FEBRUARY 2002
LOCAL CLIMATOLOGICAL DATA
NOAA, National Climatic Data Center

HOUSTON, TX
INTERCONTINENTAL AIRPORT (IAH)
Lat: 29°59' N Long: 95°21' W Elev (Ground): 118 Feet
Time Zone: CENTRAL WBAN: 12960 ISSN #:0198–5094

DATE	TEMPERATURE °F MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	DEG DAYS BASE 65° HEATING	COOLING	WEATHER	SNOW/ICE ON GND(IN) 0600 LST DEPTH	1200 LST WATER EQUIV	PRECIPITATION (INCHES) 2400 LST SNOW–FALL	2400 LST WATER EQUIV	PRESSURE (INCHES OF HG) AVERAGE STATION	AVERAGE SEA LEVEL	WIND SPEED = MPH DIR = TENS OF DEGREES RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM 5–SEC SPEED	5–SEC DIR	MAXIMUM 2–MIN SPEED	2–MIN DIR	DATE
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	46	34	40	-13	30	37	25	0	RA	0		0.0	T	30.31	30.43	7.9	35	8.0	25	33	20	36	01
02	55	32	44	-9	33	40	21	0		0		0.0	0.00	30.28	30.39	2.8	03	3.5	22	10	16	09	02
03	62	43	53	0	41	48	12	0		0		0.0	0.00	30.17	30.29	0.9	01	2.6	10	01	9	01	03
04	56	48	52	-1	40	46	13	0	RA	0		0.0	0.02	30.24	30.35	7.6	05	8.2	29	08	16	08	04
05	48	40	44	-9	41	42	21	0	RA BR	0		0.0	0.48	30.08	30.19	10.9	04	11.4	33	04	18	06	05
06	43	33	38	-16	37	39	27	0	RA	0		0.0	0.06	30.05	30.16	6.3	32	6.6	18	32	14	31	06
07	57	31	44	-10	35	40	21	0		0		0.0	0.00	30.18	30.29	4.3	32	5.7	18	33	15	31	07
08	61	32	47	-7	39	43	18	0		0		0.0	0.00	30.14	30.25	4.1	14	4.6	17	12	15	13	08
09	75	39	57	3	46	52	8	0	RA MIFG	0		0.0	T	29.95	30.06	3.0	20	7.3	24	18	21	17	09
10	59	39	49	-5	30	40	16	0		0		0.0	0.00	30.28	30.40	12.0	33	12.0	29	31	21	31	10
11	56	35	46	-9	32	39	19	0		0		0.0	0.00	30.31	30.42	2.6	33	4.0	18	32	13	35	11
12	62	32	47	-8	35	42	18	0		0		0.0	0.00	30.11	30.22	1.8	15	2.3	13	14	10	14	12
13	69	40	55	0	37	46	10	0	BR	0		0.0	0.00	30.14	30.26	3.2	01	3.7	15	01	13	01	13
14	65	37	51	-4	38	45	14	0		0		0.0	0.00	30.14	30.26	5.6	12	6.6	18	13	16	12	14
15	73	44	59	4	48	52	6	0	BR	0		0.0	0.00	30.04	30.15	3.7	32	6.1	23	35	16	34	15
16	65	38	52	-4	35	44	13	0		0		0.0	0.00	30.17	30.29	5.3	34	6.1	18	01	15	01	16
17	70	33	52	-4	33	43	13	0		0		0.0	0.00	30.10	30.21	4.0	14	4.1	21	12	18	14	17
18	71	46	59	3	55	58	6	0		0		0.0	0.00	29.91	30.02	11.6	12	12.0	30	13	26*	13	18
19	73	61	67*	11	65	66	0	2	RA BR	0		0.0	0.12	29.74	29.85	7.9	17	9.7	23	18	20	16	19
20	75	45	60	4	44	52	5	0	BR	0		0.0	0.00	29.90	30.01	2.1	26	4.1	14	27	12	27	20
21	79*	45	62	5	49	54	3	0	TS TSRA	0		0.0	0.21	29.94	30.05	2.7	33	6.0	28	33	22	32	21
22	66	39	53	-4	33	45	12	0		0		0.0	0.00	30.12	30.23	7.9	33	8.5	24	32	17	33	22
23	70	33	52	-5	37	45	13	0		0		0.0	0.00	30.04	30.15	3.9	14	4.6	18	13	16	14	23
24	75	44	60	3	50	55	5	0		0		0.0	0.00	29.94	30.05	9.5	15	9.6	29	14	24	14	24
25	76	51	64	6	56	60	1	0		0		0.0	0.00	29.93	30.04	2.5	26	7.3	26	33	20	34	25
26	51	32	42	-16	16	32	23	0		0		0.0	0.00	30.29	30.41	14.0	34	14.3	35*	32	25	32	26
27	50	22*	36*	-22	12	29	29	0		0		0.0	0.00	30.27	30.39	2.2	35	4.8	21	36	16	02	27
28	55	28	42	-16	31	38	23	0		0		0.0	0.00	30.10	30.21	7.3	10	8.6	23	14	17	11	28
	63.0	38.4	50.7		38.5	45.4	14.1	0.1	< MONTHLY AVERAGES TOTALS–>			0.0	0.89	30.10	30.22	1.5	02	6.9	<– MONTHLY AVERAGES				
	-3.5	-5.9	-4.7		<–––––––––––DEPARTURE FROM NORMAL–––––––––––>								-2.09	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3									

