



FEBRUARY 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	79	67	73	20	66	68	0	8	RA BR	0		0.0	0.04	29.96	30.08	3.5	20	4.9	15	25	13	15	01	
02	74	67	71	18	65	66	0	6	RA BR	0		0.0	T	29.93	30.06	7.2	13	7.6	22	14	18	14	02	
03	76	67	72	19	67	68	0	7	TS TSRA RA BR	0		0.0	0.68	29.87	29.99	8.2	15	8.7	24	16	20	14	03	
04	72	54	63	10	57	59	2	0	TS TSRA RA BR	0		0.0	1.07	29.99	30.08	6.6	34	9.6	28	34	23	35	04	
05	54	47	51	-2	40	46	14	0	RA	0		0.0	T	30.16	30.25	14.1	36	14.4	33	36	23	36	05	
06	61	43	52	-2	39	46	13	0		0		0.0	0.00	30.11	30.24	4.6	36	5.9	18	01	15	02	06	
07	65	49	57	3	44	50	8	0	RA	0		0.0	T	30.11	30.22	3.4	02	4.3	13	01	10	04	07	
08	64	48	56	2	42	48	9	0		0		0.0	0.00	30.22	30.33	8.4	01	8.7	25	03	18	35	08	
09	59	43	51	-3	41	47	14	0	RA	0		0.0	0.10	30.11	30.25	3.4	08	6.1	17	12	13	10	09	
10	60	47	54	0	47	50	11	0	RA BR	0		0.0	0.95	30.03	30.15	4.4	34	5.6	30	01	21	35	10	
11	55	38	47	-8	28	39	18	0		0		0.0	0.00	30.30	30.40	11.0	01	11.8	30	01	22	36	11	
12	45	34*	40*	-15	21	34	25	0	RA	0		0.0	0.01	30.30	30.44	8.7	08	10.4	23	04	20	04	12	
13	60	43	52	-3	45	48	13	0	RA MIFG BR	0		0.0	0.47	29.84	30.00	5.1	08	6.0	20	11	16	10	13	
14	71	45	58	3	50	53	7	0	FG+ FG BR	0		0.0	0.00	29.85	29.97	5.5	13	5.7	18	12	15	13	14	
15	71	58	65	10	62	63	0	0	RA FG+ FG MIFG BR	0		0.0	0.41	29.83	29.94	4.4	14	6.0	22	16	17	15	15	
16	69	56	63	7	56	59	2	0	FG+ FG BR	0		0.0	0.00	29.98	30.09	4.0	02	4.7	15	04	12	04	16	
17	64	55	60	4	55	57	5	0	RA BR	0		0.0	0.36	29.88	30.02	6.4	07	7.2	15	12	13	10	17	
18	63	52	58	2	54	56	7	0	TS TSRA RA BR	0		0.0	1.89	29.71	29.82	5.9	02	10.5	28	01	25	01	18	
19	64	50	57	1	45	50	8	0		0		0.0	0.00	29.96	30.07	5.1	35	8.4	30	36	23	35	19	
20	66	46	56	0	51	54	9	0		0		0.0	0.00	29.96	30.08	6.8	13	7.6	22	13	18	14	20	
21	75	53	64	7	55	58	1	0	FG BR	0		0.0	0.00	29.96	30.09	2.2	16	4.6	17	17	13	17	21	
22	81	63	72	15	63	66	0	7	RA	0		0.0	T	29.70	29.84	6.6	22	7.4	23	22	16	21	22	
23	82	69	76	19	66	68	0	11	BR HZ	0		0.0	0.00	29.52	29.66	9.7	21	9.9	24	18	17	18	23	
24	73	54	64	7	31	47	1	0	BR HZ	0		0.0	0.00	30.03	30.08	15.1	36	16.0	45*	36	36*	36	24	
25	60	43	52	-6	30	43	13	0		0		0.0	0.00	30.21	30.31	1.5	03	5.6	16	22	13	01	25	
26	67	39	53	-5	45	50	12	0		0		0.0	0.00	30.06	30.18	6.5	14	7.0	21	15	16	14	26	
27	71	59	65	7	56	59	0	0	RA	0		0.0	T	30.08	30.20	8.7	08	9.2	22	09	16	09	27	
28	77	61	69	11	63	65	0	4	FG+ FG BR	0		0.0	0.00	29.95	30.08	9.2	15	10.2	24	16	18	17	28	
29	84*	71	78*	20	65	69	0	13		0		0.0	0.00	29.86	29.99	6.4	19	7.0	22	20	16	23	29	

