



OCTOBER 2017 LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

HOUSTON, TX

G BUSH INTERCONTINENTAL AP/HOUSTON AP (KIAH)

Lat:29° 58'N Long: 95° 21'W Elev (Ground) 95 Feet

Time Zone : CENTRAL

WBAN: 12960 ISSN#: 0198-5094



OCTOBER 2017
HOUSTON, TX

Date 1	Temperature °F						Deg Days BASE 65°		WEATHER 10	SNOW/ICE ON GND(IN)		PRECIPITATION ON GND(IN)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								Date 24	
	MAXIMUM 2	MINIMUM 3	AVERAGE 4	DEP FROM NORMAL 5	AVERAGE DEW PT 6	AVERAGE WET BULB 7	HEATING 8	COOLING 9		0600 LST 11	1200 LST 12	2400 LST 13	2400 LST 14	AVERAGE STATION 15	AVERAGE SEA LEVEL 16	RESULTANT SPEED 17	RES DIR 18	AVERAGE SPEED 19	MAXIMUM						
																			3-SEC		2-MIN				
																		SPEED 20	DIR 21	SPEED 22	DIR 23				
01	91	66	79	4	65	70	0	14		0		0.0	0.00	29.81	29.93	2.8	11	4.4	15	12	10	13	01		
02	90	73	82	7	72	74	0	17	RA BR	0		0.0	T	29.83	29.93	7.8	09	9.2	23	10	18	10	02		
03	82	77	80	5	76	77	0	15	TS TSRA RA BR	0		0.0	2.13	29.98	30.07	9.3	11	9.6	24	14	18	09	03		
04	89	71	80	6	70	73	0	15		0		0.0	0.00	30.03	30.15	7.6	08	8.5	23	10	17	10	04		
05	88	70	79	5	67	71	0	14		0		0.0	0.00	29.93	30.07	4.8	07	5.5	17	08	13	06	05		
06	87	66	77	4	65	69	0	12		0		0.0	0.00	29.78	29.92	2.8	11	4.2	16	13	13	12	06		
07	90	68	79	6	71	73	0	14	RA BR	0		0.0	T	29.61	29.74	3.3	36	4.0	15	36	12	01	07		
08	93	71	82	9	71	74	0	17		0		0.0	0.00	29.59	29.70	1.8	19	3.0	16	12	14	13	08		
09	94*	71	83*	10	73	76	0	18	MIFG	0		0.0	0.00	29.70	29.80	4.2	17	4.6	17	15	13	16	09		
10	81	67	74	2	63	68	0	9	MIFG BR	0		0.0	0.00	29.95	30.04	9.1	35	9.5	27	35	22	35	10		
11	84	62	73	1	57	63	0	8		0		0.0	0.00	29.98	30.10	6.8	36	7.0	17	36	14	35	11		
12	91	65	78	6	66	70	0	13		0		0.0	0.00	29.93	30.05	1.4	10	3.6	12	12	9	12	12		
13	92	70	81	10	72	74	0	16	MIFG BR	0		0.0	0.00	29.93	30.05	2.7	14	4.1	13	15	10	14	13		
14	91	70	81	10	73	75	0	16	FG+ MIFG BCFG BR	0		0.0	0.00	29.91	30.03	5.0	14	5.5	20	14	16	13	14		
15	92	69	81	10	68	71	0	16	MIFG	0		0.0	0.00	29.99	30.09	8.3	35	8.9	26	35	22	34	15		
16	78	56	67	-3	49	57	0	2		0		0.0	0.00	30.11	30.22	10.8	01	11.1	30	04	23	01	16		
17	79	51	65	-5	47	55	0	0		0		0.0	0.00	30.08	30.20	4.2	03	5.0	16	05	12	02	17		
18	83	50	67	-3	57	61	0	2	MIFG	0		0.0	0.00	30.01	30.14	2.8	12	4.1	13	13	10	14	18		
19	85	60	73	3	62	66	0	8		0		0.0	0.00	29.98	30.11	4.4	10	6.2	18	13	14	13	19		
20	80	67	74	5	70	71	0	9	TS TSRA RA BR	0		0.0	0.02	29.88	30.01	9.0	10	10.2	27	11	22	13	20		
21	87	69	78	9	74	75	0	13	TS RA FG+ FG BR	0		0.0	0.04	29.82	29.94	7.6	13	8.2	23	14	21	14	21		
22	76	60	68	0	63	65	0	3	TS TSRA RA MIFG BR	0		0.0	0.97	29.96	30.06	5.4	01	7.6	44*	02	35*	02	22		
23	81	51	66	-2	50	57	0	1		0		0.0	0.00	29.99	30.10	1.1	33	1.8	11	33	9	35	23		
24	77	56	67	-1	39	53	0	2		0		0.0	0.00	30.13	30.23	9.5	34	10.4	30	36	25	35	24		
25	77	46	62	-5	39	50	3	0		0		0.0	0.00	30.02	30.16	3.1	27	4.6	17	28	14	33	25		
26	83	49	66	-1	52	58	0	1		0		0.0	0.00	29.78	29.92	6.3	19	7.0	27	16	20	17	26		
27	70	49	60	-7	47	54	5	0	RA	0		0.0	T	29.86	29.96	10.7	34	11.7	33	34	24	34	27		
28	62	41	52*	-14	30	43	13	0		0		0.0	0.00	30.01	30.12	10.1	34	10.4	28	01	21	36	28		
29	71	35*	53	-13	30	44	12	0		0		0.0	0.00	29.93	30.06	2.6	22	3.2	14	22	12	22	29		
30	80	44	62	-4	51	56	3	0		0		0.0	0.00	29.88	29.99	4.1	18	4.6	21	17	15	16	30		
31	81	60	71	5	64	65	0	6	RA	0		0.0	0.26	29.87	30.00	6.1	11	7.3	26	12	22	12	31		
										< MONTHLY AVERAGES TOTALS >				0.0	3.42	29.91	30.03	2.1	05	6.6	< MONTHLY AVERAGES				
										<-----DEPARTURE FROM NORMAL----->				-2.28	SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3										
DEGREE DAYS										GREATEST 24-HR PRECIPITATION : 2.13 DATE : 03				SEA LEVEL PRESSURE				DATE TIME							
MONTHLY										GREATEST 24-HR SNOWFALL : 0.0 DATE :				MAXIMUM : 30.31				24 1000							
TOTAL DEPARTURE										GREATEST SNOW DEPTH : 0 DATE :				MINIMUM : 29.64				08 1704							
SEASON TO DATE										NUMBER OF ->				MAXIMUM TEMP >= 90 : 9				MINIMUM TEMP <= 32 : 0				PRECIPITATION >= 0.01 INCH: 5			
HEATING : 36 7 36 6										MAXIMUM TEMP <= 32 : 0				MINIMUM TEMP <= 0 : 0				PRECIPITATION >= 0.10 INCH: 3							
COOLING : 261 32 3364 310										THUNDERSTORMS : 4				HEAVY FOG : 2				SNOWFALL >= 1.0 INCH : 0							