FEBRUARY 2002
HOUSTON, TX

DEGREE DAYS

	MONTHLY TOTAL	MONTHLY DEPARTURE	SEASON TO DATE TOTAL	SEASON TO DATE DEPARTURE
HEATING:	395	73	1217	-159
COOLING:	2	-19	29	-7

GREATEST 24–HR PRECIPITATION: 0.53 DATE :05-06
GREATEST 24–HR SNOWFALL: 0.0 DATE :
GREATEST SNOW DEPTH: 0 DATE :

SEA LEVEL PRESSURE		DATE	TIME
MAXIMUM	30.52	11	0853
MINIMUM	29.76	19	1453

NUMBER OF DAYS WITH →

MAXIMUM TEMP ≥ 90:	0	MINIMUM TEMP ≤ 32 :	7
MAXIMUM TEMP ≤ 32 :	0	MINIMUM TEMP ≤ 0 :	0
THUNDERSTORMS :	1	HEAVY FOG :	0
PRECIPITATION ≥ 0.01 INCH :	5		
PRECIPITATION ≥ 0.10 INCH :	3		
SNOWFALL ≥ 1.0 INCH :	0		

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX

FEBRUARY 2002 IAH WBAN # 12960

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	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			T	T	T								01		T
02													02													02		0.00
03													03													03		0.00
04				T	0.01	T	0.02	0.02	0.01	0.04	0.07	0.11	04				T	T	T	T	T	0.01	0.01	T	T	04		0.02
05													05	0.04	0.01	T	0.01	T		0.01	0.07	0.02	0.01	0.02	0.01	05		0.48
06	0.01	0.01	T	T	0.03	0.01	T	T	T				06													06		0.06
07													07													07		0.00
08													08													08		0.00
09													09								T					09		T
10													10													10		0.00
11													11													11		0.00
12													12													12		0.00
13													13													13		0.00
14													14													14		0.00
15													15													15		0.00
16													16													16		0.00
17													17													17		0.00
18													18													18		0.00
19						T	T	T	0.01	0.02	T	T	19	0.04	T	0.01	0.01	T	T	0.02						19	0.11	0.12
20													20													20		0.00
21													21						0.09	0.06	0.05	T	0.01			21		0.21
22													22													22		0.00
23													23													23		0.00
24													24													24		0.00
25													25													25		0.00
26													26													26		0.00
27													27													27		0.00
28													28													28		0.00

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.03	.06	.08	.09	.10	.11	.13	.15	.18	.19	.21	.23
Ending Date	21	21	21	21	21	05	21	21	05	21	05	05
Ending Time (Hour/Min)	1930	1747	1750	1755	1805	1136	1834	1842	1144	1930	1219	1247

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. 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.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurence 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	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '−' = Light

HOUSTON, TX
FEBRUARY 2002

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
			SR−SS		MN−MN				
	TOTAL MINUTES	PERCENT POSSIBLE	CEILOMETER	SATELLITE	CEILOMETER	SATELLITE	MINIMUM	MAXIMUM	
01							10.00	10.00	
02							10.00	10.00	
03							10.00	10.00	
04							10.00	10.00	
05							2.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							7.00	10.00	
09							8.00	10.00	
10							10.00	10.00	
11							9.00	10.00	
12							8.00	10.00	
13							4.00	10.00	
14							7.00	10.00	
15							1.50	10.00	
16							10.00	10.00	
17							10.00	10.00	
18							9.00	10.00	
19							4.00	10.00	
20							5.00	10.00	
21							5.00	10.00	
22							10.00	10.00	
23							10.00	10.00	
24							10.00	10.00	
25							9.00	10.00	
26							10.00	10.00	
27							10.00	10.00	
28							10.00	10.00	
MONTHLY AVGS							8.16	10.00	

SUNSHINE (MINUTES)

Total: Possible:
Percent Possible:

NUMBER OF DAYS WITH:

