



DECEMBER 2004

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

ANCHORAGE, AK

ANCHORAGE INTL AIRPORT (ANC)
 Lat: 61° 10' N Long: 149° 59' W Elev (Ground): 130 Feet
 Time Zone: ALASKA WBAN: 26451 ISSN #: 0197-9558

DECEMBER 2004
ANCHORAGE, AK

DATE	TEMPERATURE °F							DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND(IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																																																								
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING	0300 LST		0900 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																																																														
																			5-SEC		2-MIN																																																												
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	39	31	35*	16	31	34	30	0	RA FZRA SN BCFG BR VCFG	2		T	0.23	29.20	29.35	4.0	20	10.8	32	18	21	15	01																																																										
02	35	28	32	13	29	31	33	0	RA SN BCFG BR	3		8.0	0.44	29.03	29.18	6.2	03	6.9	18	02	15	02	02																																																										
03	31	20	26	7	15	24	39	0	SN	9		1.0	0.05	29.56	29.70	9.9	35	10.9	35	35	26	34	03																																																										
04	23	6	15	-3	8	14	50	0	SN BCFG BR VCFG	8		T	T	29.74	29.89	2.5	04	4.5	17	01	13	04	04																																																										
05	13	3	8	-10	4	7	57	0	SN BR VCFG	8		T	T	29.51	29.66	3.4	02	4.0	20	17	12	01	05																																																										
06	19	8	14	-4	8	13	51	0	SN VCFG	6		T	T	29.21	29.36	8.0	02	8.2	16	01	14	01	06																																																										
07	27	19	23	5	16	22	42	0		0		0.0	0.00	28.90	29.05	7.9	36	8.1	15	34	14	35	07																																																										
08	27	12	20	2	15	19	45	0	FG+ FZFG BR VCFG	5		0.0	0.00	28.79	28.93	2.6	07	4.3	15	03	12	03	08																																																										
09	21	16	19	1	10	15	46	0	FG+ FZFG BCFG BR VCFG	4		0.0	0.00	28.96	29.11	6.3	02	6.8	15	02	12	01	09																																																										
10	19	13	16	-2	10	15	49	0	BCFG VCFG	4		0.0	0.00	29.27	29.42	5.2	04	6.0	13	18	10	02	10																																																										
11	24	14	19	1	14	18	46	0	SN	4		T	T	29.35	29.50	4.9	36	6.4	18	07	14	35	11																																																										
12	34	20	27	9	22	25	38	0	SN VCFG	4		T	T	29.45	29.60	4.1	01	5.9	18	34	15	35	12																																																										
13	34	26	30	12	27	29	35	0	SN BR VCFG	5		1.9	0.11	29.31	29.46	0.4	10	8.3	25	19	16	19	13																																																										
14	34	22	28	10	24	27	37	0		5		0.0	0.00	29.69	29.83	5.6	17	8.7	28	18	18	18	14																																																										
15	31	24	28	10	21	25	37	0	SN	5		T	T	29.40	29.55	5.1	35	5.8	16	02	14	01	15																																																										
16	32	27	30	12	25	28	35	0	RA FZRA	5		T	T	29.16	29.30	1.6	06	4.8	18	36	14	35	16																																																										
17	33	29	31	14	29	30	34	0	RA FZRA VCFG	5		T	T	29.47	29.62	5.3	33	6.5	16	01	14	36	17																																																										
18	37	31	34	17	30	33	31	0	RA	4		0.0	T	29.02	29.16	3.2	34	3.8	20	36	16	36	18																																																										
19	35	28	32	15	30	31	33	0	RA SN BR	7		3.5	0.22	29.42	29.57	5.6	20	6.6	25	17	17	20	19																																																										
20	28	14	21	4	15	20	44	0	SN BR VCFG	7		0.5	0.02	29.98	30.13	6.0	03	6.6	15	16	12	02	20																																																										
21	23	13	18	1	14	17	47	0	SN BR VCFG	7		1.3	0.09	29.95	30.10	8.0	36	8.1	17	35	15	34	21																																																										
22	45	22	34	17	25	31	31	0	RA FZRA FZDZ SN	7		0.7	0.04	29.25	29.40	5.4	12	16.5	43*	15	30*	15	22																																																										
23	45*	11	28	11	18	26	37	0	RA SN PL	5		T	T	29.22	29.37	3.0	16	14.8	37	14	26	15	23																																																										
24	17	10	14	-3	-3	10	51	0	RA SN	5		T	T	29.83	29.98	14.9	01	15.1	35	01	23	36	24																																																										
25	14	2	8*	-9	-1	7	57	0		5		0.0	0.00	30.30	30.46	2.1	04	4.7	25	03	17	01	25																																																										
26	18	6	12	-5	7	12	53	0	SN	6		2.1	0.37	30.00	30.15	4.2	02	4.8	18	01	16	01	26																																																										
27	25	11	18	1	15	18	47	0	SN BR	8		2.5	0.16	29.50	29.64	4.9	03	6.2	17	14	14	02	27																																																										
28	27	22	25	9	9	20	40	0	DRSN	8		0.0	0.00	29.84	29.99	17.1	36	17.3	30	01	23	01	28																																																										
29	22	0*	11	-5	1	11	54	0		7		0.0	0.00	30.21	30.37	9.1	01	11.5	35	01	26	01	29																																																										
30	16	3	10	-6	5	9	55	0		7		0.0	0.00	30.20	30.35	1.3	11	1.7	12	16	7	11	30																																																										
31	23	15	19	3	10	17	46	0		7		0.0	0.00	30.13	30.28	3.4	03	4.1	14	05	9	01	31																																																										
27.5										16.3		21.9		■ ■		15.6		20.6		42.9		0.0		< MONTHLY AVERAGES		TOTALS->		21.5		1.73		29.51		29.66		3.8		02		7.7		<- MONTHLY AVERAGES																																							
3.8										4.9		4.4		■ ■		<-----DEPARTURE FROM NORMAL----->																				0.68		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																																											
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 0.53 DATE :26-27										SEA LEVEL PRESSURE										DATE		TIME																																																	
MONTHLY TOTAL DEPARTURE										SEASON TO DATE TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: 8.0 DATE :02										MAXIMUM										:		30.52		25		0953																																			
HEATING: 1330										-142										4033										-672										MINIMUM										:		28.88		08		1453																									
COOLING: 0										0										17										14										NUMBER OF DAYS WITH										->		MAXIMUM TEMP ≥ 70: 0										MINIMUM TEMP ≤ 32: 31										PRECIPITATION ≥ 0.01 INCH : 10									
																																																				MAXIMUM TEMP ≤ 32 :21										MINIMUM TEMP ≤ 0 : 1										PRECIPITATION ≥ 0.10 INCH : 6									
																																																				THUNDERSTORMS : 0										HEAVY FOG : 2										SNOWFALL ≥ 1.0 INCH : 7									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

