

Pacific Northwest National Laboratory

Operated by Battelle for the U.S. Department of Energy

HANFORD METEOROLOGY STATION

25 MILES N.W. OF RICHLAND, WASHINGTON

MONTH

CLIMATOLOGICAL DATA

LATITUDE 46° 34' N., LONGITUDE 119° 36' W., ELEVATION (GROUND) 733 FEET

June 2009

DATE	TEMPERATURE (°F) (3-FT LEVEL)						PRECIPITATION			WIND (50-FT LEVEL)				AVERAGE REL HUM %	SOLRAD (LANGLEYS)	SKY COVER (TENTHS FROM SUNRISE TO SUNSET)	FRONTS AND MISC. PHENOMENA
	MAXIMUM	MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HEATING DEGREE DAYS (BASE 65°F)	COOLING DEGREE DAYS (BASE 65°F)	TOTAL (WATER EQUIVALENT IN IN.)	SNOW, ICE PELLETS (SLEET) (IN.)	SNOW, ICE PELLETS (SLEET) OR ICE ON GROUND AT 0400 (IN.)	PREVAILING DIRECTION	AVERAGE SPEED (MPH)	PEAK GUST SPEED (MPH)	PEAK GUST DIRECTION				
1	2	3	4	5	6A	6B	7	8	9	10	11	12	13	14	15	16	17
1	92	67	80	+14	0	15				NE	12.3	34	ENE	22.4	541.2	7	
2	86	63	74	+8	0	9				NE	12.6	32	N	27.8	626.4	8	
3	89	57	73	+7	0	8				N	8.3	24	N	31.2	657.6	4	
4	93	62	78	+11	0	13	0.11			NW	9.6	39	S	35.2	461.4	8	T, DL
5	89	58	74	+7	0	9				NW	7.5	42	NW	56.1	545.4	6	DL
6	82	57	70	+3	0	5	T			NW	11.6	35	NW	48.4	351.0	8	T, DL
7	72	54	63	-4	2	0	0.02			NE	5.9	16	WSW	58.4	358.2	9	DL
8	80	49	64	-3	1	0				E	6.5	28	E	58.8	504.6	3	DL
9	84	50	67	0	0	2				E	6.5	21	ENE	44.5	621.0	5	
10	84	57	70	+2	0	5				NW	7.9	27	WNW	37.4	658.8	1	
11	89	55	72	+4	0	7				W	6.7	21	SSE	37.5	664.2	2	
12	88	58	73	+4	0	8				SW	6.0	23	S	42.4	595.8	5	
13	88	53	70	+1	0	5	0.01			W	5.9	24	WNW	47.1	495.6	7	DL
14	85	64	74	+5	0	9				NW	8.1	29	NW	49.7	400.8	9	DL
15	89	61	75	+6	0	10				NW	9.0	31	WNW	40.7	646.2	0	
16	88	54	71	+2	0	6				NW	7.8	28	WNW	37.8	578.4	9	
17	87	65	76	+6	0	11				NW	17.6	43	NW	34.9	614.4	4	
18	85	60	72	+2	0	7				SW	8.6	25	NW	34.5	625.2	4	
19	85	62	74	+4	0	9	T			W	10.5	33	WNW	44.1	456.0	8	KFR 1245
20	80	57	68	-3	0	3				NW	12.5	38	NW	35.7	643.2	1	
21	73	52	62	-9	3	0				W	13.4	35	WNW	35.6	382.8	9	
22	75	49	62	-9	3	0	0.02			W	10.4	25	WSW	44.8	499.2	7	
23	83	48	66	-5	0	1				SE	5.2	16	SSE	36.8	622.2	3	
24	96	57	76	+5	0	11				SW	9.6	38	SW	28.3	655.8	3	KFR 1800
25	82	58	70	-2	0	5				NW	11.5	34	NW	38.5	668.4	1	
26	85	58	72	0	0	7				NW	11.5	36	NW	29.5	691.8	0	
27	92	53	72	0	0	7				SE	7.7	32	WNW	22.7	672.6	0	
28	91	63	77	+5	0	12				NW	14.4	42	NW	27.1	691.6	0	
29	89	58	74	+2	0	9				NW	9.9	40	WNW	19.3	690.6	1	
30	88	61	74	+2	0	9				NW	8.6	27	WNW	18.3	694.2	0	
31																	
SUM					9	202	0.16		0								
AVG	85.6	57.3									9.5						4.4

NOTES:

(1) Unless otherwise specified, the daily summary period is from midnight to midnight Pacific Standard Time.

(2) "T" in Columns 7-9 denotes a trace.

(3) The Langley (Col. 15) is the unit used to denote one gram calorie/cm².

TEMPERATURE (°F) (3-FT LEVEL)		PRECIPITATION (IN.)				MISC. PHENOMENA NOTATIONS USED IN COL. 17											
TOTAL FOR THE MONTH		0.16				A - Hail AU - Aurora BD - Blowing Dust											
DEPARTURE FROM NORMAL		-0.25				BS - Blowing Snow D - Dust DL - Distant Lightning											
GREATEST IN 24 HR		0.11	ON	4		DS - Drifting Snow F - Fog GL - Glaze											
NUMBER OF DAYS WITH:						IC - Ice Crystals K - Smoke T - Thunderstorm											
TRACE OR MORE		6	0.25 OR MORE	0		BAROMETRIC PRESSURE (IN.)											
AVERAGE FOR THE MONTH		71.5	0.01 OR MORE	4	0.50 OR MORE	0		AVERAGE STATION		29.075							
DEPARTURE FROM NORMAL		+2.2	0.10 OR MORE	1	1.00 OR MORE	0		HIGHEST SEA LEVEL		30.191 ON 27							
HIGHEST	96	ON	24	SNOW, ICE PELLETS (SLEET) (IN.)				LOWEST SEA LEVEL		29.486 ON 5							
LOWEST	48	ON	23	TOTAL FOR THE MONTH				0									
NUMBER OF DAYS WITH:		GREATEST IN 24 HOURS				na	ON	na		AVERAGE DAILY TOTAL		576.9					
MAXIMUM 32 OR BELOW		0				GREATEST ON GROUND		na	ON	na		GREATEST DAILY	694.2 ON 30				
MAXIMUM 90 OR ABOVE		5				WIND (50-FT LEVEL)				LEAST DAILY		351.0 ON 6					
MINIMUM 32 OR BELOW		0				AVERAGE SPEED (MPH)				9.5		MISCELLANEOUS NUMBER OF DAYS					
MINIMUM 0 OR BELOW		0				DEPARTURE FROM NORMAL				+0.4	CLEAR	13	FOG	0			
HEATING DEGREE DAYS (BASE 65°F)		9				PEAK GUST				NW @ 43	ON	17	CLEARLY CLOUDY	9	THUNDER	2	
TOTAL FOR THE MONTH		9				AVERAGE PSYCHROMETRIC DATA				CLOUDY				8	DUST	0	
DEPARTURE FROM NORMAL		-24				DRY BULB (°F)		71.4	WET BULB (°F)		55.5		RELATIVE HUMIDITY EXTREMES (%)				
SEASONAL TOTAL (SINCE JULY 1)		5569				REL. HUM. (%)		37.5	DEW PT. (°F)		41.8		HIGHEST		94	ON	8
SEASONAL DEPARTURE FROM NORMAL		+409				+DENOTES LATEST OF SEVERAL DATES				LOWEST				8	ON	30	