SKY CONDITION

CLR	PTLY CLDY	CLOUDY	MISSING
			28

MINIMUM VISIBILITY (MILES)

<=0.25	<=3.0	>=7.0
0	2	22

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

FEBRUARY 2002 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0712	**FEB 01**			**SUNSET: 1759**					
03	BKN	250			10.00		43	29	37	58	12	35	30.22	30.34
06	OVC	120			10.00		41	27	36	57	9	35	30.25	30.37
09	OVC	120			10.00		42	26	36	53	13	35	30.34	30.45
12	OVC	110			10.00		43	26	36	51	13	34	30.37	30.49
15	OVC	100			10.00		43	31	38	63	8	32	30.32	30.44
18	OVC	110			10.00		42	33	38	71	6	34	30.35	30.46
21	SCT	NC			10.00		39	32	36	76	0	00	30.35	30.47
24	BKN	110			10.00		35	32	34	89	0	00	30.33	30.45
					SUNRISE: 0711	**FEB 02**			**SUNSET: 1760**					
03	SCT	NC			10.00		35	31	33	85	3	36	30.31	30.43
06	SCT	NC			10.00		33	31	32	92	5	05	30.34	30.45
09	SCT	NC			10.00		40	34	37	79	7	04	30.35	30.47
12	SCT	NC			10.00		50	30	42	46	10	05	30.27	30.39
15	OVC	070			10.00		53	27	42	37	0	00	30.23	30.34
18	OVC	060			10.00		53	33	44	47	3	35	30.22	30.34
21	OVC	065			10.00		51	39	45	64	3	04	30.20	30.32
24	OVC	060			10.00		51	40	46	66	0	00	30.21	30.32
					SUNRISE: 0710	**FEB 03**			**SUNSET: 1800**					
03	OVC	050			10.00		51	40	46	66	6	18	30.17	30.29
06	CLR	NC			10.00		45	41	43	86	0	00	30.18	30.30
09	BKN	250			10.00		51	42	47	71	0	00	30.19	30.30
12	OVC	026			10.00		58	38	48	48	0	00	30.18	30.30
15	OVC	039			10.00		60	41	51	50	0	00	30.12	30.24
18	OVC	040			10.00		58	43	50	58	8	04	30.13	30.24
21	OVC	060			10.00		55	41	48	59	6	36	30.19	30.31
24	OVC	075			10.00		54	42	48	64	3	35	30.21	30.33
					SUNRISE: 0710	**FEB 04**			**SUNSET: 1800**					
03	BKN	090			10.00		52	40	46	64	6	02	30.21	30.33
06	BKN	090			10.00		50	40	45	68	8	02	30.23	30.35
09	OVC	140			10.00		51	40	46	66	12	06	30.28	30.40
12	OVC	250			10.00		54	36	46	51	13	06	30.28	30.40
15	OVC	250			10.00		56	34	46	44	13	08	30.21	30.33
18	OVC	100			10.00		52	39	46	61	9	05	30.21	30.33
21	OVC	065			10.00	-RA	48	45	47	89	7	01	30.23	30.35
24	OVC	055			10.00		48	46	47	93	7	04	30.20	30.31
					SUNRISE: 0709	**FEB 05**			**SUNSET: 1801**					
03	OVC	048			10.00		47	43	45	86	10	05	30.16	30.27
06	OVC	042			9.00	-RA	45	42	44	90	10	04	30.12	30.24
09	OVC	012			2.00	-RA BR	42	41	42	96	15	07	30.13	30.25
12	OVC	009			2.00	-RA BR	42	41	42	96	14	06	30.10	30.22
15	OVC	011			7.00		41	40	41	96	12	04	30.03	30.15
18	OVC	009			10.00		42	40	41	92	12	03	30.00	30.11
21	OVC	007			10.00	-RA	41	40	41	96	10	01	30.03	30.15
24	OVC	013			10.00	-RA	41	39	40	93	8	03	30.01	30.13
					SUNRISE: 0708	**FEB 06**			**SUNSET: 1802**					
03	OVC	007			10.00	-RA	40	39	40	97	7	35	29.99	30.11
06	OVC	008			10.00	-RA	38	38	38	100	7	33	29.99	30.10
09	OVC	008			10.00		39	37	38	93	8	34	30.03	30.15
12	OVC	009			10.00		41	39	40	93	9	31	30.05	30.16
15	OVC	015			10.00		42	38	40	85	8	31	30.01	30.13
18	BKN	021			10.00		42	36	39	79	3	30	30.05	30.17
21	OVC	033			10.00		42	35	39	76	6	31	30.12	30.24
24	CLR	NC			10.00		33	33	33	100	5	29	30.12	30.24