67.7			52.4			60.1			☼	50.0		54.7		6.6		1.9		< MONTHLY AVERAGES TOTALS >				0.0		5.98		29.98		30.10		2.1		06		8.0		< MONTHLY AVERAGES			
1.4			5.9			3.7				<-----DEPARTURE FROM NORMAL----->										2.78		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																	
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 2.23 DATE : 17-18										SEA LEVEL PRESSURE				DATE TIME															
MONTHLY					SEASON TO DATE					GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.56				12 0853																				
TOTAL DEPARTURE					TOTAL DEPARTURE					GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.57				23 1718																				
HEATING :		192		-72		925		-394		NUMBER OF -> DAYS WITH		MAXIMUM TEMP >= 90 :		0		MINIMUM TEMP <= 32 :		0		PRECIPITATION >= 0.01 INCH :		10																	
COOLING :		56		33		86		50		THUNDERSTORMS :		3		HEAVY FOG :		4		PRECIPITATION >= 0.10 INCH :		8																			
																				SNOWFALL >= 1.0 INCH :		0																	

FEBRUARY 2012
HOUSTON, TX

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
FEBRUARY 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	T			0.01	0.01	0.02		01												01	0.04	0.04	
02													02												02	T	T	
03	0.02	0.05	0.09	0.02			T	0.01	0.01				03			0.01	0.45	0.01	T					03	0.68	0.68		
04	T	T	T		T	0.17	0.22	0.46	0.09	0.06	0.07		04	T	T		T						0.01	04	1.07	1.07		
05	T												05											05	T	T		
06													06											06	0.00	0.00		
07													07											07	T	T		
08				T									08											08	0.00	0.00		
09													09								T	T	0.06	0.04	09	0.10	0.10	
10		0.05	0.05	0.04	0.04	0.04	0.20	0.20	0.16	0.14	0.03		10		T									10	0.95	0.95		
11													11											11	0.00	0.00		
12													12						T	T				12	0.01	0.01		
13	T							T	T	0.02	0.02	0.16	13	0.20	0.07	T							0.01	13	0.47	0.47		
14													14											14	0.00	0.00		
15	T	T						T	T	0.01		T	0.01	15	0.01	0.06	0.03	T	0.08	0.21				15	0.41	0.41		
16													16											16	0.00	0.00		
17										0.01	T		17			T	0.14	0.14	0.01				0.04	0.02	17	0.36	0.36	
18	T		0.02	0.08	0.15	1.11	0.10	0.22	0.14	0.05	0.01	T	18			0.01							T	T	18	1.89	1.89	
19													19											T	T	19	0.00	0.00
20													20												20	0.00	0.00	
21													21												21	0.00	0.00	
22												T	22												22	T	T	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25												25	0.00	0.00	
26													26												26	0.00	0.00	
27												T	27	T											27	T	T	
28													28												28	0.00	0.00	
29													29												29	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)	0.45	0.74	0.86	0.94	1.00	1.13	1.19	1.23	1.27	1.30	1.48	1.52
Ending Date	18	18	18	18	18	18	18	18	18	18	18	18
Ending Time (Hr/Min)	0529	0530	0534	0539	0545	0539	0551	0612	0634	0654	0723	0733

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 1981-2010

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 FEBRUARY 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							0.25	10.00	
02							0.50	10.00	
03							1.50	10.00	
04							2.00	10.00	
05							5.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							7.00	10.00	
10							0.50	10.00	
11							8.00	10.00	
12							10.00	10.00	
13							0.25	10.00	
14							0.25	10.00	
15							0.25	10.00	
16							0.25	10.00	
17							0.25	10.00	
18							0.50	10.00	
19							8.00	10.00	
20							7.00	10.00	
21							2.00	10.00	
22							6.00	10.00	
23							2.00	10.00	
24							7.00	10.00	
25							8.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							0.25	10.00	
29							7.00	10.00	
MONTHLY AVGS							4.61	10.00	
SUNSHINE (Minutes)									
Total : 0 Possible : 18712									
Percent Possible : 0									
NUMBER OF DAYS WITH :									
SKY CONDITION									
Clear Partly CLDY Cloudy Missing									
MINIMUM VISIBILITY (MILES)									
<= .25 <= 3.0 >= 7.0									
7 14 13									

