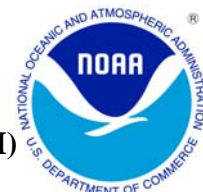




# FEBRUARY 2008 LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

HOUSTON, TX  
G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)  
Lat:29° 59'N Long: 95° 21'W Elev (Ground) 94 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					
																			5-SEC		2-MIN			
01	60	34*	47*	-6	28	39	18	0		0		0.0	0.00	30.11	30.24	2.3	19	5.6	16	15	15	15	01	
02	75	41	58	5	50	54	7	0	BR	0		0.0	0.00	29.97	30.10	6.1	16	6.4	20	15	17	16	02	
03	80	65	73	20	65	67	0	8	RA BR HZ	0		0.0	0.06	29.83	29.96	9.0	17	9.4	28	17	22	18	03	
04	78	70	74*	21	65	68	0	9		0		0.0	0.00	29.75	29.88	13.9	17	14.1	28	16	22	16	04	
05	78	59	69	16	64	67	0	4	TS TSRA RA	0		0.0	0.01	29.67	29.78	8.5	17	13.1	39*	33	32*	32	05	
06	61	38	50	-4	31	42	15	0		0		0.0	0.00	29.97	30.08	8.5	32	9.1	29	33	23	32	06	
07	71	37	54	0	35	45	11	0		0		0.0	0.00	29.91	30.03	4.1	26	7.0	26	26	20	26	07	
08	76	40	58	4	44	51	7	0		0		0.0	0.00	29.85	29.96	6.5	19	7.3	26	22	20	22	08	
09	77	55	66	12	50	56	0	1	RA BR	0		0.0	T	29.99	30.09	2.5	10	4.7	16	07	15	06	09	
10	77	53	65	11	53	57	0	0	FG+ FG BR	0		0.0	0.00	30.14	30.25	4.9	12	7.1	20	15	16	14	10	
11	76	52	64	9	58	60	1	0	TS TSRA RA MIFG BR HZ	0		0.0	0.07	29.91	30.06	5.5	16	7.7	25	16	22	14	11	
12	73	47	60	5	51	55	5	0	TS TSRA RA BR	0		0.0	0.66	29.80	29.91	5.8	31	11.5	31	01	22	33	12	
13	62	38	50	-5	30	41	15	0		0		0.0	0.00	30.01	30.12	2.4	34	7.0	22	34	18	34	13	
14	72	41	57	2	48	53	8	0		0		0.0	0.00	29.95	30.07	9.8	15	10.1	28	14	24	15	14	
15	73	60	67	12	61	63	0	2	RA BR	0		0.0	0.35	29.96	30.08	9.2	10	9.5	22	10	18	09	15	
16	72	52	62	6	63	64	3	0	TSRA RA BR	0		0.0	0.94	29.71	29.85	11.4	14	13.1	33	16	26	14	16	
17	72	50	61	5	46	53	4	0	BR	0		0.0	0.00	29.72	29.83	4.8	30	9.3	25	01	20	01	17	
18	65	44	55	-1	36	45	10	0		0		0.0	0.00	30.06	30.14	6.2	02	6.6	22	01	18	01	18	
19	69	39	54	-2	39	47	11	0		0		0.0	0.00	30.11	30.23	5.4	13	6.4	23	13	20	14	19	
20	75	53	64	8	59	61	1	0	TS TSRA RA BR	0		0.0	1.88	29.86	30.01	9.0	11	9.3	21	14	17	13	20	
21	76	58	67	10	65	67	0	2	RA FG+ BR HZ	0		0.0	0.03	29.68	29.81	2.6	18	6.7	22	02	18	34	21	
22	59	46	53	-4	47	50	12	0	RA	0		0.0	T	29.86	29.94	8.4	35	9.4	20	33	17	35	22	
23	69	41	55	-2	47	51	10	0	BR	0		0.0	0.00	29.91	30.02	5.2	11	8.1	20	14	17	14	23	
24	82*	54	68	11	49	56	0	3	BR	0		0.0	0.00	29.97	30.08	3.0	32	4.9	20	31	15	33	24	
25	81	48	65	7	58	61	0	0	RA BR HZ	0		0.0	T	29.72	29.86	6.8	19	9.1	26	19	20	29	25	
26	70	44	57	-1	33	46	8	0	TS RA	0		0.0	T	30.06	30.13	17.4	34	17.6	36	36	30	35	26	
27	63	36	50	-8	25	40	15	0		0		0.0	0.00	30.19	30.29	1.5	29	5.5	14	30	13	31	27	
28	72	40	56	-2	44	51	9	0		0		0.0	0.00	30.03	30.16	9.6	18	9.8	28	16	22	16	28	
29	78	57	68	10	55	59	0	3	RA	0		0.0	T	30.06	30.18	7.8	15	8.2	22	16	18	16	29	
72.1				48.0	60.1	☼	48.2	54.1	5.9	1.1	< MONTHLY AVERAGES   TOTALS >		0.0	4.00	29.93	30.04	2.3	15	8.7	< MONTHLY AVERAGES				
5.6				3.7	4.7		<----- DEPARTURE FROM NORMAL ----->					1.02	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3											
<b>DEGREE DAYS</b>									GREATEST 24-HR PRECIPITATION : 1.91 DATE : 20-21					SEA LEVEL PRESSURE										
MONTHLY									GREATEST 24-HR SNOWFALL : 0.0 DATE :					MAXIMUM : 30.40 27 1114										
TOTAL DEPARTURE									GREATEST SNOW DEPTH : 0 DATE :					MINIMUM : 29.65 16 1953										
SEASON TO DATE									NUMBER OF -> DAYS WITH					PRECIPITATION >= 0.01 INCH: 8										
HEATING : 170 -128 1004 -315									MAXIMUM TEMP >= 90 : 0					MINIMUM TEMP <= 32 : 0										
COOLING : 32 111 49 13									MAXIMUM TEMP <= 32 : 0					MINIMUM TEMP <= 0 : 0										
									THUNDERSTORMS : 6					HEAVY FOG : 2										
														PRECIPITATION >= 0.10 INCH: 4										
														SNOWFALL >= 1.0 INCH : 0										