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0708	**FEB 07**			**SUNSET: 1803**					
03	CLR	NC			10.00		32	32	32	100	5	28	30.11	30.23
06	CLR	NC			10.00		33	32	33	96	6	29	30.16	30.28
09	CLR	NC			10.00		41	36	39	82	7	31	30.22	30.34
12	SCT	NC			10.00		51	35	44	54	13	32	30.20	30.32
15	FEW	NC			10.00		57	37	48	47	8	33	30.13	30.25
18	CLR	NC			10.00		52	38	45	59	3	34	30.16	30.28
21	CLR	NC			10.00		44	39	42	83	0	00	30.21	30.32
24	CLR	NC			10.00		39	37	38	93	0	00	30.22	30.34
					SUNRISE: 0707	**FEB 08**			**SUNSET: 1804**					
03	CLR	NC			10.00		34	34	34	100	0	00	30.19	30.31
06	CLR	NC			10.00		32	32	32	100	0	00	30.20	30.32
09	CLR	NC			8.00		41	39	40	93	0	00	30.24	30.36
12	CLR	NC			10.00		54	38	46	55	3	VR	30.19	30.31
15	FEW	NC			10.00		60	40	50	48	8	16	30.08	30.19
18	FEW	NC			10.00		56	45	50	67	15	13	30.04	30.15
21	CLR	NC			10.00		49	45	47	86	6	16	30.05	30.17
24	CLR	NC			9.00		46	45	46	96	5	14	30.01	30.13
					SUNRISE: 0706	**FEB 09**			**SUNSET: 1805**					
03	CLR	NC			8.00		40	40	40	100	0	00	29.96	30.08
06	CLR	NC			8.00		40	40	40	100	3	13	29.93	30.04
09	CLR	NC			10.00		54	50	52	87	9	14	29.92	30.04
12	FEW	NC			10.00		69	49	58	49	13	20	29.92	30.03
15	BKN	060			10.00		73	50	60	44	8	23	29.89	30.00
18	SCT	NC			10.00		69	53	60	57	5	22	29.90	30.01
21	BKN	049			10.00		64	46	55	52	10	33	30.01	30.12
24	BKN	065			10.00		59	32	47	36	5	33	30.09	30.20
					SUNRISE: 0705	**FEB 10**			**SUNSET: 1805**					
03	OVC	070			10.00		52	31	43	45	10	32	30.14	30.25
06	FEW	NC			10.00		45	30	39	56	16	33	30.22	30.34
09	OVC	100			10.00		46	30	39	54	16	33	30.30	30.42
12	OVC	090			10.00		49	29	41	46	18	34	30.32	30.43
15	OVC	090			10.00		49	30	41	48	9	33	30.29	30.40
18	SCT	NC			10.00		48	31	41	52	13	33	30.32	30.43
21	SCT	NC			10.00		43	31	38	63	9	34	30.38	30.50
24	OVC	039			10.00		41	31	37	67	5	32	30.40	30.51
					SUNRISE: 0705	**FEB 11**			**SUNSET: 1806**					
03	OVC	035			10.00		41	30	37	65	6	34	30.37	30.49
06	OVC	033			10.00		39	31	36	73	7	32	30.38	30.49
09	BKN	250			10.00		42	31	38	65	8	01	30.40	30.52
12	SCT	NC			10.00		48	31	41	52	6	VR	30.36	30.48
15	SCT	NC			10.00		54	31	44	42	0	00	30.24	30.36
18	SCT	NC			10.00		50	32	42	50	3	32	30.20	30.32
21	FEW	NC			10.00		39	35	37	86	0	00	30.22	30.34
24	CLR	NC			9.00		35	33	34	93	0	00	30.20	30.32
					SUNRISE: 0704	**FEB 12**			**SUNSET: 1807**					
03	FEW	NC			10.00		34	33	34	97	0	00	30.14	30.25
06	FEW	NC			10.00		32	32	32	100	0	00	30.12	30.24
09	OVC	250			8.00		46	37	42	71	0	00	30.17	30.29
12	BKN	250			10.00		59	32	47	36	5	11	30.13	30.24
15	OVC	150			10.00		62	32	48	32	5	18	30.04	30.16
18	OVC	150			10.00		56	36	47	47	3	25	30.05	30.16
21	OVC	110			9.00		55	45	50	69	6	17	30.07	30.19
24	OVC	070			10.00		51	45	48	80	0	00	30.09	30.20