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX FEBRUARY 2012

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)				
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION				SEA LEVEL	Observation Time (LST)			Eff Cld Amt Oktas	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL	
																														Observation Time (LST)
SUNRISE: 0712 FEB 01							SUNSET: 1758							SUNRISE: 0708 FEB 07							SUNSET: 1803									
03	OVC	005			1.00	BR	69	66	67	90	3	20	29.97	30.08	03	BKN	050			10.00			51	45	48	80	0	00	30.09	30.20
06	OVC	013			5.00	BR	69	66	67	90	0	00	29.97	30.08	06	BKN	085			10.00			51	44	48	77	3	02	30.06	30.17
09	OVC	032			1.50	BR	69	67	68	93	0	00	30.00	30.11	09	OVC	130			10.00			53	45	49	74	5	03	30.11	30.23
12	BKN	120			10.00		74	67	69	79	7	26	30.00	30.11	12	OVC	080			10.00			58	44	51	60	0	00	30.11	30.23
15	BKN	120			10.00		79	64	69	60	13	23	29.91	30.02	15	SCT	250			10.00			63	44	53	50	5	VR	30.03	30.15
18	OVC	250			10.00		74	66	69	76	0	00	29.93	30.04	18	BKN	250			10.00			61	45	53	56	9	04	30.09	30.20
21	SCT	250			10.00		69	66	67	90	9	18	29.98	30.09	21	OVC	250			10.00			57	44	50	62	6	35	30.16	30.28
24	OVC	002			0.25	BR	69	67	68	93	6	18	29.98	30.10	24	BKN	250			10.00			52	44	48	74	3	35	30.19	30.30
SUNRISE: 0711 FEB 02							SUNSET: 1759							SUNRISE: 0707 FEB 08							SUNSET: 1804									
03	OVC	004			2.00		69	66	67	90	0	00	29.97	30.08	03	BKN	250			10.00			51	44	48	77	6	35	30.19	30.31
06	OVC	004			1.25	BR	68	65	66	90	0	00	29.97	30.08	06	BKN	250			10.00			49	44	47	83	8	35	30.24	30.35
09	OVC	004			0.50	BR	68	66	67	93	6	12	30.00	30.11	09	OVC	250			10.00			51	44	48	77	9	01	30.29	30.41
12	OVC	010			8.00		68	65	66	90	8	12	29.97	30.08	12	BKN	250			10.00			59	42	51	54	10	02	30.27	30.39
15	OVC	070			10.00		73	65	68	76	16	14	29.90	30.01	15	BKN	250			10.00			62	41	51	46	16	36	30.19	30.30
18	OVC	075			10.00		69	64	66	84	16	14	29.91	30.01	18	BKN	250			10.00			58	40	49	51	13	02	30.18	30.29
21	OVC	014			10.00		67	63	65	87	11	13	29.93	30.04	21	BKN	250			10.00			53	39	46	59	7	02	30.21	30.32
24	OVC	004			10.00		67	65	66	93	8	14	29.92	30.02	24	BKN	250			10.00			50	40	45	69	5	34	30.22	30.33
SUNRISE: 0710 FEB 03							SUNSET: 1800							SUNRISE: 0706 FEB 09							SUNSET: 1804									
03	OVC	016			4.00	TS	68	66	67	93	0	00	29.87	29.98	03	BKN	250			10.00			47	40	44	77	10	36	30.19	30.30
06	OVC	017			4.00	BR	68	66	67	93	6	13	29.88	29.98	06	BKN	150			10.00			44	38	41	80	6	01	30.19	30.30
09	BKN	070			2.00	-RA BR	69	67	68	93	10	15	29.94	30.04	09	BKN	250			10.00			48	40	44	74	7	04	30.21	30.32
12	BKN	100			10.00		74	66	69	76	16	14	29.88	29.99	12	BKN	250			10.00			57	40	49	53	5	11	30.19	30.30
15	SCT	047			10.00		74	67	69	79	8	16	29.84	29.95	15	OVC	250			10.00			58	38	48	48	7	11	30.10	30.21
18	BKN	100			8.00	-RA	71	68	69	90	5	18	29.86	29.96	18	OVC	150			10.00			55	39	47	55	7	11	30.06	30.17