FEBRUARY 2008  
HOUSTON, TX

# HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)  
FEBRUARY 2008

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			0.02	0.04	T			T	T	T			03											T	T	03	0.06	0.06
04													04													04	0.00	0.00
05												T	05	T	T						0.01				05	0.01	0.01	
06													06												06	0.00	0.00	
07													07												07	0.00	0.00	
08													08												08	0.00	0.00	
09			T										09												09	T	T	
10													10												10	0.00	0.00	
11											0.01		11			T		T	T	0.06				11	0.07	0.07		
12												0.66	12	T										12	0.66	0.66		
13													13												13	0.00	0.00	
14													14												14	0.00	0.00	
15						T	T		T	T	T		15	T	T	T	T	T	0.01	0.02	0.05	0.06	0.01	0.12	0.08	15	0.35	0.35
16	0.12	0.02				T	T					T	16	0.01	T	0.01	0.05	0.11	T	T	T	0.38	0.23	0.01	T	16	0.94	0.94
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20													20	T		T	0.35	1.03	T	0.07	0.27	0.14	0.02	T	20	1.88	1.88	
21	T	T	T	0.01								0.02	21					T							21	0.03	0.03	
22													22												22	T	T	
23													23												23	0.00	0.00	
24													24												24	0.00	0.00	
25													25											T	T	25	T	T
26						T							26												26	T	T	
27													27												27	0.00	0.00	
28													28												28	0.00	0.00	
29													29				T								29	T	T	

\* 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)	0.32	0.53	0.71	0.82	0.97	1.00	1.03	1.06	1.35	1.38	1.38	1.38
Ending Date	20	20	20	20	20	20	20	20	20	20	20	20
Ending Time (Hr/Min)	1634	1633	1634	1634	1639	1655	1655	1636	1644	1655	1655	1655

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 FEBRUARY 2008

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							10.00	10.00	
02							6.00	10.00	
03							2.50	10.00	
04							7.00	10.00	
05							7.00	10.00	
06							9.00	10.00	
07							10.00	10.00	
08							10.00	10.00	
09							5.00	10.00	
10							0.25	10.00	
11							1.00	10.00	
12							4.00	10.00	
13							10.00	10.00	
14							9.00	10.00	
15							1.50	10.00	
16							0.50	10.00	
17							2.50	10.00	
18							10.00	10.00	
19							10.00	10.00	
20							0.00	10.00	
21							0.25	10.00	
22							7.00	10.00	
23							4.00	10.00	
24							1.00	10.00	
25							1.00	10.00	
26							10.00	10.00	
27							8.00	10.00	
28							10.00	10.00	
29							8.00	10.00	
MONTHLY AVGS							5.67	10.00	
<b>SUNSHINE (Minutes)</b>									
Total : 0                      Possible : 18712									
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									
3                                      10                                      15									