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

FEBRUARY 2002 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
SUNRISE: 0703 FEB 13 SUNSET: 1808														
03	OVC	250			10.00		46	44	45	93	0	00	30.09	30.20
06	SCT	NC			10.00		41	41	41	100	0	00	30.12	30.24
09	SCT	NC			5.00	BR	49	45	47	86	3	03	30.17	30.29
12	FEW	NC			10.00		64	37	51	37	8	05	30.17	30.29
15	FEW	NC			10.00		69	29	50	22	7	01	30.11	30.22
18	BKN	250			10.00		61	32	48	34	7	01	30.13	30.25
21	SCT	NC			10.00		52	31	43	45	5	01	30.18	30.29
24	CLR	NC			10.00		44	35	40	71	0	00	30.20	30.31
SUNRISE: 0702 FEB 14 SUNSET: 1809														
03	CLR	NC			10.00		42	34	39	73	3	01	30.18	30.30
06	FEW	NC			10.00		40	34	37	79	0	00	30.18	30.29
09	BKN	250			10.00		49	39	44	69	7	09	30.22	30.34
12	BKN	250			10.00		62	35	49	37	13	12	30.19	30.31
15	BKN	250			10.00		65	36	51	34	13	14	30.10	30.22
18	SCT	NC			10.00		60	37	49	42	13	13	30.07	30.19
21	CLR	NC			10.00		52	48	50	86	6	15	30.07	30.19
24	CLR	NC			7.00		48	48	48	100	0	00	30.04	30.16
SUNRISE: 0701 FEB 15 SUNSET: 1809														
03	CLR	NC			6.00	BR	45	45	45	100	0	00	29.99	30.11
06	BKN	020			2.00	BR	44	44	44	100	0	00	29.99	30.11
09	OVC	030			3.00	BR	52	52	52	100	6	13	30.04	30.15
12	OVC	019			9.00		65	58	61	78	3	15	30.05	30.16
15	SCT	NC			10.00		72	53	61	52	9	28	29.97	30.09
18	BKN	250			10.00		67	46	56	47	8	32	30.00	30.11
21	FEW	NC			10.00		58	44	51	60	14	35	30.11	30.23
24	FEW	NC			10.00		51	41	46	69	10	34	30.16	30.27
SUNRISE: 0700 FEB 16 SUNSET: 1810														
03	FEW	NC			10.00		46	39	43	77	7	35	30.17	30.28
06	FEW	NC			10.00		42	37	40	82	5	34	30.20	30.32
09	SCT	NC			10.00		48	35	42	61	10	01	30.25	30.37
12	BKN	250			10.00		56	30	45	37	3	VR	30.22	30.34
15	OVC	250			10.00		65	28	48	25	9	33	30.12	30.24
18	BKN	250			10.00		60	30	47	32	3	29	30.12	30.24
21	BKN	250			10.00		46	38	42	73	0	00	30.14	30.26
24	FEW	NC			10.00		39	36	38	89	3	28	30.14	30.26
SUNRISE: 0659 FEB 17 SUNSET: 1811														
03	SCT	NC			10.00		37	35	36	93	0	00	30.12	30.24
06	SCT	NC			10.00		34	33	34	97	0	00	30.12	30.24
09	SCT	NC			10.00		48	36	43	63	0	00	30.16	30.27
12	SCT	NC			10.00		67	28	49	23	7	11	30.13	30.25
15	OVC	250			10.00		67	26	49	21	12	15	30.04	30.16
18	OVC	250			10.00		61	27	46	27	12	14	30.05	30.17
21	BKN	250			10.00		54	37	46	53	8	14	30.03	30.15
24	BKN	250			10.00		50	43	47	77	0	00	30.02	30.14
SUNRISE: 0658 FEB 18 SUNSET: 1812														
03	SCT	NC			10.00		47	44	46	90	3	06	29.97	30.09
06	OVC	070			10.00		54	50	52	87	7	11	29.94	30.05
09	OVC	070			10.00		60	55	57	84	12	12	29.97	30.09
12	OVC	080			9.00		68	57	62	68	16	13	29.95	30.06
15	OVC	080			10.00		69	59	63	70	20	13	29.85	29.96
18	OVC	250			10.00		65	60	62	84	16	13	29.84	29.96
21	BKN	039			10.00		64	61	62	90	13	13	29.85	29.96
24	BKN	050			10.00		63	61	62	93	12	13	29.82	29.93