ANCHORAGE, AK

DECEMBER 2004

ANC

WBAN # 26451

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01				T	T	T	0.01	T	T	T	0.01	0.02	01	0.13	T	0.02	T	0.01	T						01	0.20	0.23		
02				0.07	0.01	T	0.01	0.01	T	T			02		T	T	T	0.02	0.01	0.05	0.05	0.03	0.01	0.02	02	0.29	0.44		
03	0.01	T	T	T									03												03	0.01	0.05		
04													04											T	04		T		
05	T												05		T	T	T			T	T		T	05		T			
06	T	T	T	T	T	T	T	T	T				06												06		T		
07													07												07		0.00		
08													08												08		0.00		
09													09												09		0.00		
10													10												10		0.00		
11													11		T			T	0.01	T					11	0.01	T		
12												T	12	T	T									T	12		T		
13	T	T	T	T	T	T	T						13				T	0.05	0.06	T	T	T			13		0.11		
14													14												14		0.00		
15											T		15										T		15		T		
16													16								T	T	0.02	T	16	0.02	T		
17	T												17											T	17	0.01	T		
18													18												18		T		
19													19	T	0.01	0.04	0.03	0.03	0.02	0.03	0.01	0.02	T	0.01	0.01	19	0.21	0.22	
20	T	T	T	T									20												20	T	0.02		
21													21	T	0.01	T	T			T	T	T	0.01	0.03	0.01	21	0.12	0.09	
22	0.02	0.01	T	T	0.02	T	T	T	T	T	T	T	22			T	0.01	T							22	0.06	0.04		
23													23												23		T		
24	T	T	T	T	T								24												24		T		
25													25												25		0.00		
26													26		T	0.01	0.02	0.02	0.02	0.02	0.04	0.02	0.04	0.04	0.08	26	0.31	0.37	
27	0.06	0.03	0.02	0.01	0.01	0.01	T	0.02	T	0.01	T	T	27												27	0.17	0.16		
28													28												28		0.00		
29													29												29		0.00		
30													30												30		0.00		
31													31												31		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	.04	.06	.07	.09	.13	.15	.15	.15	.15	.17	.20
Ending Date	01	01	01	01	01	01	01	01	01	01	01	27
Ending Time (Hour/Min)	1223	1223	1223	1223	1231	1235	1244	1244	1244	1244	1411	0038

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 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		
	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

ANCHORAGE, AK DECEMBER 2004

Ceilorometer (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	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							3.00	10.00	
02							.75	10.00	
03							.75	10.00	
04							5.00	10.00	
05							5.00	10.00	
06							10.00	10.00	
07							10.00	10.00	
08							.06	10.00	
09							.25	10.00	
10							10.00	10.00	
11							4.00	10.00	
12							2.00	10.00	
13							.50	10.00	
14							10.00	10.00	
15							10.00	10.00	
16							7.00	10.00	
17							10.00	10.00	
18							9.00	10.00	
19							.50	10.00	
20							1.50	10.00	
21							.75	10.00	
22							4.00	10.00	
23							4.00	10.00	
24							6.00	10.00	
25							10.00	10.00	
26							.25	10.00	
27							.50	10.00	
28							10.00	10.00	
29							10.00	10.00	
30							10.00	10.00	
31							10.00	10.00	
MONTHLY AVGS							5.52	10.00	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING 31									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0 2 10 13									