21	BKN	020			10.00		70	67	68	90	7	14	29.89	30.00	21	OVC	100			10.00	-RA		54	46	50	75	7	13	30.05	30.16
24	OVC	012			6.00	-RA BR	70	67	68	90	5	12	29.90	30.00	24	OVC	085			7.00	-RA		51	48	49	90	0	00	30.06	30.17
SUNRISE: 0710 FEB 04							SUNSET: 1800							SUNRISE: 0706 FEB 10							SUNSET: 1805									
03	BKN	030			10.00		72	68	69	87	7	18	29.86	29.96	03	OVC	006			2.00	-RA BR		51	49	50	93	6	03	30.02	30.13
06	OVC	048			6.00	-RA BR	71	68	69	90	0	00	29.88	29.99	06	OVC	032			3.00	-RA BR		51	49	50	93	6	03	30.00	30.11
09	OVC	070			7.00		64	61	62	90	11	34	29.96	30.06	09	OVC	070			2.00	RA BR		51	49	50	93	0	00	30.03	30.15
12	OVC	060			10.00		62	56	59	81	11	35	30.01	30.12	12	OVC	120			10.00			56	51	53	83	3	VR	30.03	30.14
15	OVC	014			10.00		60	53	56	78	13	34	30.00	30.10	15	OVC	100			10.00			59	50	54	72	15	34	29.98	30.09
18	BKN	200			10.00		60	50	55	70	8	36	30.02	30.13	18	FEW	025			10.00			57	44	50	62	10	35	30.01	30.12
21	SCT	150			10.00		57	48	52	72	13	34	30.06	30.17	21	CLR	NC			10.00			52	42	47	69	0	00	30.09	30.20
24	BKN	150			10.00		54	45	49	72	13	35	30.10	30.20	24	CLR	NC			10.00			50	41	46	71	14	34	30.14	30.25
SUNRISE: 0709 FEB 05							SUNSET: 1801							SUNRISE: 0705 FEB 11							SUNSET: 1806									
03	OVC	048			10.00		52	41	47	66	15	36	30.11	30.22	03	CLR	NC			10.00			45	37	41	74	15	35	30.19	30.30
06	BKN	120			10.00		49	39	44	69	15	36	30.13	30.24	06	CLR	NC			10.00			39	32	36	76	10	36	30.22	30.33
09	OVC	140			10.00		48	37	43	66	15	36	30.19	30.30	09	FEW	250			10.00			41	28	36	60	14	01	30.32	30.42
12	OVC	065			10.00		49	37	44	63	15	35	30.19	30.31	12	FEW	250			10.00			50	27	41	41	7	36	30.34	30.45
15	OVC	100			10.00		52	38	45	59	15	35	30.11	30.23	15	SCT	250			10.00			55	26	43	33	14	03	30.27	30.38
18	BKN	250			10.00		51	38	45	61	11	34	30.14	30.25	18	BKN	250			10.00			50	23	39	35	9	03	30.30	30.42
21	FEW	090			10.00		49	38	44	66	7	35	30.18	30.29	21	FEW	250			10.00			46	24	37	42	7	02	30.38	30.50
24	OVC	080			10.00		49	38	44	66	11	01	30.19	30.30	24	FEW	250			10.00			42	19	34	40	18	04	30.37	30.49
SUNRISE: 0708 FEB 06							SUNSET: 1802							SUNRISE: 0704 FEB 12							SUNSET: 1807									
03	OVC	085			10.00		47	36	42	66	10	36	30.16	30.27	03	BKN	250			10.00			38	19	31	46	13	03	30.43	30.55
06	CLR	NC			10.00		43	36	40	76	7	35	30.18	30.29	06	SCT	250			10.00			35	17	29	48	11	05	30.42	30.54
09	OVC	250			10.00		45	36	41	71	9	36	30.22	30.33	09	BKN	250			10.00			37	16	30	42	10	07	30.45	30.56
12	BKN	250			10.00		54	38	46	55	3	VR	30.16	30.28	12	BKN	250			10.00			42	17	33	36	8	10	30.40	30.51
15	BKN	250			10.00		60	39	50	46	3	24	30.09	30.19	15	BKN	250			10.00			44	19	35	37	8	15	30.29	30.41
18	BKN	250			10.00		58	40	49	51	5	32	30.06	30.18	18	BKN	250			10.00			44	24	36	45	7	12	30.26	30.37
21	BKN	100			10.00		55	42	49	62	6	05	30.06	30.17	21	OVC	075			10.00	-RA		44	25	37	47	9	12	30.22	30.34
24	BKN	250			10.00		52	42	47	69	0	00	30.09	30.20	24	OVC	060			10.00			43	31	38	63	7	11	30.16	30.27