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

HOUSTON, TX (KIAH)
OCTOBER 2017

WBAN # 12960

Date	FOR HOUR (LST) ENDING AT												Date	FOR HOUR (LST) ENDING AT												Date	Sum of Hourly Data	2400 LST Water Equiv.
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			
01													01												01	0.00	0.00	
02													02												02	T	T	
03		0.01	T			T	0.04	0.02	0.05	0.40	0.99	0.44	03	0.09	0.07	0.02									03	2.13	2.13	
04													04												04	0.00	0.00	
05													05												05	0.00	0.00	
06													06												06	0.00	0.00	
07													07												07	T	T	
08													08												08	0.00	0.00	
09													09												09	0.00	0.00	
10													10												10	0.00	0.00	
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												16	0.00	0.00	
17													17												17	0.00	0.00	
18													18												18	0.00	0.00	
19													19												19	0.00	0.00	
20	T	T			T	0.01							20	T			0.01								20	0.02	0.02	
21													21	0.04	T										21	0.04	0.04	
22													22												22	0.97	0.97	
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													27												27	T	T	
28													28												28	0.00	0.00	
29													29												29	0.00	0.00	
30													30												30	0.00	0.00	
31													31			0.02	0.07	T	0.07	0.04	0.03	0.02	0.01		T	31	0.26	0.26

* 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)	0.27	0.48	0.66	0.85	1.09	1.22	1.23	1.39	1.42	1.45	1.75	1.92
Ending Date	03	03	03	03	03	03	03	03	03	03	03	03
Ending Time (Hr/Min)	1022	1022	1020	1022	1023	1029	1023	1029	1029	1158	1208	1208

Note : The hourly and daily precipitation totals are printed in the last 2 columns and hi-lighted in red when they disagree. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one).

T = Trace precipitation amount.

+ = also occurs on earlier date.

FG+ = Heavy fog, visibility .25 miles or less.

BLANK entries denote missing or unreported data.

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Ceilometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR-SS), or midnight to midnight (MN-MN).

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unkown Precipitation		GL Glaze

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

HOUSTON, TX OCTOBER 2017

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet.

Clear = 0-2 oktas, Partly Cloudy = 3-6 oktas, Cloudy = 7-8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

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

NORMALS ARE FOR THE YEARS 1981-2010

ADDITIONAL NOTES & ERRATA:

Date	VISIBILITY (MILES)	
	MINIMUM	MAXIMUM
01	9.00	10.00
02	6.00	10.00
03	1.00	10.00
04	10.00	10.00
05	10.00	10.00
06	9.00	10.00
07	3.00	10.00
08	10.00	10.00
09	7.00	10.00
10	3.00	10.00
11	7.00	10.00
12	7.00	10.00
13	3.00	10.00
14	0.25	10.00
15	5.00	10.00
16	9.00	10.00
17	10.00	10.00
18	7.00	10.00
19	7.00	10.00
20	4.00	10.00
21	0.25	10.00
22	1.00	10.00
23	9.00	10.00
24	10.00	10.00
25	10.00	10.00
26	10.00	10.00
27	10.00	10.00
28	10.00	10.00
29	10.00	10.00
30	10.00	10.00
31	6.00	10.00
AVGS	6.89	10.00
MINIMUM VISIBILITY (MILES)		
<= .25	<= 3.0	>= 7.0
2	7	20

