

1997

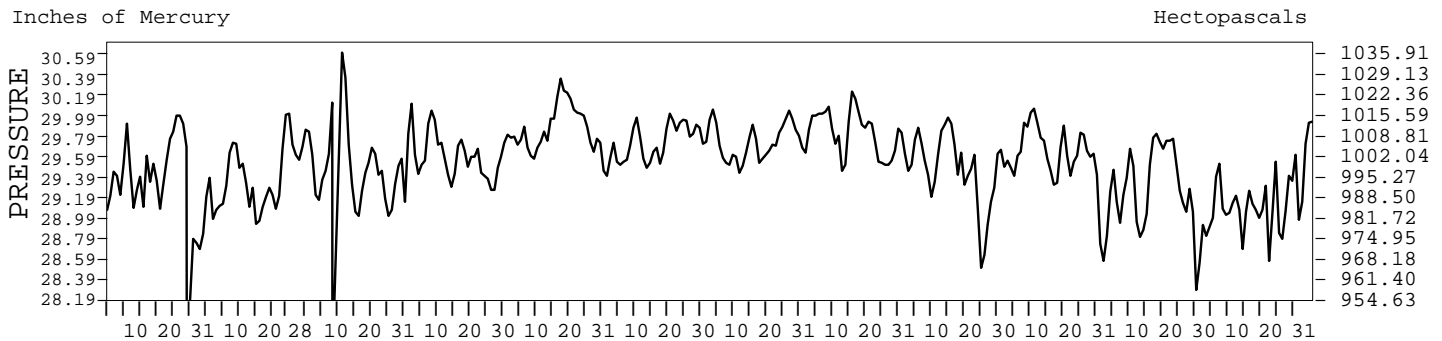
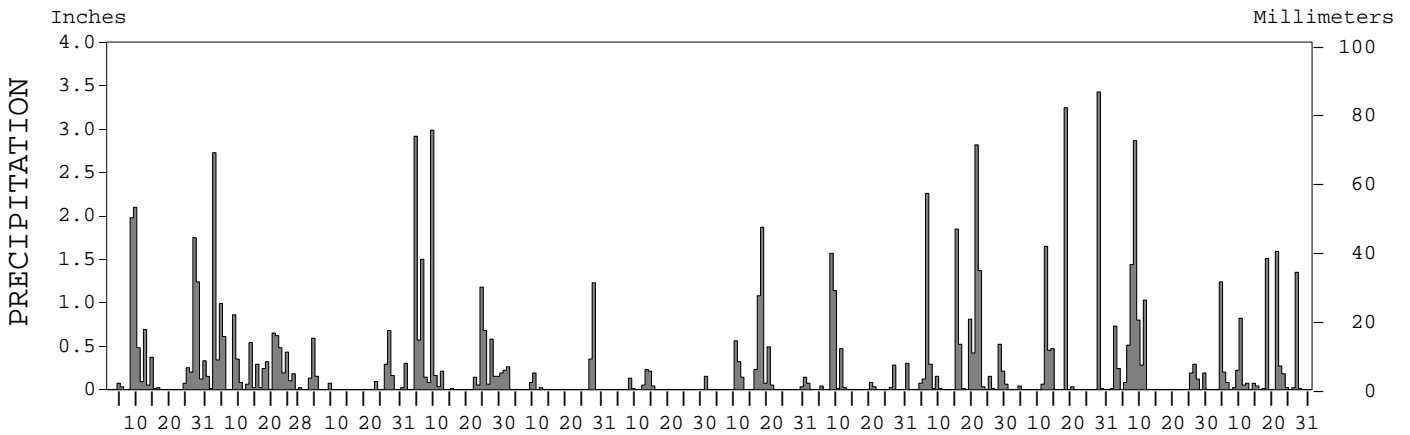
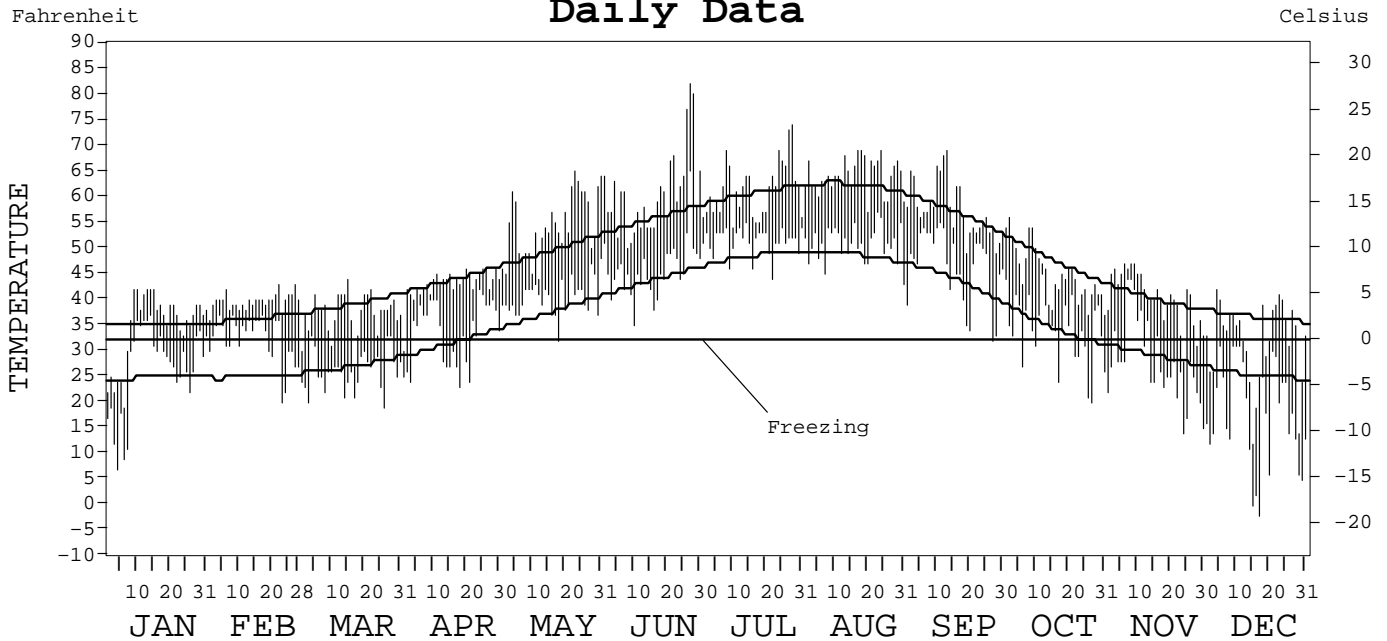
LOCAL CLIMATOLOGICAL DATA  
ANNUAL SUMMARY WITH COMPARATIVE DATA