OBSERVATIONS AT 3-HOURLY INTERVALS

ANCHORAGE, AK

DECEMBER 2004

ANC

WBAN # 26451

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F			RELATIVE HUMIDITY (PCT)	WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)		DRY BULB	DEW POINT	WET BULB	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	SPEED (MPH)	DIRECTION TENS OF DEG
SUNRISE: 0946				DEC 01				SUNSET: 1553				SUNRISE: 0958				DEC 07				SUNSET: 1546							
03	OVC	085		10.00	31	29	30	92	5	34	29.31	29.46	03	OVC	130		10.00	20	11	17	68	8	02	28.92	29.07		
06	OVC	038		10.00	-FZRA	BCFG	33	31	32	92	15	01	29.16	29.30	06	BKN	140		10.00	20	14	18	78	7	36	28.88	29.03
09	OVC	070		9.00	-RA	VCFG	34	33	34	97	7	31	29.02	29.16	09	BKN	200		10.00	23	16	21	74	7	34	28.88	29.03
12	OVC	025		7.00	RA	VCFG	39	35	37	86	13	17	29.05	29.20	12	OVC	150		10.00	25	17	22	72	8	35	28.91	29.05
15	OVC	015		7.00	-RA	VCFG	37	34	36	89	12	20	29.18	29.32	15	OVC	150		10.00	26	17	22	73	8	01	28.90	29.04
18	OVC	040		10.00			37	31	35	79	14	18	29.25	29.40	18	OVC	110		10.00	26	18	23	71	9	36	28.89	29.04
21	OVC	070		10.00			37	28	34	70	13	17	29.31	29.45	21	OVC	100		10.00	27	18	24	69	9	36	28.89	29.04
24	OVC	140		10.00			35	29	33	78	5	15	29.24	29.38	24	OVC	095		10.00	27	18	24	69	8	01	28.88	29.03
SUNRISE: 0948				DEC 02				SUNSET: 1552				SUNRISE: 0959				DEC 08				SUNSET: 1545							
03	OVC	010		1.50	-SN	BR	33	31	32	92	7	06	29.19	29.34	03	BKN	120		10.00	25	16	22	69	8	36	28.86	29.00
06	OVC	002		1.00	-SN	BR	32	31	32	96	9	04	29.02	29.17	06	BKN	150		10.00	25	14	22	63	5	03	28.80	28.95
09	OVC	005		6.00	-SN	BR	33	31	32	92	8	36	28.92	29.07	09	BKN	200		10.00	20	14	18	78	0	00	28.76	28.91
12	OVC	007		7.00	BCFG		31	28	30	89	9	01	28.89	29.03	12	OVC	200		10.00	21	15	19	78	5	13	28.75	28.90
15	OVC	080		7.00	-SN	BCFG	32	28	30	85	8	02	28.91	29.05	15	BKN	200		10.00	23	15	21	72	0	00	28.73	28.88
18	OVC	012		1.50	-SN		31	27	29	85	6	VR	29.01	29.16	18	BKN	150		10.00	15	13	14	91	0	00	28.75	28.90
21	VV	005		0.75	-SN		29	27	28	92	6	03	29.11	29.25	21	OVC	150	VCFG	10.00	16	13	15	88	3	12	28.78	28.93
24	VV	005		0.75	-SN		29	25	28	85	9	36	29.20	29.34	24	VV	001	FZFG	0.06	21	19	20	92	3	09	28.83	28.97
SUNRISE: 0950				DEC 03				SUNSET: 1550				SUNRISE: 1001				DEC 09				SUNSET: 1544							
03	OVC	027		3.00	-SN		30	23	28	75	7	27	29.28	29.43	03	BKN	130	VCFG	2.00	19	16	18	88	0	00	28.86	29.01
06	OVC	060		10.00			31	17	26	56	23	34	29.36	29.50	06	BKN	120		10.00	17	13	16	84	7	35	28.88	29.03
09	BKN	075		10.00			30	15	25	54	22	33	29.46	29.60	09	BKN	200		10.00	16	9	14	74	8	03	28.93	29.08
12	BKN	065		10.00			29	14	24	54	10	36	29.57	29.72	12	BKN	150		10.00	16	7	14	67	8	01	28.98	29.12
15	BKN	180		10.00			29	11	24	47	7	02	29.66	29.81	15	BKN	180		10.00	16	7	14	67	9	02	28.98	29.13
18	BKN	200		10.00			27	12	23	53	7	01	29.72	29.87	18	OVC	070		10.00	16	6	14	65	9	02	29.01	29.15
