

ALASKA CROP-WEATHER



Alaska Division of Agriculture
Alaska Cooperative Extension

U.S. Department of Agriculture
National Agricultural Statistics Service
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RELEASED: May 10, 2004

GENERAL: There were **5.0 days suitable for fieldwork** last week. Planting was underway in the Mat-Su Valley, while the Delta Junction area was waiting for fields to dry out after several days of rain. **Topsoil moisture** supplies were reported as 5% short, 75% adequate, 20% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Fieldwork progress** was reported as zero to 5 days behind normal. **Hay supplies** were rated as 5% short, 85% adequate, 10% surplus. **Condition of livestock** was listed as 15% fair, 70% good, 15% excellent.

CROP WEATHER SUMMARY May 3 - May 9, 2004		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	0%
ADEQUATE	75%	100%
SURPLUS	20%	0%
PAN EVAPORATION FOR 05/03-05/09		
MAT AES SITE: +1.124		

TANANA VALLEY: An average of **3.0 days were suitable for fieldwork**, as rain fell at the end of the week causing some flooding in the Delta Junction area. **Topsoil moisture** was reported at 70% adequate, 30% surplus. **Subsoil moisture supplies** were 100% adequate. **Planting of barley and oats** is expected to begin next week. **Hay supplies** for cows was reported as 75% adequate, 25% surplus. **Livestock conditions** were listed as 20% fair, 50% good, 30% excellent. **Farm activities** for the week included preparing machinery and fertilizing hay ground. Local greenhouses are up and running.

MATANUSKA VALLEY: An average of **6.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 20% short, 80% adequate. **Subsoil moisture supplies** were reported as 100% adequate. **Hay supplies** were reported as 100% adequate. Hay fields continue to green up. **Planting of small grains** has begun. **Livestock conditions** were listed at 5% fair, 85% good, 10% excellent. Major **farm activities** during the week included preparing equipment, burning fields, fertilizing hay fields, planting vegetables and small grains. Irrigation has begun on a few vegetable and hay fields. Local greenhouses are open for business.

KENAI PENINSULA: An average of **7.0 days were suitable for fieldwork**. **Topsoil and subsoil moisture supplies** were reported as 95% adequate, 5% surplus. **Hay supplies** were reported as 20% short, 70% adequate, 10% surplus, with low feed supplies being reported in the Homer area. **Livestock conditions** were listed at 5% poor, 30% fair, 55% good, 10% excellent. Major **farm activities** for the week included preparing equipment, fertilizing hay fields and moving livestock to summer pastures. Local greenhouses are open for business.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2004	2003	2002	2004	2003	2002	High	Low	
UAF-AFES, Trunk Road	40	38	44	46	43	41	72	33	0.01
Sawmill Creek	36	na	na	na	na	na	66	26	1.16
Plant Materials Center	44	40	38	46	40	40	72	30	0.04

PAN EVAPORATION

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 3, 2004
 To: Sunday May 9, 2004

STATION	LAST WEEK WEATHER SUMMARY						May 1, 04 - May 9, 04					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks Intl	69	31	47	+3	0.93	3	0.93	+0.84	3	2	+2	64
Fairbanks/Eiels	68	34	48	+4	1.76	3	1.76	+1.66	3	6	+6	77
Nenana Muni AM	70	29	45	+3	1.22	4	1.22	+1.18	4	0	+2	56
Ftgreely/Allen	64	29	45	+2	0.99	3	0.99	+0.90	3	0	-9	56
Healy River Air	70	30	47	+5	0.77	4	0.78	+0.68	5	10	+13	68
Gulkaņa Arpt A	69	27	49	+9	0.04	2	0.04	-0.05	2	12	+12	85
Sutton	68	28	48	+5	0.13	3	0.21	+0.03	4	2	+2	70
Palmer Municipa	73	35	52	+8	0.05	4	0.05	-0.11	4	25	+24	108
Talkeetna	73	30	50	+8	0.08	1	0.08	-0.35	1	16	+18	98
Willow Airport	73	34	51	+7	0.10	3	0.15	-0.01	4	17	+17	98
Anchorage Intl	66	33	49	+5	0.08	1	0.08	-0.10	1	10	+10	82
Kenai Municipal	70	32	49	+7	0.10	1	0.13	-0.14	2	9	+9	80
Homer	64	33	46	+5	0.06	1	0.08	-0.28	2	2	+2	60
Kodiak	69	37	50	+9	0.07	1	1.02	-0.78	3	16	+16	76

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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