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
OCTOBER 2017

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
SUNRISE: 0615					OCT 01					SUNSET: 1808					SUNRISE: 0618					OCT 07					SUNSET: 1801				
03	FEW	250	10.00		69	62	65	78	3	34	29.86	29.97	03	SCT	050	10.00		70	66	67	87	0	00	29.63	29.74				
06	SCT	250	10.00		66	61	63	84	3	01	29.85	29.96	06	OVC	030	10.00		72	66	68	82	3	34	29.65	29.76				
09	FEW	250	10.00		76	63	68	64	3	09	29.88	29.99	09	OVC	008	10.00		76	69	71	79	6	36	29.68	29.79				
12	SCT	250	10.00		89	65	73	45	3	VR	29.85	29.96	12	SCT	050	10.00		86	76	79	72	3	36	29.65	29.75				
15	SCT	250	10.00		90	66	74	45	8	13	29.78	29.88	15	BKN	250	10.00		89	74	78	61	8	33	29.59	29.70				
18	FEW	050	10.00		83	67	72	59	8	11	29.76	29.87	18	FEW	250	10.00		85	72	76	65	6	02	29.58	29.68				
21	CLR	NC	10.00		76	70	72	82	7	13	29.80	29.91	21	BKN	250	10.00		77	74	75	90	0	00	29.60	29.71				
24	FEW	030	10.00		76	72	73	88	6	12	29.80	29.91	24	BKN	250	10.00		77	74	75	90	0	00	29.61	29.71				
SUNRISE: 0615					OCT 02					SUNSET: 1807					SUNRISE: 0619					OCT 08					SUNSET: 1759				
03	SCT	025	7.00		73	71	72	94	5	05	29.79	29.90	03	FEW	250	10.00		76	72	73	88	5	30	29.59	29.69				
06	SCT	050	7.00		73	71	72	94	8	08	29.81	29.92	06	FEW	250	10.00		72	70	71	94	0	00	29.61	29.71				
09	OVC	250	10.00		77	74	75	90	13	11	29.86	29.97	09	SCT	250	10.00		82	72	75	72	0	00	29.64	29.74				
12	OVC	080	10.00		84	73	76	70	9	11	29.85	29.96	12	BKN	250	10.00		89	70	76	53	0	00	29.61	29.71				
15	SCT	100	10.00		89	69	75	52	10	06	29.78	29.89	15	SCT	250	10.00		92	67	75	44	0	00	29.55	29.65				
18	BKN	250	10.00		83	72	75	70	14	07	29.81	29.91	18	SCT	060	10.00		86	75	78	70	10	12	29.55	29.66				
21	BKN	038	6.00	-RA BR	77	74	75	90	10	06	29.84	29.94	21	FEW	050	10.00		82	74	76	77	5	18	29.60	29.70				
24	FEW	020	10.00		79	75	76	88	8	15	29.86	29.97	24	CLR	NC	10.00		79	73	75	82	3	19	29.62	29.72				
SUNRISE: 0616					OCT 03					SUNSET: 1806					SUNRISE: 0619					OCT 09					SUNSET: 1758				
03	BKN	050	8.00		78	76	77	93	6	13	29.86	29.97	03	CLR	NC	8.00	MIFG	73	71	72	94	0	00	29.63	29.73				
06	BKN	065	10.00	-RA	78	76	77	93	8	09	29.91	30.02	06	FEW	015	7.00	MIFG	73	72	72	96	0	00	29.67	29.78				
09	OVC	048	2.00	-TSRA BR	79	76	77	90	10	12	29.97	30.08	09	SCT	018	10.00		84	76	78	77	6	14	29.72	29.82				
12	OVC	040	2.00	TS+RA BR	78	76	77	93	15	11	30.01	30.12	12	SCT	038	10.00		90	72	77	56	3	VR	29.70	29.80				
15	OVC	100	10.00	-RA	78	76	77	93	11	09	29.96	30.07	15	SCT	250	10.00		92	71	77	51	7	19	29.66	29.76				
18	SCT	070	10.00		79	76	77	90	14	11	30.00	30.11	18	FEW	250	10.00		87	74	78	65	10	16	29.68	29.79				
21	OVC	220	10.00		78	76	77	93	9	11	30.05	30.16	21	FEW	250	10.00		82	74	76	77	7	17	29.75	29.85				
24	OVC	250	10.00		78	75	76	90	11	10	30.06	30.16	24	FEW	250	10.00		76	74	75	94	5	18	29.80	29.90				
SUNRISE: 0616					OCT 04					SUNSET: 1805					SUNRISE: 0620					OCT 10					SUNSET: 1757				
03	SCT	250	10.00		76	71	73	85	11	10	30.03	30.15	03	FEW	250	7.00		76	74	75	94	3	32	29.82	29.93				
06	SCT	250	10.00		73	68	70	84	8	06	30.06	30.18	06	FEW	250	6.00	BR	76	73	74	91	0	00	29.88	29.98				
09	SCT	250	10.00		78	69	72	74	11	09	30.10	30.21	09	OVC	027	10.00		74	61	66	64	14	34	29.96	30.06				
12	BKN	030	10.00		86	71	76	61	10	10	30.08	30.18	12	BKN	250	10.00		79	61	68	54	13	35	29.97	30.08				
15	SCT	250	10.00		88	68	74	52	6	VR	30.01	30.11	15	BKN	250	10.00		78	60	67	54	13	34	29.95	30.06				
18	SCT	250	10.00		83	68	73	61	8	05	30.00	30.11	18	BKN	250	10.00		76	60	66	58	8	35	29.96	30.07				
21	SCT	250	10.00		76	71	73	85	6	11	30.03	30.14	21	OVC	080	10.00		71	55	62	57	14	35	30.01	30.12				
24	SCT	250	10.00		75	71	72	88	0	00	30.02	30.12	24	BKN	250	10.00		67	54	60	63	10	36	30.00	30.10				
SUNRISE: 0617					OCT 05					SUNSET: 1804					SUNRISE: 0621					OCT 11					SUNSET: 1755				
03	SCT	250	10.00		71	69	70	94	5	04	30.00	30.11	03	BKN	250	10.00		64	55	59	73	10	36	29.98	30.10				
06	SCT	250	10.00		71	68	69	90	5	03	29.98	30.10	06	SCT	250	10.00		62	54	58	75	11	36	30.02	30.13				
09	FEW	250	10.00		78	70	73	76	7	10	30.01	30.12	09	FEW	250	10.00		68	54	60	61	10	35	30.06	30.16				
12	SCT	250	10.00		85	65	72	51	7	07	29.97	30.08	12	FEW	250	10.00		76	56	64	50	7	35	30.03	30.14				
15	SCT	250	10.00		84	62	70	48	11	09	29.90	30.01	15	FEW	250	10.00		82	56	66	41	0	00	29.97	30.08				
18	FEW	250	10.00		78	65	70	64	7	09	29.89	30.00	18	FEW	250	10.00		76	56	64	50	8	03	29.95	30.06				
21	FEW	250	10.00		72	68	69	87	0	00	29.92	30.03	21	FEW	250	10.00		71	58	63	63	0	00	29.97	30.08				
24	FEW	050	10.00		70	68	69	93	0	00	29.91	30.01	24	CLR	NC	9.00		67	59	62	76	0	00	29.96	30.07				
SUNRISE: 0618					OCT 06					SUNSET: 1802					SUNRISE: 0621					OCT 12					SUNSET: 1754				
03	FEW	250	9.00		69	66	67	90	3	35	29.87	29.98	03	CLR	NC	10.00		67	60	63	79	0	00	29.94	30.05				
06	FEW	250	10.00		66	64	65	93	0	00	29.88	29.98	06	FEW	250	10.00		65	61	63	87	3	34	29.96	30.07				
09	CLR	NC	10.00		78	67	71	69	6	06	29.89	30.00	09	CLR	NC	10.00		76	63	68	64	6	07	30.00	30.11				
12	SCT	042	10.00		84	65	71	53	6	10	29.84	29.95	12	CLR	NC	10.00		85	69	74	59	0	00	29.96	30.06				
15	FEW	050	10.00		86	63	71	46	9	12	29.76	29.86	15	FEW	045	10.00		88	69	75	54	6	17	29.89	29.99				
18	FEW	250	10.00		80	65	70	60	6	18	29.72	29.83	18	FEW	050	7.00		82	71	74	69	7	11	29.88	29.99				
21	CLR	NC	10.00		71	66	68	84	0	00	29.72	29.83	21	FEW	050	7.00		77	72	74	85	6	16	29.93	30.04				
24	FEW	055	10.00		70	66	67	87	0	00	29.69	29.80	24	FEW	045	8.00		72	71	71	97	0	00	29.94	30.05				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
OCTOBER 2017