21	SCT	NC		10.00			24	10	20	55	6	02	29.78	29.93	21	OVC	070		10.00	17	7	15	64	7	02	29.04	29.18
24	SCT	NC		10.00			23	10	19	57	9	02	29.83	29.98	24	OVC	055		10.00	18	8	15	65	5	36	29.12	29.26
SUNRISE: 0952				DEC 04				SUNSET: 1549				SUNRISE: 1003				DEC 10				SUNSET: 1543							
03	BKN	080		10.00			20	9	17	62	3	VR	29.88	30.02	03	OVC	080		10.00	19	8	16	62	7	04	29.17	29.32
06	BKN	150		10.00			18	8	15	65	5	14	29.88	30.03	06	SCT	NC		10.00	17	7	15	64	9	03	29.20	29.35
09	FEW	NC		10.00			16	6	14	65	0	00	29.84	29.99	09	FEW	NC		10.00	15	9	14	77	8	07	29.25	29.40
12	SCT	NC		10.00			18	8	15	65	6	04	29.79	29.94	12	SCT	NC	VCFG	10.00	18	8	15	65	3	02	29.29	29.44
15	BKN	007		8.00			16	14	15	92	6	01	29.67	29.82	15	SCT	NC		10.00	17	10	15	74	8	07	29.31	29.46
18	BKN	200		10.00	VCFG		12	8	11	84	5	04	29.63	29.78	18	FEW	NC		10.00	15	11	14	84	6	35	29.32	29.47
21	OVC	003		6.00	BR		12	9	11	87	5	09	29.58	29.73	21	FEW	NC		10.00	16	13	15	88	0	00	29.33	29.47
24	OVC	004		6.00	-SN	BR	11	8	10	88	7	01	29.57	29.71	24	CLR	NC		10.00	16	11	15	80	5	35	29.35	29.50
SUNRISE: 0954				DEC 05				SUNSET: 1548				SUNRISE: 1004				DEC 11				SUNSET: 1543							
03	BKN	200		10.00			8	4	7	83	3	36	29.57	29.72	03	FEW	NC		10.00	15	10	14	80	7	31	29.33	29.47
06	SCT	NC		10.00			8	2	7	76	6	VR	29.58	29.73	06	BKN	130		10.00	16	10	14	77	8	33	29.28	29.42
09	BKN	010		7.00			7	4	6	87	0	00	29.56	29.71	09	OVC	080		10.00	19	11	17	71	13	33	29.29	29.44
12	BKN	005		7.00	VCFG		10	8	10	92	0	00	29.55	29.70	12	BKN	100		10.00	22	12	19	66	6	03	29.30	29.45
15	BKN	006		9.00	-SN		10	7	9	87	6	02	29.50	29.65	15	BKN	140		10.00	22	14	20	71	5	05	29.33	29.48
18	BKN	200		10.00			5	1	4	83	6	01	29.47	29.62	18	OVC	050	-SN	10.00	23	19	22	85	5	03	29.41	29.56
21	OVC	140		10.00			5	1	4	83	8	02	29.44	29.59	21	FEW	NC		10.00	22	18	21	85	5	04	29.45	29.59
24	OVC	060		10.00	-SN		7	4	6	87	6	01	29.40	29.55	24	BKN	140		10.00	22	17	20	82	5	33	29.46	29.61
SUNRISE: 0956				DEC 06				SUNSET: 1547				SUNRISE: 1005				DEC 12				SUNSET: 1542							
03	OVC	070		10.00	-SN		10	4	9	76	8	03	29.36	29.51	03	SCT	NC		10.00	21	18	20	88	9	36	29.44	29.59
06	OVC	060		10.00	-SN		12	4	10	70	10	01	29.30	29.45	06	SCT	NC		10.00	24	19	22	81	8	03	29.31	29.46
09	OVC	120		10.00			10	5	9	80	6	01	29.27	29.42	09	BKN	090		10.00	25	18	23	75	8	01	29.31	29.46
12	BKN	150		10.00			14	9	13	80	9	01	29.24	29.39	12	OVC	030		10.00	27	22	25	81	12	34	29.40	29.55
15	BKN	100		10.00			15	11	14	84	8	01	29.17	29.31	15	BKN	070		10.00	28	26	27	92	0	00	29.51	29.66
18	OVC	090		10.00			17	12	16	80	9	02	29.12	29.27	18	BKN	140		10.00	31	26	29	82	3	VR	29.57	29.71
21	OVC	100		10.00			18	13	17	81	7	02	29.06	29.21	21	OVC	140		10.00	27	24	26	89	5	10	29.57	29.72
24	OVC	075		10.00			19	12	17	74	8	03	29.00	29.15	24	OVC	050	-SN	10.00	27	22	25	81	9	02	29.52	29.67