ISSN 0197-9817

KODIAK,  
ALASKA (ADQ)

Daily Data



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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL ENVIRONMENTAL AND INFORMATION SERVICE  
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE  
NATIONAL CLIMATIC DATA CENTER  
ASHEVILLE, NORTH CAROLINA

*Jenneth A. Schickel*  
ACTING DIRECTOR  
NATIONAL CLIMATIC DATA CENTER

# METEOROLOGICAL DATA FOR 1997

## KODIAK, AK (ADQ)

LATITUDE: 57° 45' 00" N      LONGITUDE: 152° 29' 30" W      ELEVATION (FT): GRND: 15      BARO: 112      TIME ZONE: YUKON (UTC+ 9)      WBAN: 25501

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR	
TEMPERATURE °F	MEAN DAILY MAXIMUM	34.9	39.7	37.3	43.0	54.4	60.7	61.4	64.1	57.5	45.1	40.4	32.0	47.5	
	HIGHEST DAILY MAXIMUM	42	43	44	46	65	82	74	69	69	56	47	42	82	
	DATE OF OCCURRENCE	15+	27+	15	29+	23	27	28	24+	13	02	09+	04	JUN 27	
	MEAN DAILY MINIMUM	26.6	32.3	26.2	33.4	40.4	45.8	51.4	50.8	46.5	34.2	27.8	17.6	36.1	
	LOWEST DAILY MINIMUM	7	20	19	23	32	35	44	43	32	20	14	-2	-2	
	DATE OF OCCURRENCE	4	23	26	18	18	10	22	31	27	27	24	17	DEC 17	
	AVERAGE DRY BULB	30.8	36.0	31.8	38.2	47.4	53.3	56.4	57.5	52.0	39.7	34.1	24.8	41.8	
	MEAN WET BULB		35.7	28.6	36.1	43.1	49.1	54.0	54.2	49.6	36.8	33.2	23.4		
	MEAN DEW POINT		33.9	21.6	32.3	37.6	44.7	52.0	51.3	46.9	31.4	29.9	18.3		
	NUMBER OF DAYS WITH:														
	MAXIMUM ≥ 70°	0	0	0	0	0	3	2	0	0	0	0	0	0	5
	MAXIMUM ≤ 32°	7	0	3	1	0	0	0	0	0	0	2	13	26	
	MINIMUM ≤ 32°	22	12	28	11	1	0	0	0	1	9	22	31	137	
MINIMUM ≤ 0°	0	0	0	0	0	0	0	0	0	0	0	2	2		
H/C	HEATING DEGREE DAYS	1053	804	1023	796	537	354	260	228	383	776	920	1239	8373	
	COOLING DEGREE DAYS	0	0	0	0	0	9	0	0	0	0	0	0	9	
RH	MEAN (PERCENT)	77	90	67	80	71	75	86	81	84	72	82	75	78	
	HOUR 03 LST	73	90	70	85	80	84	92	89	89	75	85	75	82	
	HOUR 09 LST	78	91	67	79	67	73	87	80	85	75	84	78	79	
	HOUR 15 LST	79	87	61	74	62	68	82	73	75	67	75	73	73	
	HOUR 21 LST	78	91	70	79	74	75	84	81	85	73	83	75	79	
S	PERCENT POSSIBLE SUNSHINE														
W/O	NUMBER OF DAYS WITH:														
	HEAVY FOG (VISBY ≤ 1/4 MI)	0	3	0	2	0	4	1	2	1	1	0	1	15	
	THUNDERSTORMS	0	0	0	0	0	0	0	0	0	0	0	0	0	