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL						DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL				
SUNRISE: 0622					OCT 13					SUNSET: 1753					SUNRISE: 0626					OCT 19					SUNSET: 1747				
03	CLR	NC	7.00	MIFG	72	71	71	97	3	01	29.93	30.03	03	BKN	250	7.00		61	60	60	97	3	02	29.98	30.10				
06	CLR	NC	3.00	BR	72	72	72	100	0	00	29.96	30.07	06	BKN	250	10.00		65	63	64	93	5	VR	30.01	30.12				
09	CLR	NC	7.00		82	74	76	77	5	VR	30.00	30.11	09	SCT	250	10.00		74	66	69	76	7	07	30.03	30.15				
12	SCT	033	10.00		89	72	77	57	5	14	29.98	30.08	12	BKN	250	10.00		82	64	70	55	9	09	30.01	30.12				
15	SCT	048	10.00		89	71	76	55	9	14	29.91	30.01	15	BKN	250	10.00		84	62	70	48	10	14	29.96	30.07				
18	FEW	050	10.00		83	71	75	67	6	12	29.90	30.01	18	BKN	170	10.00		75	64	68	69	10	13	29.97	30.08				
21	FEW	045	7.00		80	74	76	82	6	18	29.95	30.05	21	BKN	250	10.00		70	61	65	73	7	10	29.98	30.10				
24	CLR	NC	6.00	BR	75	75	75	100	0	00	29.94	30.04	24	BKN	250	10.00		69	62	65	78	6	07	29.98	30.09				
SUNRISE: 0623					OCT 14					SUNSET: 1752					SUNRISE: 0627					OCT 20					SUNSET: 1746				
03	CLR	NC	5.00	MIFG BR	73	73	73	100	0	00	29.93	30.03	03	BKN	250	10.00		69	65	66	87	6	03	29.92	30.03				
06	SCT	005	2.00	MIFG BR	71	71	71	100	0	00	29.96	30.06	06	SCT	025	9.00		71	70	70	96	3	VR	29.93	30.04				
09	FEW	016	9.00		81	77	78	88	6	13	29.98	30.08	09	OVC	025	7.00		74	72	73	94	20	10	29.98	30.08				
12	SCT	050	10.00		88	73	77	61	8	17	29.94	30.05	12	BKN	095	10.00		79	73	75	82	14	12	29.93	30.03				
15	FEW	040	10.00		90	71	77	54	14	14	29.87	29.97	15	BKN	250	10.00		78	73	75	85	13	11	29.87	29.97				
18	FEW	035	10.00		83	67	72	59	13	14	29.87	29.98	18	BKN	250	7.00		74	73	73	97	11	11	29.83	29.94				
21	FEW	030	10.00		76	73	74	91	5	18	29.93	30.03	21	OVC	030	10.00		74	72	73	94	7	11	29.86	29.97				
24	CLR	NC	10.00		73	72	72	96	0	00	29.91	30.01	24	BKN	036	8.00		73	72	72	96	6	10	29.84	29.95				
SUNRISE: 0623					OCT 15					SUNSET: 1751					SUNRISE: 0627					OCT 21					SUNSET: 1745				
03	FEW	250	9.00	MIFG	70	70	70	100	0	00	29.89	29.99	03	BKN	250	7.00		70	70	70	100	5	11	29.81	29.91				
06	FEW	150	10.00	MIFG	71	71	71	100	3	35	29.93	30.03	06	VV	004	0.25	FG	71	71	71	100	3	05	29.84	29.95				
09	SCT	150	10.00		81	74	76	79	5	VR	30.00	30.11	09	SCT	060	10.00		79	75	76	88	5	10	29.87	29.98				
12	SCT	250	10.00		89	70	76	53	11	33	29.98	30.09	12	SCT	040	10.00		85	75	78	72	13	15	29.83	29.94				
15	BKN	250	10.00		86	72	76	63	16	34	29.94	30.04	15	SCT	044	10.00		85	76	79	75	17	13	29.78	29.89				
18	BKN	250	10.00		75	65	69	71	16	34	30.01	30.12	18	SCT	250	10.00		80	76	77	87	14	13	29.80	29.90				
21	BKN	250	10.00		74	62	67	67	9	36	30.06	30.18	21	FEW	250	10.00		77	75	76	94	11	15	29.82	29.93				