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX FEBRUARY 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		DRY BULB	DEW POINT	WET BULB		RELATIVE HUMIDITY (PCT)	STATION				SEA LEVEL	Observation Time (LST)		Eff Cld Amt Oktas	DRY BULB	DEW POINT		WET BULB	RELATIVE HUMIDITY (PCT)	STATION	SEA LEVEL			
			VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		STATION	SEA LEVEL				VISIBILITY (MILES)	DRY BULB		DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)		STATION	SEA LEVEL					
SUNRISE: 0703 FEB 13						SUNSET: 1808						SUNRISE: 0658 FEB 19						SUNSET: 1812										
03	OVC	060				44	34	40	68	11	09	30.03	30.15	03	OVC	028			10.00		51	43	47	74	13	32	29.91	30.02
06	OVC	021				46	37	42	71	8	07	29.98	30.09	06	OVC	017			10.00		50	44	47	80	13	35	29.95	30.06
09	OVC	029			-RA BR	48	43	46	83	10	10	29.92	30.03	09	OVC	021			10.00		51	41	46	69	20	35	30.01	30.12
12	OVC	005			+RA BR	52	50	51	93	8	06	29.84	29.95	12	SCT	250			10.00		58	43	50	58	7	36	30.01	30.12
15	OVC	005			BR	56	53	54	90	0	00	29.77	29.88	15	SCT	250			10.00		63	43	53	48	3	VR	29.94	30.05
18	OVC	014				59	55	57	87	0	00	29.76	29.87	18	BKN	250			10.00		59	46	52	62	3	21	29.94	30.05
21	BKN	015				57	52	54	83	3	32	29.81	29.92	21	SCT	250			10.00		55	46	50	72	5	17	29.97	30.08
24	SCT	002			BR	48	46	47	93	0	00	29.82	29.93	24	CLR	NC			9.00		50	46	48	86	0	00	29.98	30.10
SUNRISE: 0702 FEB 14						SUNSET: 1808						SUNRISE: 0657 FEB 20						SUNSET: 1813										
03	VV	001			FG	46	44	45	93	0	00	29.83	29.94	03	CLR	NC			7.00		46	44	45	93	5	09	29.96	30.07
06	OVC	004			BR	49	47	48	93	0	00	29.84	29.95	06	BKN	034			10.00		50	47	48	90	10	10	29.95	30.06
09	OVC	005			BR	54	52	53	93	0	00	29.89	30.00	09	OVC	250			10.00		54	48	51	80	9	11	30.00	30.11
12	SCT	250				63	55	58	75	5	10	29.89	30.00	12	OVC	250			10.00		64	52	57	65	11	16	30.00	30.11
15	SCT	250				70	53	60	55	13	12	29.82	29.93	15	OVC	250			10.00		63	54	58	73	13	13	29.95	30.06
18	SCT	250				65	54	59	68	9	12	29.81	29.92	18	OVC	045			10.00		63	55	58	75	11	14	29.94	30.05
21	BKN	250				59	52	55	78	11	14	29.87	29.98	21	BKN	045			10.00		59	55	57	87	5	14	30.00	30.11
24	BKN	055				57	53	55	87	6	12	29.88	29.98	24	BKN	250			8.00		56	54	55	93	0	00	30.01	30.12
SUNRISE: 0701 FEB 15						SUNSET: 1809						SUNRISE: 0656 FEB 21						SUNSET: 1814										
03	OVC	007				60	57	58	90	7	13	29.83	29.93	03	BKN	250			5.00	BR	54	53	53	96	0	00	30.00	30.11
06	OVC	005			BR	64	62	63	93	9	13	29.82	29.93	06	OVC	011			5.00	BR	56	54	55	93	5	01	30.03	30.14
09	OVC	003			BR	65	64	64	97	10	12	29.84	29.95	09	OVC	021			10.00		60	54	57	81	5	05	30.06	30.18
12	OVC	007			-RA BR	68	66	67	93	13	16	29.81	29.91	12	BKN	250			10.00		68	58	62	71	0	00	30.03	30.15
15	OVC	013			BR	71	68	69	90	7	19	29.76	29.87	15	SCT	250			10.00		74	55	63	52	6	VR	29.96	30.06