CLOUDINESS	SUNRISE-SUNSET: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
	SATELLITE (> 12,000 FT.)														
	MIDNIGHT-MIDNIGHT: (OKTAS)														
	CEILOMETER (≤ 12,000 FT.)														
SATELLITE (> 12,000 FT.)															
NUMBER OF DAYS WITH:															
CLEAR															
PARTLY CLOUDY															
CLOUDY															
PR	MEAN STATION PRESS. (IN.)		29.39	29.61	29.61	29.89	29.76	29.76	29.84	29.50	29.58	29.27	29.21		
	MEAN SEA-LEVEL PRESS. (IN.)		29.51	29.73	29.73	30.02	29.88	29.88	29.97	29.64	29.70	29.52	29.35		
WINDS	RESULTANT SPEED (MPH)		4.8		6.5	2.0	1.3	3.6	1.5	1.2	8.5	0.6	5.9		
	RES. DIR. (TENS OF DEGS.)		09		06	02	02	04	32	04	32	32	32		
	MEAN SPEED (MPH)	13.6	10.8	11.3	12.7	9.5	7.7	7.2	8.2	9.5	12.0		11.0		
	PREVAIL. DIR. (TENS OF DEGS.)	31	12	33	09	32	32	05	31	31	31	29	31	31	
	MAXIMUM 2-MINUTE WIND:														
	SPEED (MPH)	44	41	36	43	32	28	29	33	39	39	43	36	44	
	DIR. (TENS OF DEGS.)	03	09	30	31	03	12	03	17	04	03	09	06	03	
	DATE OF OCCURRENCE	27	04	01	01	27	14	17	09	21	28	08	21+	JAN 27	
	MAXIMUM 5-SECOND WIND:														
	SPEED (MPH)	59	55	44	51	39	34	36	39	49	46	53	44	59	
DIR. (TENS OF DEGS.)	18	11	30	31	03	11	04	17	04	03	09	06	18		
DATE OF OCCURRENCE	10	04	01	01	27	14	17	09	21	28	08	18+	JAN 10		
PRECIPITATION	WATER EQUIVALENT:														
	TOTAL (IN.)	10.00	10.13	2.18	12.09	2.35	0.67	5.13	4.03	11.69	9.39	8.78	7.77	84.21	
	GREATEST 24-HOUR (IN.)	4.08	2.73	0.97	3.27	1.29	0.28	1.87	1.57	2.85	3.43	2.87	1.66	4.08	
	DATE OF OCCURRENCE	8-9	2	26-27	4-5	27-28	12-13	17-18	08	20-21	28	08	21-22	JAN 8-9	
	NUMBER OF DAYS WITH:														
PRECIPITATION ≥ 0.01	19	23	9	20	7	6	12	12	20	9	14	19	170		
PRECIPITATION ≥ 0.10	12	17	6	15	5	3	9	5	13	5	12	9	111		
PRECIPITATION ≥ 1.00	4	1	0	4	1	0	2	2	4	3	3	4	28		
SNOWFALL	SNOW, ICE PELLETS, HAIL:														
	TOTAL (IN.)	30.5		10.8	3.0	0.0	0.0	0.0	0.0	0.0	0.6	7.9	34.2		
	GREATEST 24-HOUR (IN.)	10.0		3.7	3.0	0.0	0.0	0.0	0.0	0.0	0.4	2.7	8.9		
	DATE OF OCCURRENCE	27		27-28	01						14	27	17-18		
	MAXIMUM SNOW DEPTH (IN.)	9	4	3	1	0	0	0	0	0	0	2	9	9	
	DATE OF OCCURRENCE	28	01	04	01							30	15	DEC 15	
NUMBER OF DAYS WITH:															
SNOWFALL ≥ 1.0	8	2	6	1	0	0	0	0	0	0	3	7	27		