24	BKN	085	10.00		71	51	60	49	13	36	30.08	30.19	24	BKN	250	9.00		75	75	75	100	5	16	29.85	29.96				
SUNRISE: 0624					OCT 16					SUNSET: 1750					SUNRISE: 0628					OCT 22					SUNSET: 1744				
03	FEW	070	10.00		65	49	56	56	9	36	30.08	30.19	03	SCT	015	4.00	MIFG BR	73	73	73	100	0	00	29.85	29.96				
06	FEW	070	10.00		60	49	54	67	10	35	30.13	30.24	06	SCT	080	8.00		74	74	74	100	0	00	29.88	29.98				
09	FEW	085	10.00		66	47	56	50	20	03	30.19	30.29	09	SCT	032	10.00		63	61	62	93	15	06	30.02	30.13				
12	FEW	250	10.00		75	47	59	37	18	36	30.14	30.24	12	BKN	120	10.00		67	64	65	91	9	33	29.98	30.10				
15	FEW	250	10.00		77	45	59	32	15	03	30.06	30.17	15	BKN	042	10.00		73	61	66	66	10	34	29.97	30.08				
18	FEW	250	10.00		70	47	57	44	7	03	30.08	30.19	18	FEW	030	10.00		71	59	64	66	0	00	29.97	30.08				
21	CLR	NC	10.00		62	50	56	65	5	04	30.13	30.24	21	CLR	NC	10.00		66	60	62	81	9	34	30.02	30.13				
24	CLR	NC	10.00		57	50	53	78	3	03	30.13	30.24	24	CLR	NC	10.00		61	52	56	72	6	32	30.03	30.14				
SUNRISE: 0625					OCT 17					SUNSET: 1749					SUNRISE: 0629					OCT 23					SUNSET: 1743				
03	CLR	NC	10.00		54	47	50	77	5	03	30.11	30.23	03	CLR	NC	10.00		56	51	53	84	7	34	30.02	30.12				
06	CLR	NC	10.00		53	46	49	77	3	04	30.14	30.25	06	CLR	NC	10.00		52	50	51	93	0	00	30.03	30.13				
09	CLR	NC	10.00		63	47	55	56	9	06	30.18	30.29	09	CLR	NC	10.00		64	53	58	68	0	00	30.05	30.16				
12	CLR	NC	10.00		73	46	58	38	10	04	30.13	30.23	12	CLR	NC	10.00		76	41	57	29	3	30	30.02	30.13				
15	CLR	NC	10.00		79	45	60	30	10	02	30.03	30.15	15	CLR	NC	10.00		80	43	60	27	3	02	29.96	30.07				
18	CLR	NC	10.00		69	47	57	45	5	36	30.03	30.14	18	FEW	250	10.00		66	53	59	63	0	00	29.94	30.05				
21	CLR	NC	10.00		61	50	55	67	0	00	30.06	30.18	21	FEW	250	10.00		60	53	56	78	0	00	29.98	30.10				
24	CLR	NC	10.00		54	51	52	90	0	00	30.06	30.16	24	CLR	NC	10.00		57	54	55	90	3	16	30.02	30.12				
SUNRISE: 0625					OCT 18					SUNSET: 1748					SUNRISE: 0629					OCT 24					SUNSET: 1742				
03	CLR	NC	8.00		54	51	52	90	0	00	30.03	30.14	03	CLR	NC	10.00		60	52	56	75	8	31	30.06	30.16				
06	CLR	NC	10.00		53	50	51	89	0	00	30.03	30.15	06	CLR	NC	10.00		58	49	53	72	6	35	30.13	30.24				
09	CLR	NC	10.00		68	54	60	61	0	00	30.08	30.19	09	CLR	NC	10.00		66	44	55	45	8	01	30.19	30.30				
12	CLR	NC	10.00		78	57	65	48	0	00	30.05	30.16	12	CLR	NC	10.00		76	32	54	20	18	35	30.16	30.27				
15	FEW	250	10.00		83	59	68	44	6	13	29.98	30.10	15	CLR	NC	10.00		77	30	54	18	21	35	30.09	30.19				
18	FEW	250	7.00		73	61	66	66	7	12	29.98	30.09	18	CLR	NC	10.00		70	28	51	21	11	33	30.08	30.19				
21	SCT	250	10.00		68	64	66	87	8	13	30.02	30.13	21	CLR	NC	10.00		63	33	49	33	9	30	30.14	30.24				
24	SCT	250	7.00		64	63	63	96	5	13	30.01	30.12	24	CLR	NC	10.00		57	35	47	44	3	32	30.16	30.28				