OBSERVATIONS AT 3-HOURLY INTERVALS

ANCHORAGE, AK

DECEMBER 2004

ANC

WBAN # 26451

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)							
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	SKY COVER	CEILING 100'S OF FT	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 1007				DEC 13				SUNSET: 1542				SUNRISE: 1012				DEC 19				SUNSET: 1542									
03	OVC	050		10.00	-SN	27	23	26	85	5	04	29.43	29.57	03	OVC	060		10.00	33	31	32	92	5	16	29.16	29.31			
06	OVC	049		10.00	-SN	27	25	26	92	8	01	29.34	29.48	06	BKN	095		10.00	34	32	33	92	12	20	29.23	29.37			
09	BKN	006		10.00	VCFG	28	26	27	92	6	01	29.30	29.44	09	OVC	013		5.00	-SN	33	31	32	92	10	19	29.34	29.48		
12	BKN	120		10.00		29	26	28	89	5	01	29.27	29.41	12	OVC	043		3.00	-SN	33	30	32	89	9	19	29.43	29.58		
15	OVC	065		10.00		31	26	29	82	5	VR	29.22	29.37	15	VV	006		0.75	-SN	31	30	31	96	8	18	29.50	29.65		
18	VV	003		0.50	SN	32	31	32	96	10	20	29.25	29.39	18	OVC	015		1.50	-SN	30	28	29	92	8	20	29.56	29.70		
21	OVC	017		4.00	-SN	33	31	32	92	13	18	29.29	29.43	21	OVC	011		2.00	-SN	29	27	28	92	0	00	29.63	29.78		
24	OVC	055		10.00		34	28	32	79	13	18	29.36	29.51	24	OVC	015		5.00	-SN	28	25	27	88	0	00	29.72	29.86		
SUNRISE: 1008				DEC 14				SUNSET: 1542				SUNRISE: 1013				DEC 20				SUNSET: 1542									
03	BKN	090		10.00		34	26	31	73	16	18	29.46	29.61	03	OVC	034		9.00	-SN	27	23	26	85	6	04	29.82	29.97		
06	FEW	NC		10.00		33	25	30	72	14	18	29.58	29.72	06	OVC	037		10.00	-SN	27	21	25	78	7	06	29.89	30.03		
09	FEW	NC		10.00		31	24	28	76	9	16	29.65	29.80	09	BKN	020		10.00	-SN	27	18	24	69	6	07	29.95	30.09		
12	SCT	NC		10.00		30	23	28	75	12	15	29.75	29.90	12	BKN	040		10.00		27	15	23	61	7	03	30.00	30.15		
15	BKN	130		10.00		26	23	25	88	0	00	29.79	29.93	15	BKN	017		10.00		21	10	18	62	6	01	30.06	30.21		
18	BKN	200		10.00		26	22	25	84	6	30	29.81	29.96	18	BKN	200		10.00		16	11	15	80	6	01	30.06	30.21		
21	OVC	180		10.00		25	22	24	88	3	33	29.82	29.96	21	BKN	200		10.00		15	9	14	77	9	02	30.07	30.22		
24	OVC	080		10.00		26	21	24	81	0	00	29.76	29.91	24	OVC	008		10.00	VCFG	15	9	14	77	8	01	30.07	30.22		
SUNRISE: 1009				DEC 15				SUNSET: 1541				SUNRISE: 1014				DEC 21				SUNSET: 1542									
03	OVC	140		10.00		24	20	23	84	5	36	29.70	29.85	03	OVC	035		10.00		14	8	13	77	8	01	30.05	30.20		
06	OVC	120		10.00		25	19	23	78	7	01	29.58	29.73	06	OVC	095		10.00		15	9	14	77	10	36	30.02	30.16		
09	BKN	095		10.00		26	20	24	78	6	34	29.45	29.59	09	OVC	007		1.00	-SN BR	16	12	15	84	7	02	30.01	30.16		
12	OVC	070		10.00		28	20	25	72	7	36	29.35	29.49	12	OVC	029		10.00	-SN VCFG	18	14	17	84	8	02	30.03	30.17		
15	BKN	100		10.00		29	21	26	72	0	00	29.24	29.39	15	OVC	047		10.00	-SN	19	15	18	85	6	01	30.00	30.15		
18	OVC	070		10.00		30	22	27	72	6	32	29.24	29.39	18	OVC	055		10.00		21	17	20	85	10	01	29.91	30.06		
21	OVC	140		10.00		30	22	27	72	5	36	29.23	29.37	21	OVC	040		7.00	-SN	22	19	21	89	8	35	29.80	29.95		