# OBSERVATIONS AT 3-HOURLY INTERVALS

## HOUSTON, TX

### FEBRUARY 2008

### KIAH

### WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			WIND RELATIVE HUMIDITY (PCT)	WIND SPEED (MPH) DIRECTION Tens of Deg	PRESSURE (INCHES, HG)		
			Observation Time (LST)	Eff Cld Amt Oktas			DRY BULB	DEW POINT	WET BULB			STATION	SEA LEVEL	
														DRY BULB
<b>SUNRISE: 0712      FEB 01      SUNSET: 1758</b>														
03	CLR	NC			10.00		38	26	33	62	6	28	30.16	30.28
06	CLR	NC			10.00		34	26	31	73	3	28	30.18	30.29
09	CLR	NC			10.00		41	27	36	58	8	35	30.22	30.33
12	CLR	NC			10.00		53	27	42	37	0	00	30.19	30.31
15	FEW	250			10.00		58	22	43	25	3	19	30.08	30.19
18	CLR	NC			10.00		53	30	43	41	6	18	30.06	30.17
21	SCT	250			10.00		47	33	41	58	8	17	30.05	30.16
24	SCT	250			10.00		43	38	41	83	3	16	30.03	30.14
<b>SUNRISE: 0711      FEB 02      SUNSET: 1759</b>														
03	SCT	250			10.00		42	39	41	89	3	14	30.02	30.13
06	SCT	250			6.00	BR	44	42	43	93	0	00	30.01	30.12
09	BKN	250			9.00		52	49	50	90	3	13	30.03	30.14
12	SCT	250			10.00		70	54	61	57	9	20	30.02	30.14
15	OVC	050			10.00		71	55	62	57	14	16	29.94	30.05
18	OVC	250			10.00		68	54	60	61	11	17	29.94	30.05
21	OVC	038			10.00		65	57	60	75	9	14	29.96	30.06
24	OVC	017			10.00		65	59	61	81	8	14	29.94	30.05
<b>SUNRISE: 0710      FEB 03      SUNSET: 1800</b>														
03	OVC	009			7.00		65	62	63	90	5	VR	29.89	30.00
06	OVC	009			5.00	BR	67	65	66	93	6	17	29.88	29.99
09	OVC	005			2.50	BR	69	66	67	90	6	18	29.91	30.02
12	OVC	100			10.00		75	67	70	76	10	19	29.88	29.99
15	BKN	100			9.00		78	66	70	67	18	17	29.79	29.90
18	OVC	250			10.00		74	65	68	74	11	18	29.80	29.91
21	OVC	012			8.00		72	67	69	84	10	17	29.80	29.91
24	OVC	050			8.00		72	67	69	84	13	18	29.80	29.91
<b>SUNRISE: 0710      FEB 04      SUNSET: 1800</b>														
03	BKN	027			10.00		72	65	68	79	11	18	29.79	29.90
06	BKN	020			10.00		70	65	67	84	9	17	29.78	29.89
09	OVC	130			8.00		72	65	68	79	15	17	29.83	29.93
12	BKN	250			10.00		76	64	68	67	18	19	29.79	29.90
15	BKN	250			10.00		77	63	68	62	20	17	29.71	29.82
18	OVC	050			8.00		74	66	69	76	14	16	29.71	29.81
21	OVC	040			8.00		73	67	69	82	15	17	29.73	29.84
24	OVC	046			8.00		72	66	68	82	15	16	29.74	29.84
<b>SUNRISE: 0709      FEB 05      SUNSET: 1801</b>														
03	OVC	042			9.00		72	66	68	82	13	16	29.72	29.83
06	OVC	050			9.00		72	66	68	82	16	16	29.69	29.80
09	OVC	026			8.00		73	67	69	82	14	17	29.68	29.78
12	OVC	029			8.00		75	67	70	76	10	17	29.63	29.74
15	OVC	046			8.00		78	66	70	67	15	18	29.56	29.67
18	BKN	046			8.00		76	67	70	74	8	19	29.59	29.70
21	OVC	042			10.00	-TSRA	60	51	55	72	7	35	29.74	29.85
24	OVC	065			10.00		61	51	56	70	10	34	29.81	29.92
<b>SUNRISE: 0708      FEB 06      SUNSET: 1802</b>														
03	BKN	100			10.00		53	37	46	55	17	31	29.90	30.01
06	FEW	110			10.00		42	28	36	58	11	32	29.98	30.09
09	CLR	NC			10.00		43	26	36	51	13	32	30.03	30.16
12	CLR	NC			10.00		54	27	43	35	13	32	30.03	30.14