PRECIPITATION (inches) 1997 KODIAK, AK (ADQ)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	1.97	9.61	3.32	4.42	1.97	2.07	7.60	3.68	5.85	4.04	7.34	2.99	54.86
1969	0.24	4.13	3.89	5.46	3.30	7.56	2.00	3.25	9.35	12.38	5.96	12.19	69.71
1970	3.62	8.39	5.96	1.43	3.10	2.94	4.04	7.44	6.39	4.48	2.52	4.75	55.06
1971	6.74	8.82	4.28	4.31	11.89	8.50	7.96	4.86	6.59	4.70	4.52	2.30	75.47
1972	3.70	4.92		1.30	4.57	2.12	1.11	5.93	2.54	5.94	4.13		
1973	0.31	3.59	3.21	5.27	10.75	1.70	6.06	2.43	6.61	6.37	0.68	7.23	54.21
1974	2.86	3.94	6.69	6.15	3.66	4.57	3.32	4.25	10.36	13.07	7.15	5.38	71.40
1975	10.52	4.71	4.12	3.98	11.37	4.55	3.86	5.97	5.65	7.99	7.82	9.31	79.85
1976	10.54	2.97	2.11	3.53	4.26	4.34	4.09	8.89	12.14	5.53	14.79	11.14	84.33
1977	15.77	12.43	1.36	4.04	5.11	4.10	6.01	11.13	1.20	14.53	3.91	1.21	80.80
1978	11.58	11.56	3.63	6.49	11.05	0.70	4.04	3.53	5.85	12.18	6.69	9.95	87.25
1979	8.66	1.50	6.23	3.39	9.29	4.83	3.02	3.71	10.34	10.84	5.19	1.37	68.37
1980	6.09	9.58	5.11	5.85	6.34	2.15	0.84	1.78	8.62	9.38	7.12	4.64	67.50
1981	13.65	6.43	8.05	2.86	7.26	1.87	2.53	4.35	7.47	3.15	7.29	5.22	70.13
1982	7.22	2.12	1.99	3.60	5.55	7.29	3.81	2.23	10.10	3.54	7.58	13.49	68.52
1983	9.19	7.56	8.34	2.25	12.67	7.88	2.16	0.73	2.93	5.36	15.36	2.43	76.86
1984	10.11	5.75	9.94	6.27	4.90	5.15	3.04	1.39	8.37	3.15	4.98	5.50	68.55
1985	14.41	1.91	5.68	5.81	1.53	6.64	10.21	2.96	8.05	3.26	4.44	19.82	84.72
1986	11.63	6.31	4.59	2.69	2.27	13.16	2.72	6.42	2.22	11.37	5.35	11.64	80.37
1987	10.21	4.75	6.31	4.93	3.67	16.88	1.25	0.65	7.83	8.08	4.98	2.49	72.03
1988	6.91	11.50	8.59	6.65	2.42	1.59	4.11	8.28	6.55	10.20	7.93	11.48	86.21
1989	2.53	1.44	3.61	4.13	2.02	7.22	3.86	5.92	6.10	7.04	5.58	12.59	62.04
1990	6.79	2.90	5.56	6.63	4.75	2.14	7.93	7.86	8.96	5.40	2.32	4.91	66.15
1991	10.68	10.80	0.67	8.03	9.74	8.65	2.29	4.77	10.19	11.49	12.96	5.82	96.09
1992	9.07	2.14	5.49	2.10	7.52	5.59	2.25	6.02	2.69	4.84	4.83	4.97	57.51
1993	2.97	7.11	8.17	8.74	5.18	3.51	2.33	8.41	5.44	9.80	5.56	11.68	78.90
1994	11.81	4.15	10.14	7.27	9.10	3.36	7.29	0.65	6.57	12.92	1.90	8.71	83.87
1995	6.92	7.07	4.30	6.58	9.46	8.16	5.02	4.35	19.44	9.99	2.24	11.76	95.29
1996	3.00	2.05	1.70	9.74	1.62	2.35	6.49	2.51	8.96	4.76	6.74	6.49	56.41
1997	10.00	10.13	2.18	12.09	2.35	0.67	5.13	4.03	11.69	9.39	8.78	7.77	84.21
POR= 49 YRS	6.66	5.08	4.63	4.41	5.26	4.72	3.75	4.64	6.94	6.91	5.88	6.43	65.31