24	OVC	110		10.00		29	24	27	82	0	00	29.23	29.37	24	OVC	022		3.00	-SN	22	20	21	92	13	34	29.62	29.77		
SUNRISE: 1010				DEC 16				SUNSET: 1541				SUNRISE: 1014				DEC 22				SUNSET: 1543									
03	OVC	200		10.00		30	25	28	82	6	30	29.20	29.34	03	OVC	075		10.00	-SN	26	16	23	66	10	32	29.38	29.52		
06	BKN	070		10.00		30	24	28	79	7	01	29.10	29.24	06	OVC	060		10.00	-FZRA	28	22	26	78	25	35	29.30	29.45		
09	BKN	070		10.00		30	23	28	75	7	06	29.06	29.20	09	OVC	060		10.00	-FZRA	29	22	27	73	9	35	29.28	29.42		
12	OVC	100		10.00		30	24	28	79	5	09	29.06	29.21	12	OVC	075		10.00		31	23	28	72	8	09	29.26	29.41		
15	BKN	100		10.00		30	24	28	79	7	13	29.09	29.23	15	OVC	065		10.00	-FZRA	35	25	32	67	26	15	29.18	29.32		
18	BKN	140		10.00		30	24	28	79	9	17	29.16	29.30	18	OVC	130		10.00		40	32	37	73	22	15	29.16	29.31		
21	OVC	070		10.00		30	27	29	88	0	00	29.26	29.40	21	OVC	130		10.00		43	32	38	65	24	15	29.14	29.29		
24	OVC	045		10.00		32	30	31	92	0	00	29.37	29.51	24	BKN	200		10.00		45	32	39	61	24	16	29.13	29.27		
SUNRISE: 1011				DEC 17				SUNSET: 1541				SUNRISE: 1014				DEC 23				SUNSET: 1543									
03	OVC	065		10.00		29	28	29	96	5	17	29.45	29.59	03	OVC	200		10.00		44	32	39	63	22	15	29.11	29.25		
06	OVC	075		10.00	-FZRA	30	29	30	96	7	31	29.50	29.65	06	BKN	070		10.00		42	32	38	68	14	18	29.10	29.24		
09	BKN	130		10.00		30	28	29	92	9	31	29.54	29.68	09	OVC	034		10.00	-RASN	36	29	33	76	14	21	29.15	29.29		
12	BKN	110		10.00	VCFG	30	29	30	96	8	30	29.56	29.71	12	BKN	050		10.00		33	24	30	70	12	22	29.21	29.35		
15	SCT	NC		10.00		31	29	30	92	6	33	29.53	29.68	15	BKN	065		10.00		30	18	26	61	10	20	29.24	29.38		
18	BKN	120		10.00		31	29	30	92	9	32	29.49	29.64	18	BKN	035		10.00		20	3	16	48	14	35	29.30	29.44		
21	OVC	110		10.00		31	28	30	89	8	33	29.40	29.54	21	BKN	055		10.00		14	-4	10	44	17	36	29.34	29.49		
24	OVC	070		10.00		33	28	31	82	7	36	29.20	29.34	24	OVC	043		10.00		11	-8	8	42	18	03	29.41	29.56		
SUNRISE: 1012				DEC 18				SUNSET: 1541				SUNRISE: 1015				DEC 24				SUNSET: 1544									
03	OVC	065		10.00	-RA	35	29	33	78	12	35	29.05	29.19	03	OVC	120		10.00		10	-7	7	45	12	03	29.47	29.62		
06	OVC	080		10.00		35	29	33	78	7	36	28.97	29.11	06	OVC	070		10.00		11	-5	8	48	12	02	29.55	29.70		
09	BKN	100		10.00		36	29	33	76	3	32	28.95	29.09	09	OVC	038		9.00	-SN	13	-3	10	49	21	02	29.67	29.82		
12	OVC	085		10.00		37	31	35	79	5	26	28.99	29.13	12	SCT	NC		10.00		14	-1	11	51	21	36	29.82	29.97		
15	BKN	100		10.00		36	31	34	82	0	00	28.98	29.12	15	FEW	NC		10.00		16	-1	12	47	14	35	29.97	30.12		
18	OVC	050		10.00	-RA	35	32	34	89	0	00	29.05	29.19	18	CLR	NC		10.00		16	-2	12	45	16	01	30.07	30.21		
21	OVC	065		10.00		35	32	34	89	0	00	29.06	29.21	21	CLR	NC		10.00		16	-4	12	41	17	01	30.15	30.30		
24	OVC	095		10.00		32	31	32	96	3	35	29.10	29.24	24	CLR	NC		10.00		13	-4	10	46	14	01	30.25	30.39		

