

ALASKA CROP-WEATHER



Alaska Division of Agriculture
Alaska Cooperative Extension

U.S. Department of Agriculture
National Agricultural Statistics Service
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RELEASED: June 7, 2004

GENERAL: There were **5.0 days suitable for fieldwork** last week. Temperatures were generally above normal last week with high temperatures reaching into the seventies and even the eighties in the Fairbanks area. **Topsoil moisture** supplies were reported as 15% short, 85% adequate. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. The **barley** crop was reported as 100% planted, 90% emerged. **Condition of the barley** crop was listed as 55% good, 45% excellent. **Oats** were listed as 95% planted, 85% emerged. **Planting of potatoes** was reported as 95% complete with 10% emerged. **Crop growth** was listed as 45% moderate, 55% rapid. **Condition of the hay** crop was listed as 10% fair, 65% good, 25% excellent. Farm activities for the week included planting potatoes, seeding forage oats, cultivation, equipment preparation and irrigation activities.

CROP WEATHER SUMMARY May 31 - June 6, 2004		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	15%	10%
ADEQUATE	85%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/31-06/06 MAT AES SITE: +0.994		

TANANA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture supplies** were 100% adequate. **Planting of barley** was complete and was 90% emerged. **Oats** were reported as 95% planted, 80% emerged. **Planting of potatoes** was 90% complete, 10% emerged. **Crop growth** was listed as 35% moderate, 65% rapid. **Condition of the hay** crop was listed as 10% fair, 65% good, 25% excellent. **Farm activities** for the week included weed control, planting potatoes and forage oats, preparing haying equipment, equipment repair and fence construction and repair.

MATANUSKA VALLEY: An average of **5.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 30% short, 70%adequate. **Subsoil moisture supplies** were reported as 25% short, 75% adequate. **Barley and oats** were 100% emerged. **Planting of potatoes** was reported 95% complete, 10% emerged. **Crop growth** was listed as 70% moderate, 30% rapid. **Condition of the hay** crop was listed as 10% fair, 65% good, 25% excellent. Major **farm activities** during the week included planting potatoes, weed control, irrigation and preparing for hay harvest.

KENAI PENINSULA: An average of **5.0 days were suitable for fieldwork**. **Topsoil and subsoil moistures** were both reported as 100% adequate. **Planting of potatoes** was 75% complete, 15% emerged. **Crop growth** was listed as 20% moderate, 80% rapid. **Condition of the hay** crop was listed as 30% fair, 50% good, 20% excellent. Major **farm activities** for the week included weed control, planting potatoes and readying hay equipment.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip
	2004	2003	2002	2004	2003	2002	High	Low	(inches)
UAF-AFES, Trunk Road	58	54	52	59	55	51	75	42	0.07
Sawmill Creek	na	42	na	na	na	na	na	na	na
Plant Materials Center	56	52	50	55	52	48	na	na	na

PAN EVAPORATION is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation.

Weather Summary For Alaska Agricultural Statistics Service
 Prepared By AWIS, Inc.

For the Period: Monday May 31, 2004
 To: Sunday June 6, 2004

STATION	LAST WEEK WEATHER SUMMARY						May 1, 04 - June 6, 04					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks Intl	81	47	61	+5	0.08	3	1.70	+0.83	16	170	+75	489
Fairbanks/Eiels	81	46	60	+4	0.53	4	3.06	+2.07	17	188	+98	526
Nenana Muni AM	81	43	59	+4	0.90	4	3.17	+2.67	20	142	+70	454
Ftgreely/Allen	76	41	56	+2	0.48	3	2.12	+0.93	14	107	+5	418
Healy River Air	73	45	56	+4	0.39	5	2.09	+0.95	26	116	+69	421
Gulkaņa Arpt_A	74	30	51	+0	0.14	4	0.81	-0.05	10	52	+25	370
Sutton	71	32	52	+2	0.31	4	1.53	+0.45	21	36	+5	345
Palmer Municipa	74	40	55	+2	0.04	2	0.70	-0.18	15	100	+40	455
Talkeetna	76	41	55	+3	0.21	3	1.93	-0.16	14	98	+57	445
Willow Airport	72	44	56	+5	0.16	4	1.26	+0.46	18	105	+74	455
Anchorage Intl	73	38	54	+3	0.00	0	0.88	-0.01	7	65	+17	391
Kenai Municipal	74	34	52	+4	0.10	1	1.19	+0.06	10	39	+22	321
Homer	67	37	50	+3	0.00	0	0.91	-0.33	9	19	+5	295
Kodiak	57	42	48	+2	2.08	7	7.86	+0.38	21	25	+8	300

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation (Rainfall or melted snow/ice) and Pan Evap in inches.
 Precipitation Days = Days with precip of .01 inch or more.
 Air Temperatures in Degrees Fahrenheit.

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