WBAN : 25501

AVERAGE TEMPERATURE (°F) 1997 KODIAK, AK (ADQ)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1968	27.9	31.2	33.3	36.5	47.4	49.6	54.6	56.8	48.5	38.5	35.8	25.3	40.5
1969	25.8	30.3	33.8	38.7	42.3	50.7	57.1	56.2	50.1	44.0	33.3	36.7	41.6
1970	26.2	36.0	37.8	35.8	45.2	51.9	54.5	51.4	52.4	39.3	37.8	25.3	41.1
1971	19.9	27.3	23.6	34.8	40.6	48.4	51.8	54.9	48.7	40.6	31.1	28.6	37.5
1972	25.4	27.3		31.1	41.8	45.7	53.8	53.5	47.3	38.0	33.2		
1973	22.3	31.3	30.0	38.0	41.2	46.4	50.4	51.5	46.2	37.9	32.7	32.2	38.3
1974	27.2	24.8	31.5	36.9	43.0	49.7	52.3	55.9	50.6	40.3	33.1	27.9	39.4
1975	25.5	23.2	27.6	33.4	39.0	45.3	51.1	51.9	47.8	39.6	26.8	25.6	36.4
1976	30.1	27.3	28.4	36.2	43.9	51.0	55.0	55.3	49.0	39.3	38.7	32.1	40.5
1977	37.0	36.1	31.5	34.8	41.9	49.1	54.4	53.1	49.9	39.4	30.6	27.2	40.4
1978	35.9	33.2	35.4	39.7	43.8	50.2	52.3	57.1	50.9	44.1	39.3	35.8	43.1
1979	38.1	27.1	37.9	44.2	45.9	53.3	58.6	57.1	52.9	45.6	38.5	26.8	43.8
1980	29.6	34.5	36.4	40.8	45.1	52.7	55.9	56.1	52.2	43.1	37.5	29.1	42.8
1981	38.2	34.0	39.3	41.9	47.2	52.2	57.5	56.1	50.2	43.0	36.3	31.2	43.9
1982	32.7	28.1	35.7	36.0	43.5	49.2	55.0	55.1	49.9	39.1	36.5	37.2	41.5
1983	30.7	37.0	40.5	41.8	46.6	51.9	57.1	58.0	51.5	42.8	38.1	38.1	44.5
1984	32.7	25.5	38.5	36.7	43.7	51.2	55.7	57.5	51.3	41.6	33.9	37.6	42.2
1985	39.2	28.8	35.4	31.8	41.5	46.2	52.3	54.2	51.1	36.5	32.8	36.4	40.5
1986	33.3	30.3	32.4	34.2	43.5	47.4	54.2	53.0	50.5	44.3	36.3	35.8	41.3
1987	34.0	36.2	35.4	38.1	44.8	47.7	55.9	56.5	48.4	41.8	33.3	28.0	41.7
1988	32.2	34.3	34.7	36.8	45.0	51.6	54.1	55.1	48.7	41.2	32.7	30.4	41.4
1989	21.7	33.0	33.1	39.4	44.7	50.1	57.2	57.1	52.0	41.1	32.1	34.7	41.4
1990	29.4	24.3	35.2	41.0	45.7	52.7	53.7	57.1	51.5	39.8	30.2	31.1	41.0
1991	30.3	27.5	33.6	39.0	44.9	49.7	53.8	54.3	50.3	41.7	37.5	30.2	41.1
1992	33.3	27.7	32.3	39.0	44.5	50.9	55.4	53.7	46.4	40.2	35.4	29.9	40.7
1993	27.3	30.9	35.3	40.3	47.1	50.9	57.1	57.1	50.7	42.4	37.5	35.0	42.6
1994	34.5	30.1	30.4	38.7	44.2	51.7	53.0	57.1	49.3	39.4	31.5	28.5	40.7
1995	31.0	31.7	29.6	40.8	43.2	49.4	54.0	55.5	51.7	42.3	34.0	34.8	41.5
1996	29.3	29.1	36.5	38.9	47.5	50.7	53.6	54.8	47.2	38.8	35.7	28.9	40.9
1997	30.8	36.0	31.8	38.2	47.4	53.3	56.4	57.5	52.0	39.7	34.1	24.8	41.8
POR= 49 YRS	30.5	30.4	32.8	37.2	43.6	49.7	53.3	54.9	49.8	40.6	34.7	30.8	40.7