18	OVC	040				67	65	66	93	0	00	29.81	29.91	18	BKN	250			10.00		71	54	61	55	6	19	29.92	30.03
21	BKN	250				64	62	63	93	0	00	29.87	29.98	21	BKN	250			10.00		64	58	60	81	7	17	29.93	30.03
24	VV	002			FG	59	58	58	97	0	00	29.93	30.04	24	OVC	008			10.00		63	59	61	87	7	17	29.90	30.00
SUNRISE: 0700 FEB 16						SUNSET: 1810						SUNRISE: 0655 FEB 22						SUNSET: 1815										
03	VV	001			FG	60	58	59	93	5	35	29.93	30.04	03	OVC	016			10.00		65	61	63	87	5	20	29.85	29.96
06	VV	002			FG	58	56	57	93	0	00	29.97	30.08	06	OVC	011			10.00		67	63	65	87	9	21	29.82	29.93
09	OVC	250				60	56	58	87	7	35	30.03	30.15	09	OVC	013			10.00		68	64	66	87	7	22	29.81	29.92
12	OVC	250				65	54	59	68	5	33	30.06	30.17	12	OVC	024			10.00		72	65	68	79	8	25	29.78	29.89
15	OVC	250				69	54	60	59	6	01	29.97	30.08	15	BKN	250			10.00		80	62	69	54	11	23	29.66	29.76
18	OVC	250				66	57	61	73	7	02	29.96	30.07	18	BKN	250			10.00		78	61	67	56	6	23	29.62	29.73
21	BKN	120				62	56	59	81	6	04	29.98	30.10	21	BKN	250			10.00		72	66	68	82	6	19	29.60	29.71
24	OVC	050				60	55	57	84	5	02	29.98	30.10	24	OVC	012			9.00		70	65	67	84	6	21	29.62	29.72
SUNRISE: 0660 FEB 17						SUNSET: 1811						SUNRISE: 0654 FEB 23						SUNSET: 1815										
03	BKN	250				56	53	54	90	6	05	29.96	30.07	03	OVC	012			8.00		70	65	67	84	9	21	29.56	29.67
06	BKN	130				56	52	54	87	7	03	29.93	30.04	06	OVC	006			6.00	BR	69	65	66	87	10	21	29.55	29.66
09	OVC	045				57	51	54	80	6	06	29.98	30.10	09	OVC	006			2.00	BR	70	66	67	87	10	21	29.57	29.68
12	OVC	033				61	54	57	78	11	09	29.95	30.06	12	OVC	070			10.00		73	66	69	79	9	23	29.57	29.67
15	OVC	016				64	56	59	75	8	08	29.88	29.98	15	BKN	250			10.00		79	66	70	65	14	21	29.48	29.59
18	OVC	090			RA BR	61	58	59	90	0	00	29.87	29.98	18	BKN	250			8.00		74	66	69	76	8	19	29.48	29.59
21	OVC	007				61	58	59	90	6	09	29.86	29.97	21	BKN	250			9.00		72	66	68	82	6	20	29.50	29.61
24	OVC	007				61	58	59	90	8	07	29.82	29.93	24	OVC	014			8.00		73	67	69	82	6	22	29.54	29.65
SUNRISE: 0659 FEB 18						SUNSET: 1812						SUNRISE: 0653 FEB 24						SUNSET: 1816										
03	OVC	002			-RA BR	61	59	60	93	11	09	29.69	29.79	03	OVC	031			10.00		68	49	58	51	11	34	29.66	29.77
06	OVC	100			-TSRA	61	58	59	90	7	02	29.66	29.76	06	CLR	NC			10.00		60	32	47	35	28	36	29.81	29.92
09	OVC	030			TS+RA BR	56	53	54	90	24	01	29.67	29.78	09	OVC	240			10.00		58	29	45	33	21	01	29.96	30.07
12	OVC	009				57	53	55	87	9	02	29.69	29.80	12	OVC	250			10.00		60	26	45	27	22	02	30.03	30.15
15	OVC	008				57	53	55	87	9	08	29.62	29.73	15	OVC	250			10.00		63	25	46	24	17	03	30.05	30.15
18	OVC	017				57	55	56	93	6	27	29.68	29.79	18	OVC	250			10.00		60	22	44	23	9	35	30.10	30.21
21	OVC	020				56	52	54	87	13	31	29.78	29.89	21	BKN	250			10.00		57	24	43	28	7	34	30.16	30.28
24	OVC	035				53	46	49	77	11	32	29.85	29.96	24	BKN	250			10.00		54	24	42	31	9	01	30.22	30.33