15	CLR	NC			10.00		59	26	45	28	8	31	29.95	30.06
18	FEW	100			10.00		55	28	43	36	5	29	29.95	30.06
21	CLR	NC			10.00		45	36	41	71	5	26	29.98	30.09
24	CLR	NC			10.00		42	32	38	68	0	00	29.96	30.06
<b>SUNRISE: 0708      FEB 07      SUNSET: 1803</b>														
03	CLR	NC			10.00		38	34	36	86	0	00	29.94	30.05
06	CLR	NC			10.00		42	33	38	71	3	16	29.93	30.04
09	CLR	NC			10.00		52	42	47	69	8	17	29.97	30.08
12	CLR	NC			10.00		66	39	52	37	11	24	29.95	30.06
15	SCT	250			10.00		70	39	54	32	8	25	29.87	29.98
18	SCT	250			10.00		65	34	50	32	14	31	29.88	29.99
21	FEW	250			10.00		55	26	43	33	3	31	29.93	30.04
24	CLR	NC			10.00		46	30	39	54	5	35	29.92	30.03
<b>SUNRISE: 0707      FEB 08      SUNSET: 1804</b>														
03	CLR	NC			10.00		44	30	38	58	5	15	29.89	30.01
06	SCT	250			10.00		44	29	38	56	6	15	29.89	30.00
09	FEW	250			10.00		55	42	49	62	10	16	29.90	30.01
12	FEW	250			10.00		69	49	58	49	10	20	29.87	29.98
15	SCT	250			10.00		75	51	61	43	17	22	29.77	29.88
18	SCT	250			10.00		71	49	59	46	8	22	29.79	29.90
21	SCT	250			10.00		65	52	58	63	6	19	29.82	29.93
24	FEW	025			10.00		53	52	52	96	0	00	29.86	29.97
<b>SUNRISE: 0706      FEB 09      SUNSET: 1804</b>														
03	OVC	021			10.00		60	51	55	72	6	03	29.92	30.03
06	OVC	036			10.00		60	37	49	43	5	07	29.92	30.03
09	OVC	041			10.00		60	44	52	56	9	09	29.98	30.09
12	FEW	050			10.00		72	53	61	51	6	VR	30.00	30.11
15	SCT	048			10.00		76	55	64	48	3	VR	29.97	30.07
18	SCT	250			10.00		69	57	62	66	0	00	29.98	30.09
21	BKN	055			8.00		62	58	60	87	3	12	30.06	30.17
24	SCT	055			5.00	BR	58	57	57	97	0	00	30.11	30.22
<b>SUNRISE: 0706      FEB 10      SUNSET: 1805</b>														
03	VV	001			0.25	FG	59	58	58	97	3	14	30.13	30.24
06	OVC	001			2.50	BR	59	58	58	97	5	06	30.16	30.27
09	SCT	250			10.00		59	48	53	67	6	06	30.22	30.33
12	FEW	250			10.00		72	45	57	38	6	09	30.21	30.32
15	SCT	055			10.00		76	49	61	39	10	18	30.13	30.23
18	SCT	250			8.00		68	55	61	63	15	15	30.13	30.24
21	FEW	250			8.00		60	56	58	87	9	13	30.14	30.25
24	SCT	250			6.00	BR	57	54	55	90	0	00	30.10	30.21
<b>SUNRISE: 0705      FEB 11      SUNSET: 1806</b>														
03	BKN	250			7.00		53	52	52	96	0	00	30.05	30.16
06	SCT	120			7.00	MIFG	53	52	52	96	6	04	30.03	30.14
09	BKN	060			1.00	BR	59	57	58	93	3	VR	30.06	30.16
12	BKN	065			3.00	HZ	71	63	66	76	10	15	29.98	30.09
15	OVC	250			10.00		73	61	66	66	15	16	29.88	29.98
18	BKN	080			10.00		71	62	65	73	10	25	29.85	29.96
21	SCT	110			9.00		67	64	65	90	15	13	29.82	29.93
24	SCT	250			10.00		61	55	58	81	0	00	29.81	29.92
<b>SUNRISE: 0704      FEB 12      SUNSET: 1807</b>														
03	SCT	250			10.00		64	60	62	87	6	18	29.77	29.87
06	SCT	250			9.00		64	61	62	90	7	17	29.72	29.83
09	BKN	250			8.00		68	64	66	87	7	20	29.72	29.83
12	OVC	047			4.00	-TSRA BR	61	58	59	90	13	30	29.72	29.83
15	OVC	060			10.00		54	49	51	83	16	32	29.75	29.86
18	FEW	250			10.00		58	41	50	53	13	33	29.83	29.93
21	CLR	NC			10.00		52	35	44	53	14	34	29.94	30.04
24	CLR	NC			10.00		47	32	41	56	16	33	29.98	30.09