OBSERVATIONS AT 3-HOURLY INTERVALS

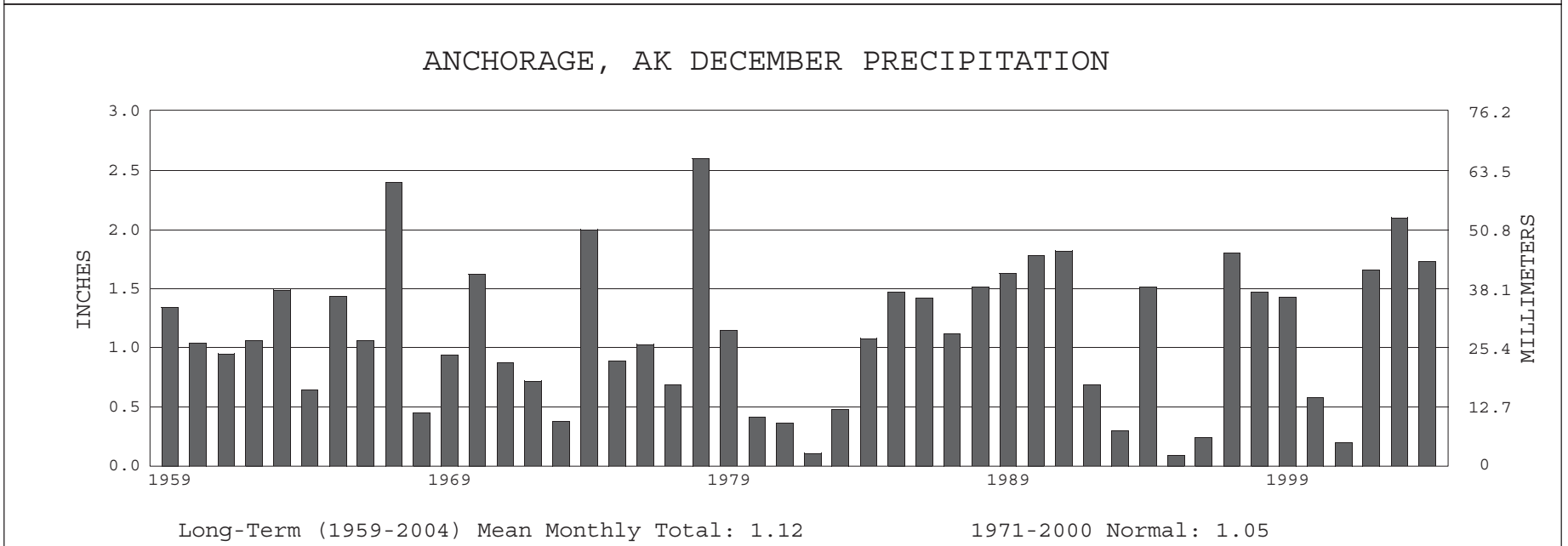
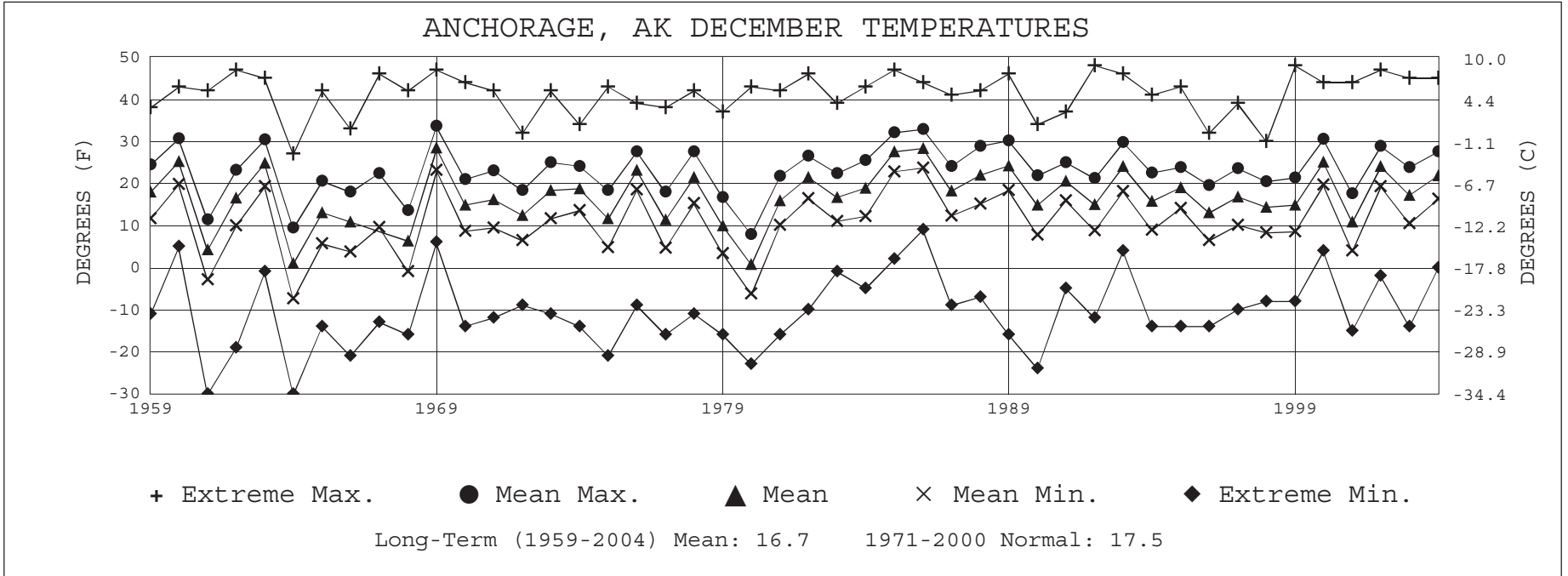
ANCHORAGE, AK

