

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

Alaska Division of Agriculture
Alaska Cooperative Extension
Ag & Forestry Experiment Station

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P.O. Box 799
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GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 5% short, 85% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Fieldwork progress** was reported as zero to ten days behind normal statewide. **Barley** was reported as 55% planted; while oats were 30% planted. **Potato** planting was also underway. **Winter freeze damage to grass fields** was rated as 85% none, 10% light, 5% moderate. **Range and pasture condition** was reported as 15% poor, 25% fair, 55% good and 5% excellent. **Condition of livestock** was listed as 10% fair, 60% good, 30% excellent. The main **farm activities** for the week were planting small grains and potatoes, tilling fields, fence building & repair, transplanting vegetables, and applying fertilizer.

CROP WEATHER SUMMARY May 15 - May 21, 2006		
DAYS SUITABLE FOR FIELDWORK: 5.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	0%
ADEQUATE	85%	100%
SURPLUS	10%	0%
PAN EVAPORATION FOR 05/15- 05/21 MAT AES SITE: +0.878		

TANANA VALLEY: An average of **5.0 days were suitable for fieldwork** last week. **Topsoil moisture** was reported at 85% adequate, 15% surplus. **Subsoil moisture supplies** were 100% adequate. **Planting of barley** was reported as 55% complete; while planting of **oats** was 30% complete. **Potato** planting was underway. **Fieldwork progress** was reported as ten days behind normal due to rain and the cool spring conditions. **Winter freeze damage to grass fields** was rated as 85% none, 10% light, 5% moderate. **Range and pasture condition** was reported as 30% poor, 35% fair, 35% good. **Livestock conditions** were listed as 5% poor, 25% fair, 50% good, 20% excellent. **Farm activities** for the week included planting small grains and potatoes, preparing machinery and fence repair.

MATANUSKA VALLEY: An average of **7.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was reported as 100% adequate. **Planting of small grains and potatoes** continued. Vegetables also continued to be transplanted into fields. **Fieldwork progress** was reported as five to seven days behind normal. **Winter freeze damage to grass fields** was rated as 90% none, 10% light. **Range and pasture condition** was reported as 5% poor, 15% fair, 75% good, 5% excellent. **Livestock conditions** were listed at 5% fair, 65% good, 30% excellent. Major **farm activities** during the week included planting potatoes and small grains, fertilizing hay fields, spot spraying herbicides, preparing equipment, fence repair, and tilling fields.

KENAI PENINSULA: An average of **3.0 days were suitable for fieldwork**. **Topsoil and subsoil moistures** were both reported as 15% short, 85% adequate. **Fieldwork progress** was reported as seven to ten days behind normal due to the wet, cool spring conditions. **Winter freeze damage to grass fields** was rated as 60% none, 35% light, 5% moderate. **Range and pasture condition** was reported as 5% poor, 25% fair, 50% good, 20% excellent. **Livestock conditions** were listed at 10% fair, 55% good, 35% excellent. Major **farm activities** for the week included preparing equipment, applying fertilizer, tilling fields and transplanting vegetables.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	40	40	48	47	47	49	62	35	0.00
Sawmill Creek	39	41	43	na	na	na	68	27	0.58
Plant Materials Center	41	48	48	na	48	48	63	38	0.00

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.com from NWS preliminary data

For the Period: Monday May 15, 2006
 To: Sunday May 21, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - May 21, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	69	37	51	+2	0.11	3	0.17	-0.15	5	14	+2	142
Fairbanks/Eiels	68	43	53	+4	0.11	3	0.12	-0.22	4	27	+15	190
Nenana_Muni_AM	70	32	50	+2	0.09	3	0.09	-0.06	3	9	+3	119
Ftgreely/Allen	65	33	49	+0	0.71	4	0.77	+0.41	9	5	-26	114
Healy_River_Air	64	37	49	+2	0.10	3	0.23	-0.12	5	7	+6	126
Gulkana_Arpt_A	61	27	44	-2	0.00	0	0.15	-0.15	5	0	-2	32
Sutton	61	28	45	-2	0.04	2	0.85	+0.36	14	0	-4	72
Palmer_Municipa	62	35	48	-2	0.00	0	0.03	-0.36	1	0	-12	106
Talkeetna	61	30	46	-1	0.05	2	0.42	-0.61	7	0	-1	81
Willow_Airport	58	36	46	-2	0.03	1	0.71	+0.32	12	0	+0	95
Anchorage_Intl	57	34	44	-4	0.00	0	0.18	-0.24	3	0	-8	82
Kenai_Municipal	53	31	42	-3	0.13	2	0.41	-0.22	6	0	+0	51
Homer	52	31	43	-2	0.11	3	0.47	-0.30	11	0	+0	49
Kodiak	53	29	41	-3	0.52	2	4.05	-0.25	13	0	+0	26

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