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX

## FEBRUARY 2008

## 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
SUNRISE: 0703 FEB 13 SUNSET: 1808												SUNRISE: 0658 FEB 19 SUNSET: 1812															
03	CLR	NC			10.00	42	28	36	58	9	34	30.01	30.11	03	CLR	NC			10.00	43	34	39	71	0	00	30.14	30.26
06	CLR	NC			10.00	39	28	35	65	6	31	30.05	30.16	06	FEW	250			10.00	42	35	39	76	0	00	30.14	30.26
09	CLR	NC			10.00	43	26	36	51	9	03	30.08	30.19	09	SCT	250			10.00	52	40	46	64	5	04	30.21	30.32
12	CLR	NC			10.00	54	26	42	34	7	VR	30.08	30.19	12	BKN	250			10.00	65	35	51	33	10	13	30.19	30.31
15	CLR	NC			10.00	61	26	46	26	5	VR	29.98	30.09	15	OVC	250			10.00	67	36	52	32	13	14	30.11	30.22
18	CLR	NC			10.00	55	33	45	43	0	00	29.97	30.08	18	BKN	250			10.00	60	42	51	52	14	14	30.08	30.19
21	CLR	NC			10.00	52	35	44	53	7	18	29.98	30.10	21	BKN	250			10.00	56	46	51	69	7	13	30.08	30.19
24	CLR	NC			10.00	48	37	43	66	6	17	29.97	30.09	24	BKN	250			10.00	53	47	50	80	7	12	30.03	30.15
SUNRISE: 0702 FEB 14 SUNSET: 1808												SUNRISE: 0657 FEB 20 SUNSET: 1813															
03	CLR	NC			10.00	45	39	42	80	6	16	29.96	30.07	03	BKN	250			10.00	54	50	52	86	5	11	29.98	30.10
06	CLR	NC			10.00	46	40	43	80	5	15	29.97	30.08	06	BKN	080			10.00	57	53	55	87	9	11	29.95	30.06
09	BKN	250			10.00	58	47	52	67	13	14	30.00	30.11	09	OVC	029			10.00	63	57	60	81	7	11	29.97	30.08
12	BKN	250			10.00	68	48	57	49	16	14	29.98	30.09	12	OVC	090			10.00	71	62	65	73	11	12	29.92	30.03
15	BKN	250			10.00	70	51	59	51	17	15	29.92	30.03	15	OVC	030			7.00	71	65	67	81	13	11	29.82	29.93
18	BKN	250			10.00	64	55	59	73	11	12	29.92	30.03	18	OVC	011			7.00	66	65	65	97	9	10	29.80	29.91
21	BKN	250			10.00	60	56	58	87	6	13	29.96	30.07	21	OVC	004		-RA BR	1.00	66	64	65	93	10	10	29.81	29.92
24	OVC	043			9.00	60	57	58	90	6	13	29.96	30.06	24	OVC	017			8.00	65	64	64	97	9	13	29.80	29.91
SUNRISE: 0701 FEB 15 SUNSET: 1809												SUNRISE: 0656 FEB 21 SUNSET: 1814															
03	OVC	050			10.00	63	59	61	87	5	13	29.95	30.06	03	VV	001		0.25 FG	0.25	66	65	65	97	6	13	29.74	29.85
06	OVC	040			10.00	63	60	61	90	9	09	29.98	30.09	06	VV	001		0.25 FG	0.25	67	66	66	97	5	13	29.72	29.83
09	BKN	070			8.00	67	62	64	84	9	09	30.02	30.13	09	OVC	013		0.75 BR	0.75	69	68	68	97	6	16	29.74	29.85
12	BKN	080			8.00	72	64	67	76	9	11	30.02	30.13	12	BKN	035		3.00 BR	3.00	73	69	70	87	8	18	29.72	29.83
15	OVC	022			8.00	70	64	66	81	11	09	29.96	30.07	15	OVC	250		6.00 HZ	6.00	76	67	70	74	7	20	29.63	29.74
18	OVC	014			6.00	66	65	65	97	15	09	29.95	30.06	18	BKN	035		5.00 BR	5.00	72	68	69	87	9	17	29.61	29.72
21	OVC	004			2.00	65	64	64	97	10	10	29.96	30.07	21	BKN	250		8.00	8.00	70	66	67	87	13	32	29.68	29.78
24	OVC	015			2.50	65	63	64	93	8	09	29.93	30.04	24	OVC	025		8.00	8.00	58	54	56	87	9	32	29.72	29.83