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
FEBRUARY 2012

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)						
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL			
SUNRISE: 0652						FEB 25						SUNSET: 1817					
03	BKN	250				51	26	41	38	8	36	30.24	30.35				
06	BKN	250				49	28	40	44	5	VR	30.24	30.36				
09	OVC	130				50	28	41	43	6	03	30.29	30.41				
12	OVC	130				57	24	43	28	6	VR	30.27	30.39				
15	OVC	130				59	23	44	25	9	15	30.22	30.33				
18	BKN	130				53	33	44	47	13	23	30.19	30.31				
21	BKN	130				47	35	42	63	0	00	30.16	30.28				
24	SCT	250				44	34	40	68	0	00	30.16	30.27				
SUNRISE: 0651						FEB 26						SUNSET: 1817					
03	FEW	250				41	35	38	79	0	00	30.11	30.23				
06	FEW	250				40	36	38	86	0	00	30.09	30.21				
09	CLR	NC				53	41	47	64	3	11	30.11	30.23				
12	OVC	041				64	46	55	52	11	14	30.10	30.21				
15	OVC	048				66	50	57	57	11	13	30.02	30.13				
18	OVC	250				63	52	57	68	10	15	30.01	30.12				
21	OVC	040				61	54	57	78	8	13	30.03	30.14				
24	OVC	042				60	56	58	87	5	13	30.06	30.17				
SUNRISE: 0650						FEB 27						SUNSET: 1818					
03	OVC	060				59	56	57	90	5	06	30.06	30.17				
06	OVC	070				60	55	57	84	9	08	30.06	30.18				
09	BKN	130				63	56	59	78	10	06	30.14	30.24				
12	OVC	045				65	56	60	73	13	07	30.14	30.25				
15	OVC	026				71	57	63	61	11	07	30.06	30.17				
18	OVC	036				68	57	62	68	13	10	30.06	30.17				
21	OVC	020				66	58	61	76	10	10	30.09	30.19				
24	OVC	011				65	59	61	81	11	12	30.06	30.18				
SUNRISE: 0649						FEB 28						SUNSET: 1819					
03	OVC	005			3.00	BR	61	59	60	93	9	12	30.02	30.13			
06	OVC	003			0.50	BR	61	60	60	97	7	10	30.03	30.14			
09	OVC	003			0.25	FG	63	61	62	93	6	11	30.03	30.14			
12	OVC	003			1.00	BR	70	66	67	87	10	15	30.00	30.11			
15	OVC	043			10.00		76	66	70	71	13	17	29.91	30.02			
18	BKN	042			10.00		75	67	70	76	10	17	29.90	30.01			
21	BKN	022			10.00		72	66	68	82	13	17	29.91	30.01			
24	BKN	022			10.00		71	65	67	81	10	17	29.90	30.00			
SUNRISE: 0646						FEB 29						SUNSET: 1819					
03	OVC	022			10.00		71	66	68	84	5	16	29.87	29.98			
06	OVC	021			10.00		71	67	68	87	5	VR	29.89	29.99			
09	OVC	042			8.00		74	68	70	82	3	17	29.93	30.03			
12	BKN	250			10.00		79	65	70	62	10	21	29.92	30.03			
15	BKN	250			10.00		83	62	70	49	13	19	29.84	29.95			
18	BKN	250			10.00		78	63	68	60	6	17	29.82	29.93			
21	OVC	250			10.00		72	66	68	82	7	16	29.85	29.96			
24	BKN	250			9.00		72	67	69	84	7	18	29.84	29.95			

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)			
			Observation Time (LST)	Eff Cl'd Amt Oktas		VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL

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.

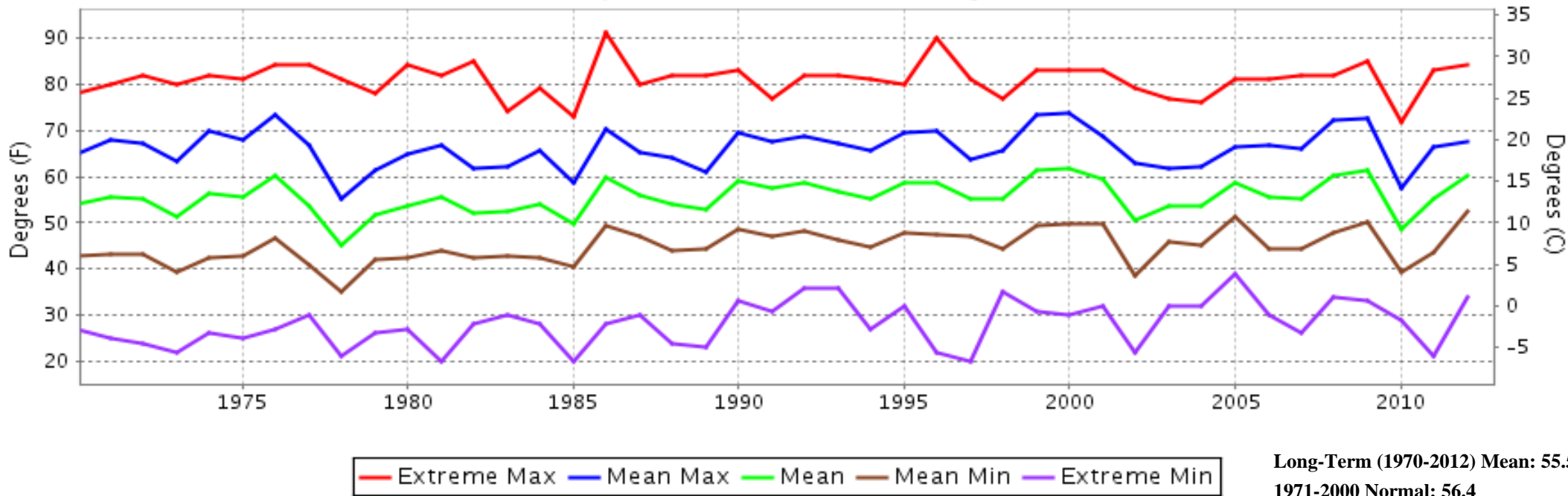
& = Original observation contained additional weather elements.

