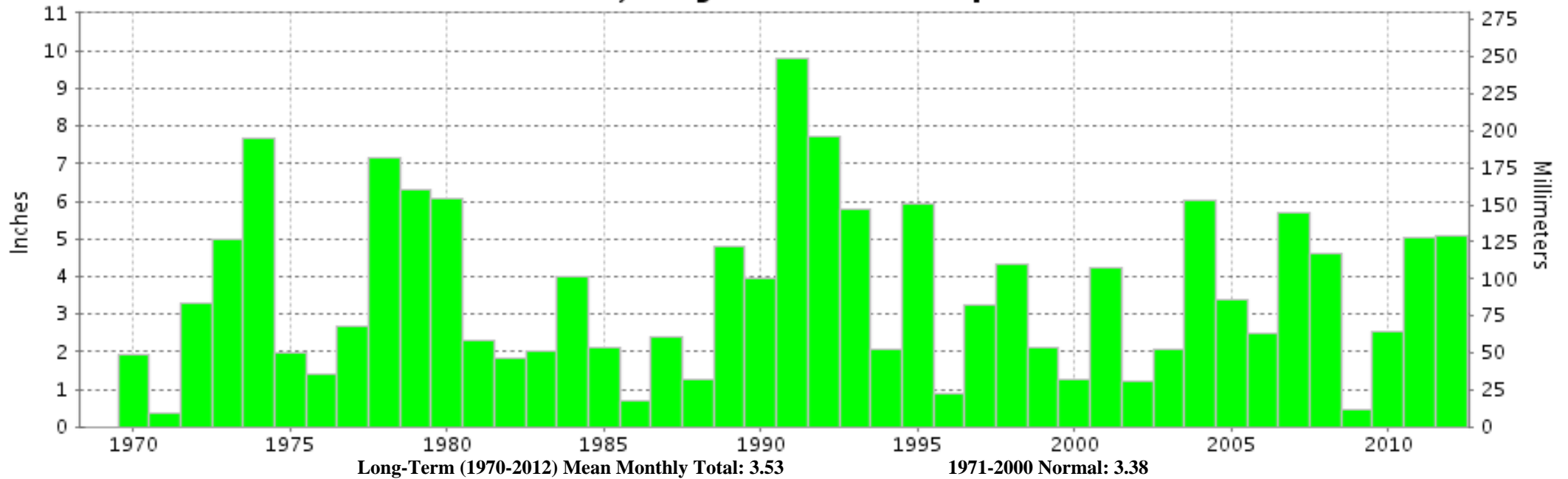
## SUMMARY BY HOUR

HOUR (LST)	AVERAGES										RESULTANT WIND (MPH)	
	CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
							STATION	SEA LEVEL				
01			55	48	52	77	30.00	30.11	8.88	6	1	19
02			55	48	51	78	30.01	30.12	8.95	6	2	22
03			54	48	51	79	30.00	30.11	8.89	5	2	23
04			54	47	51	79	30.00	30.11	9.00	6	2	21
05			53	47	50	80	30.01	30.12	9.23	6	2	20
06			53	46	50	79	30.01	30.12	9.35	7	1	16
07			53	46	49	78	30.02	30.13	8.98	6	1	19
08			53	46	50	77	30.04	30.15	8.61	6	1	18
09			56	47	53	73	30.04	30.15	8.83	8	2	14
10			60	47	54	65	30.07	30.18	8.69	9	2	14
11			62	46	55	61	30.05	30.16	8.69	10	1	15
12			64	46	55	56	30.04	30.15	8.98	10	1	21
13			65	46	56	53	30.01	30.12	9.07	10	2	24
14			67	46	56	52	29.98	30.09	9.47	10	1	22
15			67	46	57	50	29.97	30.08	9.47	10	2	23
16			67	46	56	51	29.97	30.08	9.63	10	1	22
17			66	46	56	52	29.97	30.08	9.63	9	1	18
18			63	46	55	58	29.98	30.09	9.02	7	1	16
19			61	47	54	64	29.99	30.10	9.60	7	1	14
20			59	47	53	67	30.00	30.11	9.32	7	1	15
21			58	47	53	69	30.00	30.11	9.29	7	1	19
22			58	48	53	71	30.01	30.12	9.13	6	1	19
23			57	48	53	74	30.01	30.12	8.90	5	1	20
24			56	48	52	76	30.01	30.12	8.55	6	2	22

## HOUSTON, TX JANUARY Temperatures



## HOUSTON, TX JANUARY Precipitation





JANUARY 2012  
HOUSTON, TX

# LOCAL CLIMATOLOGICAL DATA

## NOAA, National Climatic Data Center

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