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
SUNRISE: 0657 FEB 19 SUNSET: 1812														
03	OVC	028			10.00		65	62	63	90	9	13	29.76	29.87
06	OVC	039			9.00	-RA	69	65	66	87	13	15	29.73	29.85
09	OVC	018			8.00	-RA	68	66	67	93	10	17	29.77	29.88
12	OVC	022			9.00		69	67	68	93	16	16	29.72	29.84
15	OVC	021			8.00	-RA	72	68	69	87	14	19	29.65	29.76
18	OVC	022			10.00	-RA	65	60	62	84	5	33	29.69	29.81
21	BKN	250			10.00		66	65	65	96	6	20	29.75	29.87
24	FEW	NC			5.00	BR	62	62	62	100	3	28	29.83	29.94
SUNRISE: 0657 FEB 20 SUNSET: 1813														
03	FEW	NC			10.00		51	51	51	100	3	24	29.82	29.93
06	CLR	NC			10.00		52	37	45	57	6	28	29.89	30.01
09	FEW	NC			10.00		58	42	50	56	5	VR	29.97	30.08
12	FEW	NC			10.00		69	41	55	36	7	28	29.97	30.09
15	FEW	NC			10.00		72	39	55	30	0	00	29.86	29.98
18	FEW	NC			10.00		69	40	54	35	3	22	29.85	29.97
21	CLR	NC			10.00		53	45	49	74	3	14	29.89	30.00
24	CLR	NC			10.00		56	48	52	75	8	16	29.89	30.01
SUNRISE: 0656 FEB 21 SUNSET: 1814														
03	CLR	NC			10.00		50	47	48	89	3	21	29.87	29.99
06	CLR	NC			10.00		47	46	46	97	0	00	29.88	30.00
09	CLR	NC			10.00		61	56	58	84	3	VR	29.93	30.05
12	CLR	NC			10.00		76	43	58	31	9	28	29.94	30.05
15	SCT	NC			10.00		79	49	62	35	8	31	29.87	29.98
18	OVC	070			5.00	TSRA	60	52	56	75	15	01	29.93	30.04
21	OVC	100			10.00		54	51	52	90	8	04	30.08	30.19
24	OVC	140			10.00		51	50	51	96	6	31	30.09	30.20
SUNRISE: 0655 FEB 22 SUNSET: 1815														
03	OVC	120			10.00		51	42	47	71	9	33	30.10	30.21
06	SCT	NC			10.00		49	36	43	61	8	33	30.14	30.25
09	CLR	NC			10.00		53	35	45	51	13	36	30.19	30.31
12	CLR	NC			10.00		61	31	47	32	13	32	30.16	30.27
15	CLR	NC			10.00		65	25	47	22	15	31	30.07	30.19
18	CLR	NC			10.00		61	23	45	23	9	34	30.07	30.19
21	CLR	NC			10.00		46	36	42	68	3	32	30.11	30.23
24	CLR	NC			10.00		40	36	38	86	0	00	30.10	30.22
SUNRISE: 0654 FEB 23 SUNSET: 1815														
03	CLR	NC			10.00		37	35	36	93	0	00	30.07	30.19
06	CLR	NC			10.00		35	34	35	96	0	00	30.05	30.17
09	FEW	NC			10.00		50	38	44	63	3	12	30.09	30.21
12	FEW	NC			10.00		64	29	48	27	5	VR	30.06	30.18
15	FEW	NC			10.00		69	33	52	26	9	16	29.96	30.08
18	SCT	NC			10.00		63	43	53	48	13	13	29.98	30.10
21	FEW	NC			10.00		56	41	49	57	8	17	30.02	30.13
24	FEW	NC			10.00		46	42	44	86	3	14	30.02	30.14
SUNRISE: 0653 FEB 24 SUNSET: 1816														
03	SCT	NC			10.00		50	45	48	83	6	15	29.95	30.07
06	FEW	NC			10.00		48	45	47	89	0	00	29.95	30.06
09	FEW	NC			10.00		60	51	55	72	8	16	29.99	30.10
12	SCT	NC			10.00		71	50	59	47	15	15	29.99	30.11
15	SCT	NC			10.00		74	50	60	43	15	15	29.89	30.01
18	SCT	NC			10.00		69	54	60	59	20	15	29.86	29.97
21	SCT	NC			10.00		62	56	59	81	12	15	29.89	30.00
24	SCT	NC			10.00		61	58	59	90	9	16	29.89	30.01