WBAN : 25501

HEATING DEGREE DAYS (base 65°F) 1997 KODIAK, AK (ADQ)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1968-69	322	260	496	823	875	1231	1204	963	960	780	695	423	9032
1969-70	242	267	438	648	946	871	1196	806	834	870	605	385	8108
1970-71	319	414	372	788	807	1224	1391	1049	1277	903	751	491	9786
1971-72	403	311	482	749	1011	1121	1224	1086		1011	713	571	
1972-73	340	348	523	831	948		1309	936	1080	803	730	550	
1973-74	447	412	558	837	960	1009	1164	1117	1033	836	672	456	9501
1974-75	386	276	427	758	952	1143	1220	1165	1148	946	800	586	9807
1975-76	424	396	507	782	1138	1215	1074	1087	1128	856	646	415	9668
1976-77	308	292	475	787	782	1013	861	803	1031	899	710	468	8429
1977-78	321	360	446	785	1026	1163	894	884	911	752	650	436	8628
1978-79	383	239	417	640	765	902	829	1055	837	620	586	344	7617
1979-80	200	236	357	597	785	1177	1090	877	879	720	611	361	7890
1980-81	274	270	378	675	820	1105	825	867	788	686	542	379	7609
1981-82	225	272	438	674	854	1038	996	1028	900	864	658	466	8413
1982-83	302	298	447	798	847	855	1053	780	754	688	561	385	7768
1983-84	237	213	400	681	802	826	993	1137	813	844	655	408	8009
1984-85	283	229	401	717	927	845	795	1009	909	989	719	559	8382
1985-86	386	325	410	873	958	879	976	966	1004	916	659	523	8875
1986-87	330	364	427	638	856	899	957	801	914	801	619	514	8120
1987-88	287	259	490	715	944	1139	1011	884	935	840	616	394	8514
1988-89	331	298	484	729	963	1066	1336	892	980	763	621	442	8905
1989-90	236	237	384	735	983	937	1098	1137	916	712	589	363	8327
1990-91	346	239	398	772	1039	1043	1067	1045	965	773	617	453	8757
1991-92	342	324	432	713	820	1073	978	1075	1009	773	627	415	8581
1992-93	289	345	553	764	880	1082	1163	947	910	733	549	418	8633
1993-94	248	246	422	692	817	921	936	966	1066	783	638	391	8126
1994-95	369	236	463	784	1000	1128	1044	926	1093	718	668	464	8893
1995-96	335	287	392	702	922	928	1101	1036	876	774	534	420	8307
1996-97	347	310	528	803	873	1113	1053	804	1023	796	537	354	8541
1997-	260	228	383	776	920	1239							

WBAN : 25501

COOLING DEGREE DAYS (base 65°F) 1997 KODIAK, AK (ADQ)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1973	0	0	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	3	0	0	0	0	0	0	3
1975	0	0	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	5	0	0	0	0	0	5
1977	0	0	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	8	0	0	0	0	0	8
1980	0	0	0	0	0	0	0	1	0	0	0	0	1
1981	0	0	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	3	0	0	0	0	3
1984	0	0	0	0	0	0	3	1	0	0	0	0	4
1985	0	0	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	1	0	0	0	0	0	1
1987	0	0	0	0	0	0	7	0	0	0	0	0	7
1988	0	0	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	1	1	0	0	0	0	0	2
1990	0	0	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	8	9	0	0	0	0	17
1994	0	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	1	0	1	0	0	0	0	2
1996	0	0	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	9	0	0	0	0	0	0	9