SUNRISE: 0700 FEB 16 SUNSET: 1810												SUNRISE: 0655 FEB 22 SUNSET: 1815															
03	VV	001			0.50	67	66	66	97	7	15	29.88	29.98	03	OVC	019		8.00	8.00	56	53	54	90	8	33	29.72	29.82
06	OVC	010			0.50	68	66	67	93	8	14	29.86	29.96	06	OVC	006		10.00	10.00	52	49	50	90	10	33	29.79	29.90
09	OVC	008			2.00	69	67	68	93	15	14	29.83	29.94	09	OVC	020		10.00	10.00	51	47	49	86	14	01	29.84	29.95
12	OVC	011			3.00	70	66	67	87	22	14	29.78	29.89	12	OVC	250		10.00	10.00	58	48	53	70	13	33	29.86	29.97
15	OVC	006			1.50	68	66	67	93	20	14	29.62	29.73	15	SCT	250		10.00	10.00	56	45	50	67	10	36	29.84	29.95
18	OVC	008			0.50	71	68	69	90	24	16	29.55	29.66	18	CLR	NC		10.00	10.00	56	43	50	62	9	36	29.86	29.97
21	OVC	038			1.00	52	50	51	93	13	31	29.67	29.78	21	CLR	NC		10.00	10.00	50	43	47	77	6	03	29.91	30.02
24	BKN	110			10.00	52	50	51	93	0	00	29.67	29.78	24	CLR	NC		10.00	10.00	46	42	44	86	7	02	29.95	30.06
SUNRISE: 0660 FEB 17 SUNSET: 1811												SUNRISE: 0654 FEB 23 SUNSET: 1815															
03	BKN	130			8.00	52	51	51	96	6	19	29.67	29.77	03	FEW	250		8.00	8.00	42	39	41	89	6	02	29.94	30.05
06	SCT	250			10.00	50	48	49	93	6	19	29.63	29.74	06	OVC	005		4.00 BR	4.00	43	40	42	89	7	06	29.95	30.06
09	CLR	NC			10.00	58	45	51	62	7	23	29.69	29.80	09	OVC	005		6.00 BR	6.00	45	42	44	89	9	07	29.97	30.08
12	CLR	NC			10.00	67	44	55	44	14	27	29.69	29.80	12	FEW	250		10.00	10.00	58	44	51	60	3	VR	29.96	30.07
15	CLR	NC			10.00	70	47	57	44	13	30	29.64	29.75	15	CLR	NC		10.00	10.00	68	48	57	49	11	13	29.88	29.99
18	CLR	NC			10.00	66	46	55	49	14	32	29.69	29.80	18	FEW	030		10.00	10.00	62	53	57	73	11	12	29.87	29.98
21	CLR	NC			10.00	58	44	51	60	11	36	29.82	29.93	21	BKN	023		7.00	7.00	59	55	57	87	9	16	29.92	30.03
24	CLR	NC			10.00	52	41	47	66	11	02	29.90	30.01	24	FEW	025		5.00 BR	5.00	58	56	57	93	3	16	29.90	30.01
SUNRISE: 0659 FEB 18 SUNSET: 1812												SUNRISE: 0653 FEB 24 SUNSET: 1816															
03	CLR	NC			10.00	48	40	44	74	3	01	29.93	30.03	03	BKN	022		2.00 BR	2.00	56	54	55	93	0	00	29.90	30.01
06	CLR	NC			10.00	45	39	42	80	5	35	29.98	30.10	06	SCT	043		2.00 BR	2.00	58	56	57	93	6	17	29.97	30.08
09	FEW	250			10.00	52	40	46	64	9	02	30.08	30.19	09	CLR	NC		3.00 BR	3.00	63	61	62	93	0	00	30.00	30.11
12	CLR	NC			10.00	59	34	47	39	13	04	30.09	30.20	12	CLR	NC		10.00	10.00	76	53	63	45	7	VR	30.02	30.13
15	FEW	250			10.00	64	29	48	27	13	02	30.01	30.12	15	CLR	NC		10.00	10.00	81	40	59	23	9	31	29.95	30.06
18	BKN	250			10.00	58	31	46	36	8	06	30.03	30.15	18	CLR	NC		10.00	10.00	75	40	57	28	7	36	29.95	30.06
21	CLR	NC			10.00	51	37	45	59	0	00	30.10	30.21	21	CLR	NC		10.00	10.00	61	44	52	54	0	00	29.98	30.09
24	FEW	250			10.00	46	39	43	77	0	00	30.14	30.26	24	CLR	NC		10.00	10.00	55	45	50	69	3	05	29.97	30.08