OBSERVATIONS AT 3–HOURLY INTERVALS

HOUSTON, TX

FEBRUARY 2002 IAH WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE: 0652	FEB 25			SUNSET: 1817					
03	OVC	040			10.00		61	59	60	93	5	16	29.88	30.00
06	BKN	038			10.00		59	58	58	96	3	15	29.88	29.99
09	BKN	039			10.00		67	61	63	81	6	17	29.93	30.04
12	OVC	048			10.00		72	59	64	64	9	22	29.94	30.05
15	OVC	055			10.00		76	60	66	58	7	27	29.88	29.99
18	BKN	250			10.00		72	58	64	61	6	29	29.89	30.01
21	BKN	045			10.00		63	45	54	52	14	33	29.98	30.09
24	SCT	NC			10.00		52	37	45	57	14	35	30.08	30.19
					SUNRISE: 0651	FEB 26			SUNSET: 1818					
03	OVC	055			10.00		44	32	39	63	18	35	30.14	30.25
06	BKN	060			10.00		38	24	33	57	15	33	30.23	30.34
09	SCT	NC			10.00		37	20	31	50	14	36	30.31	30.43
12	OVC	090			10.00		39	14	31	36	17	35	30.37	30.49
15	BKN	090			10.00		41	10	31	28	23	34	30.33	30.45
18	FEW	NC			10.00		43	7	32	23	16	32	30.31	30.43
21	CLR	NC			10.00		35	7	27	31	6	31	30.37	30.49
24	CLR	NC			10.00		32	6	25	33	5	33	30.39	30.50
					SUNRISE: 0649	FEB 27			SUNSET: 1818					
03	CLR	NC			10.00		28	13	24	53	5	26	30.37	30.49
06	CLR	NC			10.00		25	13	22	60	8	28	30.36	30.48
09	FEW	NC			10.00		34	8	26	34	0	00	30.39	30.51
12	BKN	250			10.00		44	8	33	23	10	02	30.31	30.43
15	BKN	250			10.00		48	5	34	17	5	VR	30.18	30.29
18	SCT	NC			10.00		48	9	35	20	9	08	30.14	30.26
21	FEW	NC			10.00		36	20	30	52	0	00	30.16	30.28
24	BKN	250			10.00		31	22	28	69	0	00	30.22	30.33
					SUNRISE: 0648	FEB 28			SUNSET: 1819					
03	FEW	NC			10.00		29	22	27	75	0	00	30.18	30.30
06	FEW	NC			10.00		30	20	27	66	3	02	30.17	30.29
09	BKN	250			10.00		40	28	35	63	7	07	30.20	30.32
12	OVC	060			10.00		52	32	43	47	14	13	30.15	30.27
15	OVC	055			10.00		55	33	45	44	13	11	30.04	30.15
18	OVC	042			10.00		51	32	43	48	14	12	30.00	30.12
21	OVC	035			10.00		50	39	45	66	10	09	29.99	30.11
24	BKN	029			10.00		50	43	47	77	10	09	29.93	30.05
					SUNRISE:	FEB 29			SUNSET:					
					SUNRISE:	FEB 30			SUNSET:					

HOUR (LST)	SKY COVER	CEILING 100'S OF FT	SATELLITE: OBSERVATION TIME (LST)	SATELLITE: EFF CLD AMT Oktas	VISIBILITY (MILES)	WEATHER	TEMPERATURE ℉: DRY BULB	TEMPERATURE ℉: DEW POINT	TEMPERATURE ℉: WET BULB	RELATIVE HUMIDITY (PCT)	WIND: SPEED (MPH)	WIND: DIRECTION TENS OF DEG	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL
					SUNRISE:	FEB 31			SUNSET:					

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, VV = Vertical Visibilty = 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: CEILOMETER	EFF CLD AMT	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (INCHES,HG): STATION	PRESSURE (INCHES,HG): SEA LEVEL	VISIBILITY (MILES)	WIND SPEED (MPH)	RESULTANT WIND (MPH): SPEED	RESULTANT WIND (MPH): DIRECTION
01			46	39	43	81	30.11	30.22	9.61	4	2	35
02			45	39	42	81	30.10	30.22	9.79	4	2	35
03			44	38	42	82	30.09	30.21	9.79	5	2	35
04			43	38	41	82	30.09	30.21	9.79	6	2	36
05			43	37	40	83	30.09	30.21	9.75	5	3	35
06			42	37	40	83	30.11	30.22	9.57	5	2	34
07			42	37	40	85	30.12	30.23	9.27	5	2	36
08			44	39	42	83	30.13	30.25	9.14	6	2	1
09			49	40	45	72	30.15	30.27	9.07	7	3	4
10			53	39	47	62	30.15	30.27	9.36	9	3	9
11			56	38	48	54	30.15	30.26	9.43	8	3	8
12			58	37	48	50	30.13	30.25	9.61	9	2	5
13			59	37	49	48	30.10	30.22	9.43	9	1	35
14			60	37	50	46	30.07	30.19	9.71	9	2	34
15			61	37	50	45	30.05	30.17	9.82	9	0	0
16			61	37	50	45	30.05	30.16	9.64	9	0	0
17			60	37	50	47	30.05	30.16	9.96	9	1	4
18			57	38	48	53	30.06	30.17	9.82	9	2	6
19			54	40	48	63	30.07	30.19	9.68	7	2	7
20			52	41	47	68	30.08	30.20	9.68	7	1	5
21			51	41	46	70	30.10	30.21	9.96	6	1	3
22			49	41	45	74	30.11	30.22	9.82	5	2	36
23			48	40	45	78	30.11	30.22	9.79	4	1	2
24			47	40	44	80	30.10	30.22	9.64	4	1	2