DECEMBER 2004

ANC

WBAN # 26451

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)			
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG
SUNRISE: 1015 DEC 25 SUNSET: 1545												SUNRISE: 1013 DEC 31 SUNSET: 1552													
03	SCT	NC		10.00	11	-5	8	48	8	36	30.30	30.45	03	OVC	095		10.00	17	10	15	74	0	00	30.15	30.30
06	BKN	200		10.00	11	-4	8	51	5	13	30.35	30.50	06	OVC	080		10.00	20	15	19	81	5	03	30.12	30.27
09	BKN	200		10.00	3	-4	2	72	6	VR	30.36	30.52	09	OVC	055		10.00	19	11	17	71	5	01	30.13	30.27
12	BKN	200		10.00	10	-3	8	55	0	00	30.36	30.51	12	OVC	075		10.00	18	6	15	60	3	36	30.13	30.27
15	BKN	200		10.00	11	-3	8	53	7	03	30.33	30.48	15	OVC	070		10.00	21	8	18	57	5	02	30.11	30.25
18	BKN	200		10.00	6	0	5	76	5	34	30.29	30.45	18	OVC	095		10.00	21	8	18	57	3	06	30.12	30.27
21	OVC	140		10.00	9	4	8	80	0	00	30.22	30.37	21	OVC	070		10.00	22	9	18	57	3	02	30.13	30.27
24	BKN	200		10.00	8	4	7	83	3	14	30.19	30.35	24	BKN	070		10.00	20	12	18	71	0	00	30.14	30.29
SUNRISE: 1015 DEC 26 SUNSET: 1546												3-HOURLY OBSERVATION NOTES													
03	BKN	220		10.00	11	7	10	84	0	00	30.16	30.31	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 Visibility = 8/8.												
06	OVC	110		10.00	14	-5	10	42	0	00	30.13	30.29	Ceiling is reported in hundreds of feet above ground level for clouds at or below 12,000 feet.												
09	OVC	100		10.00	14	5	12	67	0	00	30.12	30.27	NC = No ceiling detected.												
12	OVC	035		10.00	17	12	16	80	5	07	30.08	30.23	& = Original observation contained additional weather elements.												
15	VV	015		1.25	-SN	14	10	13	84	7	36	30.00	30.15	See page 3 for additional notes.											
18	OVC	025		1.00	-SN	11	8	10	88	9	01	29.89	30.04												
21	VV	009		0.75	-SN	13	9	12	84	9	02	29.76	29.91												
24	VV	005		0.25	+SN	15	12	14	88	6	04	29.64	29.79												
SUNRISE: 1015 DEC 27 SUNSET: 1547												SUMMARY BY HOUR													
03	OVC	010		1.00	-SN BR	17	14	16	88	7	03	29.52	29.67	AVERAGES											
06	OVC	030		2.00	-SN BR	21	17	20	85	12	03	29.47	29.62	RESULTANT WIND (MPH)											
09	OVC	040		2.00	-SN BR	22	19	21	89	12	03	29.44	29.59	SPEED DIRECTION											
12	BKN	055		10.00		23	19	22	85	8	02	29.45	29.59	HOUR (LST) CEILOMETER EFF CLD AMT DRY BULB DEW POINT WET BULB RELATIVE HUMIDITY PRESSURE (INCHES, HG) VISIBILITY (MILES) WIND SPEED (MPH)											
15	SCT	NC		10.00		20	16	19	85	3	02	29.45	29.60	01 23 16 21 76 29.51 29.66 8.78 8 5 2											
18	SCT	NC		10.00		16	13	15	88	0	00	29.51	29.65	02 22 15 20 74 29.51 29.66 8.66 7 4 1											
21	SCT	NC		10.00		14	11	13	88	5	19	29.55	29.70	03 22 15 20 75 29.50 29.65 8.92 8 4 1											
24	SCT	NC		10.00		23	11	20	60	7	33	29.59	29.73	04 22 15 20 74 29.50 29.65 9.19 8 4 2											
SUNRISE: 1014 DEC 28 SUNSET: 1548												05 22 15 20 75 29.49 29.63 9.39 9 5 36													
03	BKN	085		10.00		26	12	22	55	17	35	29.61	29.75	06 23 15 21 73 29.48 29.63 9.45 10 6 1											
06	FEW	NC		10.00		24	10	20	55	17	36	29.66	29.80	07 23 15 21 74 29.48 29.63 9.24 9 6 1											
09	FEW	NC		10.00		25	9	21	50	17	01	29.73	29.88	08 22 15 20 75 29.48 29.63 8.92 8 5 1											
12	FEW	NC		10.00		24	9	20	52	15	01	29.82	29.97	09 22 15 20 75 29.49 29.63 9.00 8 5 36											
15	FEW	NC		10.00		25	9	21	50	20	01	29.89	30.04	10 22 15 20 75 29.49 29.64 8.99 8 5 1											
18	CLR	NC		10.00		23	9	19	55	17	36	29.99	30.14	11 23 15 21 75 29.50 29.65 9.39 8 5 1											
21	CLR	NC		10.00		23	7	19	50	15	01	30.09	30.23	12 23 16 21 73 29.51 29.65 9.48 8 4 2											
24	CLR	NC		10.00		23	5	18	46	15	01	30.12	30.27	13 24 16 22 74 29.51 29.66 9.16 7 4 3											
SUNRISE: 1014 DEC 29 SUNSET: 1549												14 24 16 22 73 29.51 29.66 9.15 7 3 3													
03	CLR	NC		10.00		20	5	16	52	20	01	30.17	30.32	15 23 16 21 74 29.51 29.66 9.13 7 3 3											
06	CLR	NC		10.00		17	2	14	51	24	01	30.17	30.32	16 23 16 21 75 29.51 29.66 9.05 7 3 2											
09	FEW	NC		10.00		16	2	13	54	18	36	30.21	30.36	17 23 16 21 76 29.52 29.67 8.82 7 1 36											
12	FEW	NC		10.00		17	-1	13	45	16	01	30.24	30.38	18 22 15 20 77 29.53 29.68 8.85 7 3 1											
15	FEW	NC		10.00		16	-2	12	45	5	01	30.24	30.39	19 22 15 20 77 29.54 29.68 8.69 7 3 3											
18	SCT	NC		10.00		7	-2	5	66	3	VR	30.26	30.42	20 22 15 20 77 29.54 29.69 8.71 6 3 3											
21	FEW	NC		10.00		7	-1	6	70	3	12	30.24	30.40	21 22 15 20 77 29.54 29.68 8.73 7 3 3											
24	FEW	NC		10.00		4	-3	3	73	7	14	30.24	30.39	22 22 15 20 76 29.54 29.69 8.52 7 3 3											
SUNRISE: 1014 DEC 30 SUNSET: 1550												23 22 15 20 76 29.54 29.69 8.52 7 4 3													
03	FEW	NC		10.00		6	0	5	76	5	11	30.22	30.37	24 22 15 20 76 29.54 29.69 8.55 7 4 2											
06	BKN	200		10.00		9	2	8	73	0	00	30.22	30.37												
09	BKN	200		10.00		10	4	9	76	0	00	30.22	30.37												
12	BKN	200		10.00		9	4	8	80	3	11	30.22	30.37												
15	BKN	200		10.00		10	6	9	84	3	07	30.18	30.34												
18	BKN	120		10.00		11	8	10	88	0	00	30.18	30.34												
21	OVC	110		10.00		14	5	12	67	0	00	30.17	30.32												
24	OVC	120		10.00		16	10	14	77	0	00	30.18	30.32												





DECEMBER 2004

ANCHORAGE, AK

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

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