OBSERVATIONS AT 3-HOURLY INTERVALS

HOUSTON, TX
OCTOBER 2017

KIAH

WBAN # 12960

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)						
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL					
SUNRISE: 0630					OCT 25								SUNSET: 1741				
03	CLR	NC	10.00		49	39	44	69	0	00	30.16	30.27					
06	CLR	NC	10.00		46	39	43	77	0	00	30.14	30.26					
09	CLR	NC	10.00		61	40	51	46	3	28	30.16	30.27					
12	CLR	NC	10.00		72	31	52	22	13	32	30.09	30.20					
15	CLR	NC	10.00		76	32	54	20	11	29	30.00	30.11					
18	CLR	NC	10.00		66	39	52	37	5	26	29.96	30.07					
21	CLR	NC	10.00		55	46	50	72	5	21	29.95	30.06					
24	CLR	NC	10.00		60	42	51	52	6	20	29.92	30.02					
SUNRISE: 0631					OCT 26								SUNSET: 1740				
03	CLR	NC	10.00		51	47	49	86	0	00	29.88	29.99					
06	CLR	NC	10.00		53	49	51	86	0	00	29.88	29.99					
09	CLR	NC	10.00		68	53	59	59	8	23	29.89	30.00					
12	FEW	250	10.00		79	52	63	39	14	18	29.81	29.92					
15	CLR	NC	10.00		82	54	65	38	13	20	29.71	29.82					
18	CLR	NC	10.00		75	54	63	48	10	17	29.72	29.83					
21	CLR	NC	10.00		70	57	62	64	8	17	29.73	29.84					
24	CLR	NC	10.00		66	58	61	75	6	16	29.72	29.83					
SUNRISE: 0631					OCT 27								SUNSET: 1739				
03	CLR	NC	10.00		67	60	63	79	3	17	29.70	29.81					
06	SCT	055	10.00		64	61	62	90	0	00	29.75	29.85					
09	BKN	065	10.00		67	59	62	76	15	32	29.82	29.93					
12	BKN	060	10.00		65	47	55	52	18	33	29.85	29.96					
15	BKN	100	10.00		68	45	56	44	16	32	29.82	29.93					
18	BKN	250	10.00		59	38	49	46	14	35	29.89	30.00					
21	OVC	100	10.00		55	34	45	45	23	36	29.96	30.07					
24	BKN	100	10.00		50	31	42	48	14	35	30.01	30.11					
SUNRISE: 0632					OCT 28								SUNSET: 1738				
03	SCT	100	10.00		46	32	40	58	11	34	30.00	30.11					
06	SCT	250	10.00		43	32	38	65	8	33	30.03	30.14					
09	SCT	250	10.00		51	30	42	44	13	01	30.08	30.19					
12	SCT	250	10.00		58	26	44	29	14	35	30.06	30.17					
15	SCT	250	10.00		62	27	47	26	16	33	29.98	30.09					
18	SCT	250	10.00		56	27	44	33	7	34	29.98	30.09					
21	CLR	NC	10.00		50	30	41	46	6	32	30.02	30.14					
24	CLR	NC	10.00		43	35	40	74	0	00	30.03	30.14					
SUNRISE: 0633					OCT 29								SUNSET: 1737				
03	CLR	NC	10.00		39	33	37	79	0	00	30.01	30.12					
06	CLR	NC	10.00		36	33	35	89	3	24	30.02	30.13					
09	CLR	NC	10.00		54	31	44	42	3	24	30.03	30.14					
12	CLR	NC	10.00		64	21	46	19	6	26	29.98	30.09					
15	CLR	NC	10.00		70	24	49	18	6	VR	29.89	30.00					
18	CLR	NC	10.00		63	31	48	30	5	20	29.87	29.98					
21	CLR	NC	10.00		58	36	48	44	6	18	29.89	30.00					
24	FEW	020	10.00		53	36	45	52	5	20	29.88	29.98					
SUNRISE: 0634					OCT 30								SUNSET: 1736				
03	CLR	NC	10.00		48	41	45	77	3	21	29.86	29.97					
06	CLR	NC	10.00		46	42	44	86	0	00	29.86	29.97					
09	CLR	NC	10.00		64	50	56	60	0	00	29.92	30.02					
12	SCT	049	10.00		76	54	63	47	10	19	29.89	30.00					
15	SCT	060	10.00		78	54	64	43	10	19	29.82	29.93					
18	SCT	250	10.00		71	59	64	66	6	17	29.84	29.95					
21	FEW	040	10.00		61	58	59	90	6	12	29.89	30.00					
24	BKN	060	10.00		63	61	62	93	0	00	29.93	30.04					