SNOWFALL (inches) 1997 KODIAK, AK (ADQ)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1968-69	0.0	0.0	T	0.3	T	28.2	0.6	32.1	28.9	0.5	T	0.0	90.6
1969-70	0.0	0.0	0.0	T	3.6	3.0	20.2	22.5	2.7	5.2	T	0.0	57.2
1970-71	0.0	0.0	0.0	12.6	T	23.1	40.1	16.8	34.6	25.7	6.0	0.0	158.9
1971-72	0.0	0.0	0.0	T	7.3	12.2	32.8	35.5		9.9	2.8	0.0	
1972-73	0.0	0.0	T	T	5.2		1.9	24.9	12.6	9.3	1.5	0.0	
1973-74	0.0	0.0	0.0	10.6	1.9	14.3	18.6	16.7	12.9	3.3	0.4	0.0	78.7
1974-75	0.0	0.0	0.0	1.4	13.0	14.3	32.2	27.1	23.6	5.2	0.2	0.0	117.0
1975-76	0.0	0.0	0.0	1.2	20.5	33.1	39.7	13.8	13.2	17.0	T	0.0	138.5
1976-77	0.0	0.0	0.0	0.6	8.5	10.2	T	12.2	8.7	1.4	0.2	0.0	41.8
1977-78	0.0	0.0	0.4	T	12.0	14.1	3.9	16.7	7.0	1.6	0.0	0.0	55.7
1978-79	0.0	0.0	0.0	0.0	3.9	8.6	4.2	10.6	18.0	0.1	T	0.0	45.4
1979-80	0.0	0.0	0.0	T	9.7	4.7	15.3	13.4	7.1	1.0	T	0.0	51.2
1980-81	0.0	0.0	0.0	T	0.8	10.6	3.3	10.9	T	1.7	T	0.0	27.3
1981-82	0.0	0.0	0.0	0.2	3.1	9.6	14.2	4.0	9.5	19.8	1.4	0.0	61.8
1982-83	0.0	0.0	0.0	6.0	0.4	2.4	6.4	1.0	0.6	1.8	T	0.0	18.6
1983-84	0.0	0.0	0.0	6.1	7.2	T	19.2	38.8	2.0	9.0	T	0.0	82.3
1984-85	0.0	0.0	0.0	T	2.9	6.0	0.1	12.9	30.0	34.8	0.8	0.0	87.5
1985-86	0.0	0.0	0.0	4.5	9.0	11.0	23.5	17.0	6.4	11.9	0.8	0.0	84.1
1986-87	0.0	0.0	0.0	0.0	4.2	2.1	8.3	2.0	9.9	4.3	T	0.0	30.8
1987-88	0.0	0.0	0.0	0.0	5.8	6.9	7.6	24.4	15.8	16.6	T	0.0	77.1
1988-89	0.0	0.0	0.0	T	8.6	14.4	18.2	9.3	5.7	0.4	0.0	0.0	56.6
1989-90	0.0	0.0	0.0	0.5	30.0	8.3	35.8	35.1	15.9	3.6	0.0	0.0	129.2
1990-91	0.0	0.0	0.0	3.7	5.0	46.4	20.1	13.2	5.0	11.0	T	0.0	104.4
1991-92	0.0	0.0	0.0	0.0	24.8	24.0	7.0	27.6	15.0	0.8	0.8	0.0	100.0
1992-93	0.0	0.0	T	T	1.2	29.4	6.9	4.2	3.8	1.0	T	0.0	46.5
1993-94	0.0	0.0	0.0	0.2	0.5	6.4	3.8	14.5	14.3	T	T	0.0	39.7
1994-95	0.0	0.0	0.0	2.9	6.3	37.6	12.9	24.4	8.1	5.5	T	0.0	97.7
1995-96	0.0	0.0	0.0	0.8	2.8	2.0	27.9	21.9	4.8	7.3	0.0	0.0	67.5
1996-97	0.0	T	T	6.6	1.4	36.4	30.5		10.8	3.0	0.0	0.0	
1997-	0.0	0.0	0.0	0.6	7.9	34.2							
POR= 34 YRS	0.0	0.0	0.0	2.2	7.5	14.2	15.5	18.0	12.5	7.5	0.6	T	78.0

WBAN : 25501

REFERENCE NOTES:

<p>PAGE 1: THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).</p> <p>PAGE 2 AND 3: H/C INDICATES HEATING AND COOLING DEGREE DAYS. RH INDICATES RELATIVE HUMIDITY W/O INDICATES WEATHER AND OBSTRUCTIONS S INDICATES SUNSHINE. PR INDICATES PRESSURE. CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).</p> <p>GENERAL: T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE. + INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES. BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA. NORMALS ARE 30-YEAR AVERAGES (1961 - 1990). ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM. PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH. POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING. WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED. 0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05. CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET AND ON SATELLITE DATA FOR CLOUDS ABOVE 12,000 FEET. THE NUMBER OF DAYS WITH CLEAR, PARTLY CLOUDY, AND CLOUDY CONDITIONS FOR ASOS STATIONS IS THE SUM OF THE CEILOMETER AND SATELLITE DATA FOR THE SUNRISE TO SUNSET PERIOD.</p>	<p>GENERAL CONTINUED: CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS. WHEN AT LEAST ONE OF THE ELEMENTS (CEILOMETER OR SATELLITE) IS MISSING, THE DAILY CLOUDINESS IS NOT COMPUTED. WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH. RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION. AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2. SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL. A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65° F. DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR. DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY. WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.</p> <p>ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTHS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.</p>
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1997  
KODIAK,  
ALASKA (ADQ)