# OBSERVATIONS AT 3-HOURLY INTERVALS

# HOUSTON, TX FEBRUARY 2008

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)		
			Observation Time (LST)	Eff Clrd Amt Oktas		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL
		<b>SUNRISE: 0652      FEB 25      SUNSET: 1817</b>											
03	CLR	NC				51	46	49	83	5	10	29.92	30.03
06	CLR	NC				50	47	48	90	5	12	29.86	29.97
09	OVC	007			BR	59	56	57	90	9	23	29.86	29.97
12	OVC	022				74	63	67	69	16	22	29.78	29.89
15	SCT	033				80	63	69	56	15	20	29.65	29.75
18	BKN	250				75	64	68	69	10	20	29.59	29.70
21	BKN	250				71	65	67	81	13	20	29.61	29.72
24	OVC	250			BR	70	66	67	87	7	26	29.68	29.78
		<b>SUNRISE: 0651      FEB 26      SUNSET: 1817</b>											
03	BKN	250				64	41	52	43	15	34	29.79	29.89
06	BKN	250				54	37	46	53	20	35	29.88	29.98
09	SCT	250				53	37	46	55	16	34	30.00	30.11
12	SCT	250				59	37	49	44	23	34	30.08	30.18
15	FEW	130				62	32	48	32	24	35	30.05	30.16
18	CLR	NC				56	25	43	30	17	35	30.11	30.22
21	CLR	NC				50	22	39	33	14	34	30.19	30.31
24	CLR	NC				44	22	36	42	8	35	30.22	30.34
		<b>SUNRISE: 0650      FEB 27      SUNSET: 1818</b>											
03	CLR	NC				40	23	34	51	10	34	30.26	30.37
06	CLR	NC				37	24	32	59	7	33	30.27	30.39
09	CLR	NC				46	23	37	40	6	04	30.29	30.40
12	CLR	NC				56	18	41	23	6	24	30.27	30.38
15	CLR	NC				62	19	45	19	0	00	30.16	30.27
18	CLR	NC				59	23	44	25	0	00	30.11	30.23
21	CLR	NC				51	34	43	52	7	17	30.14	30.25
24	FEW	250				48	34	42	59	6	17	30.14	30.25
		<b>SUNRISE: 0649      FEB 28      SUNSET: 1819</b>											
03	FEW	250				46	35	41	66	3	17	30.11	30.22
06	FEW	250				40	35	38	82	0	00	30.09	30.20
09	FEW	250				58	44	51	60	9	18	30.11	30.23
12	SCT	045				68	44	55	42	15	19	30.08	30.19
15	BKN	055				69	46	57	44	17	17	29.98	30.10
18	SCT	060				66	49	57	54	11	17	29.97	30.08
21	SCT	060				63	52	57	68	14	16	29.97	30.08
24	CLR	NC				62	53	57	73	9	16	29.98	30.10
		<b>SUNRISE: 0646      FEB 29      SUNSET: 1819</b>											
03	BKN	060				61	53	57	75	5	14	29.98	30.10
06	BKN	250				61	55	58	81	3	16	30.01	30.12
09	OVC	250				67	56	61	68	10	16	30.06	30.18
12	OVC	250				75	55	63	50	9	17	30.08	30.19
15	OVC	250				75	55	63	50	13	16	30.03	30.15
18	BKN	250				70	58	63	66	13	13	30.08	30.19
21	CLR	NC				63	59	61	87	9	13	30.14	30.24
24	CLR	NC				57	56	56	96	3	09	30.16	30.27

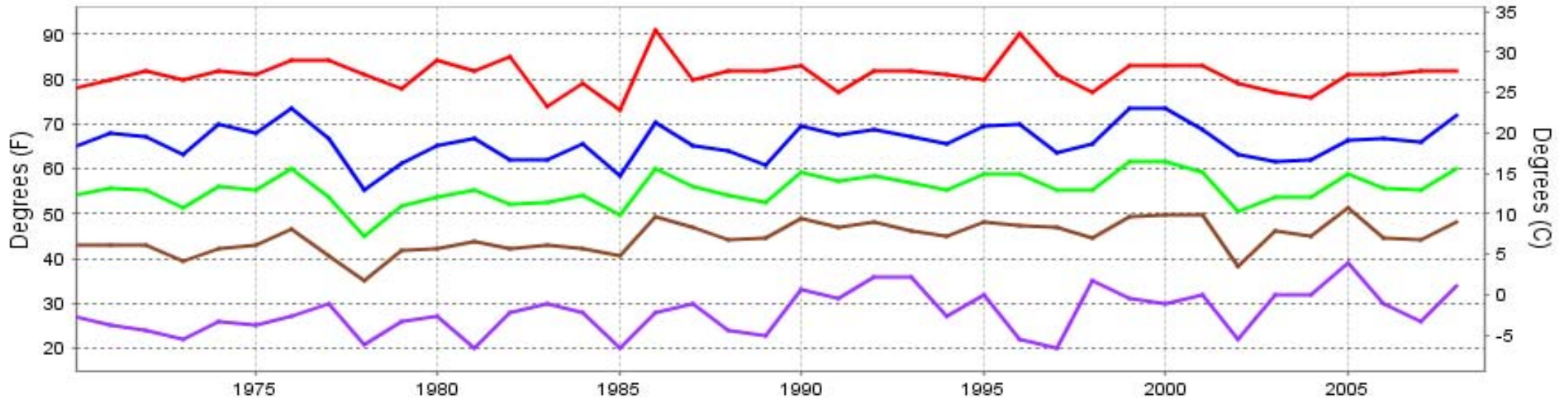
HOUR (LST)	SKY COVER	CEILING 100's of FT.	SATELLITE		WEATHER	TEMPERATURE °F			WIND		PRESSURE (INCHES, HG)	
			Observation Time (LST)	Eff Clrd Amt Oktas		DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION Tens of Deg	STATION