HOUR (LST)	SKY COVER	CEILING 100's of FT.	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)						
					DRY BULB	DEW POINT	WET BULB		SPEED (MPH)	DIRECTION Tens of Deg	STATION	SEA LEVEL					
SUNRISE: 0634					OCT 31								SUNSET: 1736				
03	FEW	035	10.00		60	60	60	100	0	00	29.91	30.02					
06	SCT	055	10.00		63	62	62	97	5	12	29.93	30.04					
09	SCT	030	10.00		72	67	69	84	5	04	29.97	30.08					
12	BKN	075	10.00		81	66	71	61	14	11	29.93	30.03					
15	OVC	110	8.00	-RA	70	66	67	87	13	12	29.86	29.97					
18	OVC	080	6.00	RA	68	67	67	96	11	13	29.85	29.95					
21	OVC	050	10.00		68	67	67	96	9	06	29.87	29.98					
24	OVC	090	10.00		67	66	66	97	6	13	29.82	29.92					

3-HOURLY OBSERVATION NOTES

Sky Cover is the amount of the sky obscured. CLR or SKC = 0, FEW = 1/8-2/8, SCT = 3/8-4/8, BKN = 5/8-7/8, OVC = 8/8, W = Vertical Visibility = 8/8

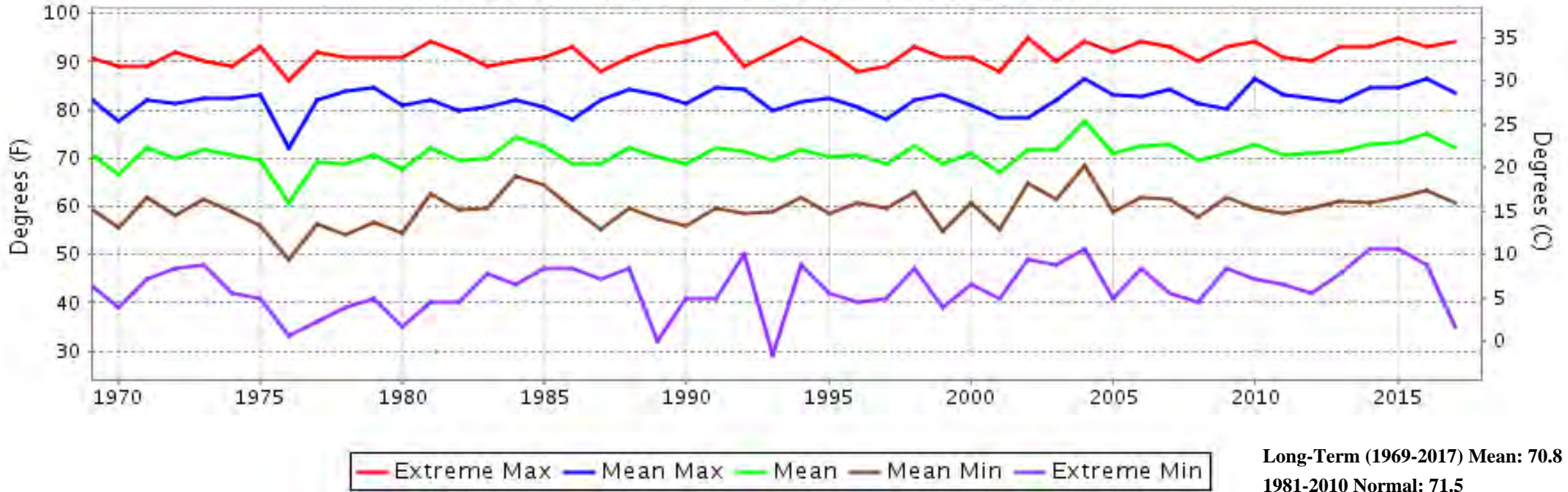
Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet. NC = No Ceiling detected.