Kodiak Island is located on the western side of the Gulf of Alaska, 90 miles southwest of the Kenai Peninsula. Oriented northeast-southwest, the island lies 25 miles southeast of the Alaska Peninsula, separated from it by the Shelikof Strait. Afognak Island lies northeast of Kodiak, across Kupreanof Strait, which averages less than half a mile in width. The two islands are generally considered to be a single landmass, approximately 145 miles long by 50 miles wide. The terrain is rugged, with the mountains averaging from 2,000 to 4,000 feet in height. The highest mountains on Kodiak extend to roughly 5,000 feet. The island has many lakes, ponds, interconnecting waterways, and drainage streams. The irregular shoreline is indented by numerous bays, many of which are deep and narrow.

The National Weather Service Office is located on U. S. Coast Guard Base Kodiak, adjacent to Womens Bay, a small U shaped bay extending westward from the main body of Chiniak Bay.

Kodiak has primarily a marine climate which is exemplified by the limited daily and annual temperature ranges. During the summer, the mean air temperature closely approximates the mean sea surface temperature, rising slightly above it during August but falling below again in September. In winter, the mean maximum air temperature more closely resembles the mean sea surface temperature curve. The absolute temperature range is nearly 100 degrees. Summer maximum temperatures will vary 10 to 20 degrees, depending on whether the northwest gradient is strong enough to maintain a flow of air from over the island, or whether it is weak enough that the sea breeze predominates. The highest daily maximum temperatures occur with northwest winds in summer.

Precipitation is normally abundant throughout the year. All months have a wide variation in the amount of precipitation. A very high percentage of the precipitation falls during northeast to southeast winds. Small amounts of snow may fall as late as May or as early as September with good ground cover anticipated in November. Precipitation measurement is often difficult due to strong, gusty surface winds which frequently accompany precipitation. Drifting and blowing snow occasionally close the field for periods of up to 24 hours.

Although the prevailing wind direction is northwesterly every month except May, June, and July, and the average speed is about 10 knots, these data may be misleading because of the extreme variability in both direction and speed. Maximum gusts of over 90 knots has been recorded. Coast Guard Cutters docked in Womens Bay have reported williwaw winds off Old Womens Mountain in excess of 120 knots. Gusts of over 50 knots have occurred during each month of the year, but are most likely to occur in the winter months.

STATION LOCATION

KODIAK, ALASKA

LOCATION	OCCUPIED FROM	OCCUPIED TO	AIRLINE DISTANCES AND DIRECTIONS FROM PREVIOUS LOCATION	LATITUDE NORTH	LONGITUDE WEST	ELEVATION ABOVE											* Type	REMARKS
						SEA LEVEL	GROUND											
							G	W	E	P	S	T	R	W	8	H		
Building #36 U.S.C.G. Base	12/1941	12/31/72		57°45'	152°30'	21 b14	# c60	36	#						a31	d6	U.S. Navy # - Elevations not available. a - 4 inch gage. b - Effective in 1954. c - Effective 8/14/58. d - AN/GMO-14A Commissioned 9/8/59.	
Building #36 U.S.C.G. Base	1/1/73	Present	Same site	57°45'	152°30'	14 m15	e22 i33	36 h	36 h	NA	NA	NA k6	f4 j5	g6 n6	NA	NA	National Weather Service e - 60 feet to 5/18/73. f - 8 inch gage commissioned 3/12/73 in place of 4 inch gage. g - Hygrothermometer commissioned 5/31/73. h - Removed 10/31/73. i - Raised 3/19/83. j - Minor move 8/1/83. k - Installed 8/1/83. m - Effective 1983. n - Type change 07/10/85. S ASOS Commissioned 01/01/97	

SUBSCRIPTION: Price and ordering information available through: National Climatic Data Center, Federal Building, Asheville, North Carolina 28801.  
INQUIRIES/COMMENTS CALL: (704) 271-4800

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