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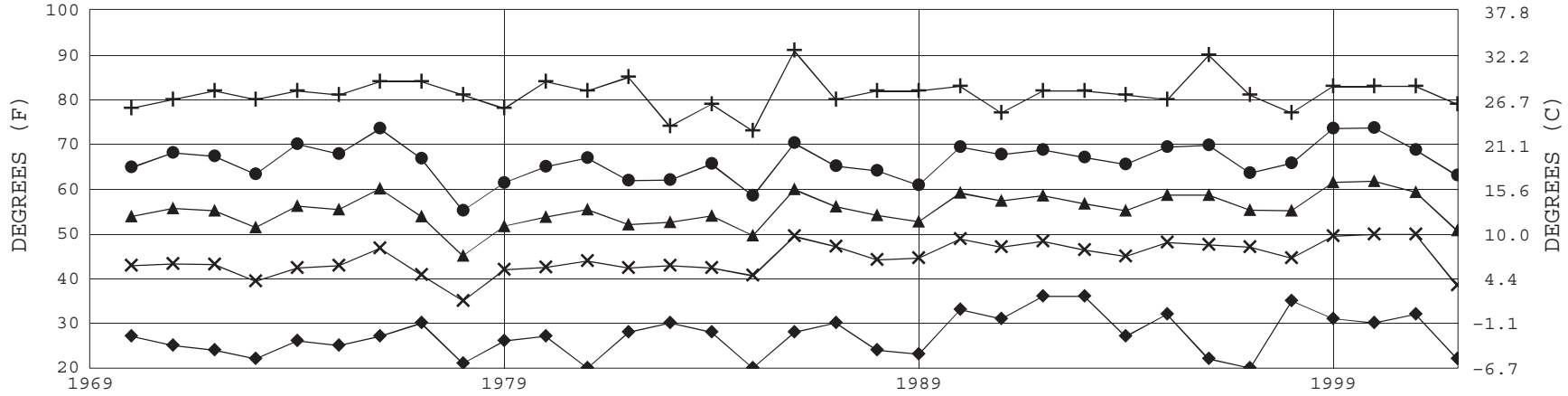
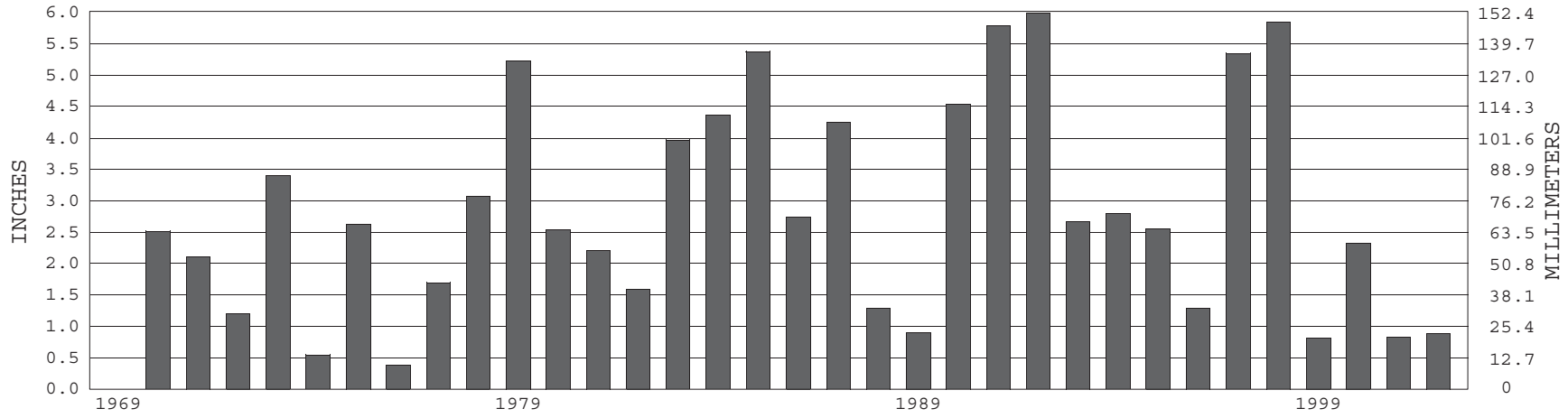
HOUSTON, TX FEBRUARY TEMPERATURES



Long-Term (1969-2002) Mean: 53.7 1961-1990 Normal: 55.4

HOUSTON, TX FEBRUARY PRECIPITATION



Long-Term (1969-2002) Mean Monthly Total: 2.76 1961-1990 Normal: 2.98

FEBRUARY 2002

HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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