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

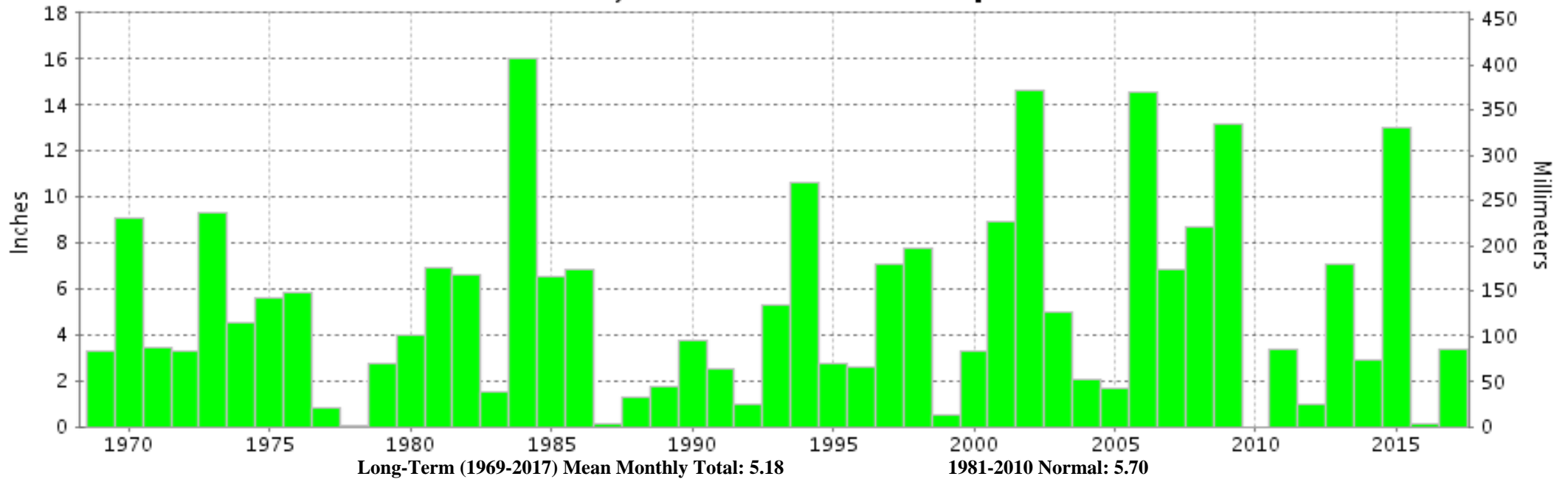
SUMMARY BY HOUR

HOUR (LST)	AVERAGES								RESULTANT WIND (MPH)	
	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY	PRESSURE (Inches, HG)		VISIBILITY (Miles)	WIND SPEED (MPH)	SPEED	DIRECTION
					STATION	SEA LEVEL				
01	66	60	63	82	29.92	30.03	9.37	3	1	10
02	65	60	62	85	29.91	30.02	9.19	4	2	10
03	64	60	62	86	29.91	30.02	8.90	4	1	10
04	64	60	62	87	29.91	30.02	8.73	3	1	10
05	64	60	62	88	29.92	30.03	8.75	4	1	10
06	64	60	62	88	29.93	30.04	8.78	3	1	10
07	63	60	62	89	29.95	30.05	8.46	5	2	09
08	68	61	64	81	29.96	30.07	8.78	6	2	09
09	72	61	66	70	29.97	30.08	9.52	8	4	09
10	75	60	66	61	29.97	30.08	9.48	8	3	09
11	78	60	67	57	29.96	30.07	9.77	8	3	09
12	79	59	67	53	29.94	30.05	9.74	9	2	09
13	81	59	68	50	29.91	30.02	9.81	9	1	09
14	81	58	68	49	29.89	30.00	9.81	9	1	10
15	81	58	68	49	29.88	29.99	9.94	10	2	09
16	81	58	68	50	29.88	29.98	10.00	9	3	09
17	79	59	67	54	29.88	29.98	9.58	10	3	09
18	75	60	66	61	29.88	29.99	9.58	9	4	09
19	72	60	65	68	29.90	30.01	9.87	8	3	09
20	71	61	65	72	29.91	30.02	9.81	6	2	09
21	70	61	65	75	29.92	30.03	9.68	7	2	09
22	69	61	64	77	29.93	30.04	9.61	6	2	09
23	68	60	64	79	29.93	30.03	9.58	5	2	09
24	67	60	63	81	29.92	30.03	9.58	4	2	10

HOUSTON, TX OCTOBER Temperatures



HOUSTON, TX OCTOBER Precipitation





OCTOBER 2017

HOUSTON, TX

LOCAL CLIMATOLOGICAL DATA

NOAA, National Centers for Environmental Information

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA-National Weather Service / Department Of Transportation-Federal Aviation Administration and received at the National Centers for Environmental Information (NCEI), Asheville, North Carolina 28801.

A handwritten signature in black ink that reads "Mary A. Wohlgemuth".

DIRECTOR

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