See page 3 for additional notes.

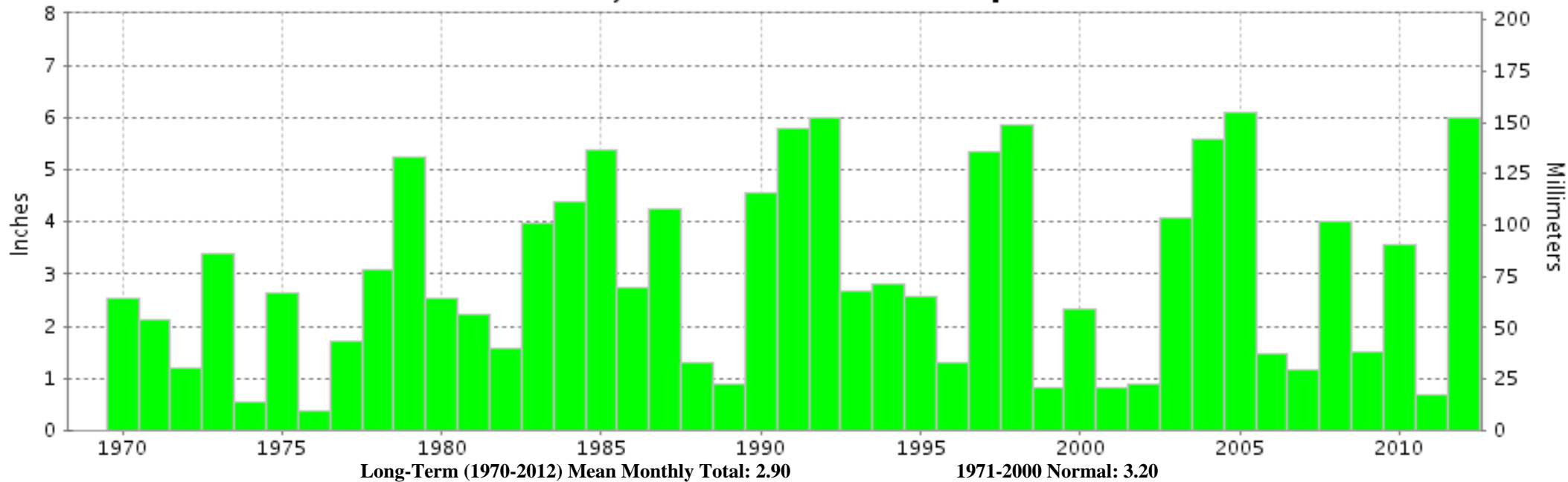
SUMMARY BY HOUR

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			57	50	53	80	30.00	30.11	7.88	7	2	06
02			56	50	53	81	30.00	30.11	7.81	7	2	06
03			56	50	53	81	29.98	30.10	7.34	7	2	06
04			56	49	53	81	29.98	30.09	7.65	7	2	07
05			55	50	53	82	29.98	30.09	7.39	7	3	07
06			55	49	52	81	29.99	30.10	7.11	7	2	07
07			55	49	52	82	30.00	30.12	7.22	7	3	07
08			55	49	53	81	30.02	30.13	7.21	8	3	08
09			57	49	53	78	30.03	30.14	6.88	9	3	07
10			58	50	54	74	30.04	30.15	6.93	10	4	08
11			60	50	55	70	30.04	30.15	8.29	10	5	08
12			62	50	56	67	30.02	30.13	8.97	9	3	07
13			64	50	57	64	30.00	30.11	9.11	9	1	06
14			65	50	57	61	29.97	30.08	9.35	9	2	07
15			66	50	57	59	29.95	30.06	9.41	10	2	07
16			65	50	57	60	29.95	30.06	9.29	9	2	06
17			65	50	57	61	29.95	30.06	9.02	9	1	06
18			63	50	56	66	29.95	30.06	9.59	7	2	06
19			61	51	56	70	29.96	30.07	9.60	8	3	07
20			60	51	56	73	29.97	30.08	9.50	8	3	07
21			60	51	55	74	29.99	30.10	9.79	7	2	07
22			59	51	55	76	30.00	30.11	9.28	7	1	06
23			58	51	54	78	30.00	30.11	8.66	7	2	07
24			57	50	54	79	30.00	30.11	8.47	6	2	06

HOUSTON, TX FEBRUARY Temperatures



HOUSTON, TX FEBRUARY Precipitation





**FEBRUARY 2012
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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151 Patton Avenue
Asheville, NC 28801-5001