**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	47	51	78	29.93	30.04	8.65	7	1	14
02			54	47	51	79	29.93	30.04	8.57	6	1	11
03			54	47	50	79	29.93	30.04	8.28	6	1	15
04			53	47	50	80	29.93	30.04	8.14	6	1	14
05			53	46	50	80	29.93	30.04	8.16	6	1	11
06			53	46	50	80	29.94	30.05	8.04	6	2	11
07			52	46	49	81	29.95	30.06	8.12	6	1	12
08			54	48	51	80	29.96	30.07	7.84	7	2	10
09			58	49	53	73	29.98	30.09	7.97	9	2	10
10			62	48	55	64	29.98	30.09	8.41	11	2	10
11			65	49	56	59	29.98	30.09	8.67	10	1	12
12			67	49	58	56	29.96	30.07	8.86	11	1	23
13			68	49	58	53	29.93	30.04	9.48	11	1	24
14			70	48	58	50	29.90	30.01	9.47	12	1	25
15			69	48	58	51	29.88	29.99	9.29	12	1	12
16			69	48	58	51	29.88	29.99	9.16	12	1	14
17			68	48	58	53	29.88	29.99	8.98	11	1	11
18			65	50	57	60	29.88	29.99	9.02	10	2	11
19			63	50	56	66	29.89	30.00	8.76	9	3	10
20			62	50	56	68	29.91	30.02	8.60	10	2	10
21			59	50	55	72	29.93	30.04	8.52	9	1	11
22			58	49	54	73	29.93	30.04	8.64	8	2	10
23			57	49	53	76	29.94	30.05	8.81	7	1	14
24			56	49	52	79	29.94	30.05	8.74	6	1	11

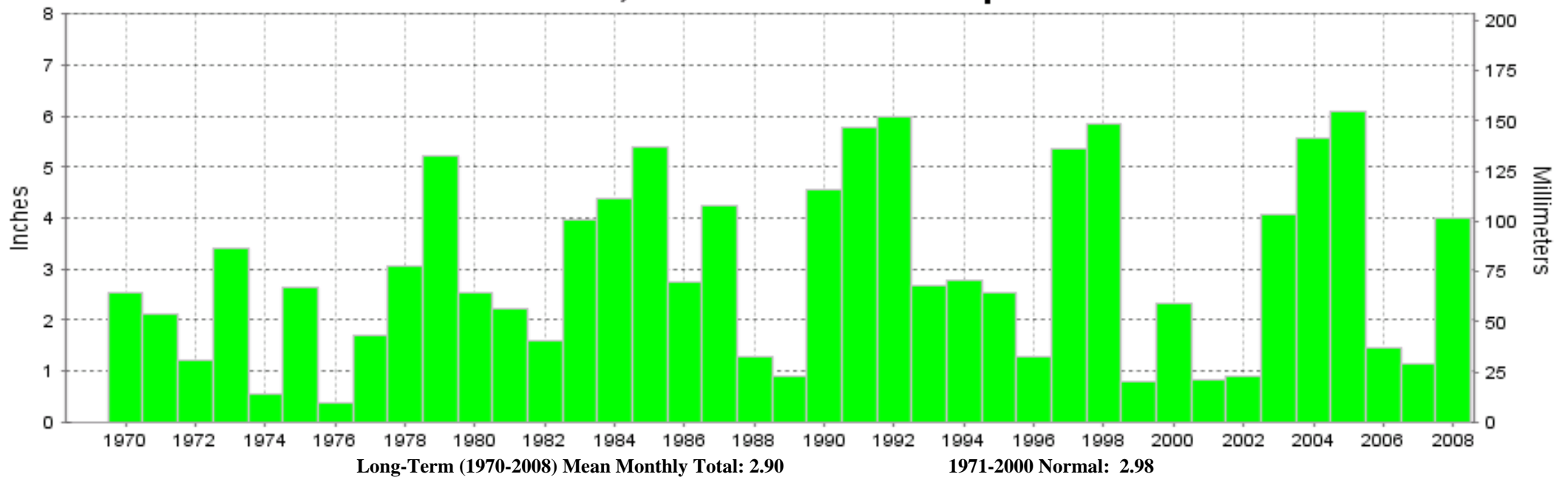
## HOUSTON, TX FEBRUARY Temperatures



— Extreme Max — Mean Max — Mean — Mean Min — Extreme Min

Long-Term (1970-2008) Mean: 55.5  
1971-2000 Normal: 55.4

## HOUSTON, TX FEBRUARY Precipitation



Long-Term (1970-2008) Mean Monthly Total: 2.90

1971-2000 Normal: 2.98



**FEBRUARY 2008  
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.*

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