

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** May 30, 2006

**GENERAL:** There were **7.0 days suitable for fieldwork** last week as little to no rain fell in most growing areas. **Topsoil moisture** supplies were reported as 15% short, 80% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. **Barley** was reported as 95% planted, 35% emerged. **Oats** were reported as 85% planted, 20% emerged. **Potato** planting was listed as 50% complete statewide. Condition of the **hay** crop was reported as 10% poor, 30% fair, 30% good and 30% excellent. **Crop growth** was rated as 30% slow, 70% moderate. **Wind and rain damage to crops** was listed as 95% none, 5% light. The main **farm activities** for the week were planting small grains and potatoes, tilling fields, spraying herbicides, fence repair, transplanting vegetables and applying fertilizer.

CROP WEATHER SUMMARY May 22 - May 28, 2006		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	15%	10%
ADEQUATE	80%	90%
SURPLUS	5%	0%
PAN EVAPORATION FOR 05/22- 05/28 MAT AES SITE: +1.734		

**TANANA VALLEY:** An average of **7.0 days were suitable for fieldwork** last week. A hard frost was reported over the weekend in the Delta Junction area. **Topsoil moisture** was reported at 5% short, 90% adequate, 5% surplus. **Subsoil moisture supplies** were 5% short, 95% adequate. **Planting of barley** was reported as 100% complete, 35% emerged. Planting of **oats** was 95% complete, 25% emerged. **Potato** planting was 20% complete. Condition of the **hay** crop was reported as 15% poor, 30% fair, 15% good and 40% excellent. **Crop growth** was rated as 35% slow, 65% moderate. **Wind and rain damage to crops** was listed as 95% none, 5% light. **Farm activities** for the week included planting small grains and potatoes, machinery repair, fertilizing hay ground, and fence repair.

**MATANUSKA VALLEY:** An average of **7.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 30% short, 70% adequate. **Subsoil moisture** was reported as 10% short, 90% adequate. **Planting of small grains** continued. **Potatoes** were reported as 70% planted. Vegetables also continued to be transplanted into fields. Condition of the **hay** crop was reported as 10% poor, 35% fair, 40% good and 15% excellent. **Crop growth** was rated as 20% slow, 80% moderate. No **wind or rain damage to crops** was reported. Major **farm activities** during the week included planting potatoes and small grains, fertilizing y fields, spot spraying herbicides, irrigating, fence repair, and working fallow ground.

**KENAI PENINSULA:** An average of **7.0 days were suitable for fieldwork**. **Topsoil and subsoil moistures** were both reported as 25% short, 75% adequate. No report was received on crop growth rates or condition of the hay crop this week. Major **farm activities** for the week included applying fertilizer, tilling fields and transplanting vegetables.

## Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	48	47	52	50	51	50	79	35	0.00
Sawmill Creek	41	na	43	na	na	na	75	29	0.49
Plant Materials Center	46	52	50	na	44	51	79	34	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 22, 2006  
 To: Sunday May 28, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - May 28, 06					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	76	37	55	+3	0.01	1	0.18	-0.33	6	52	+18	245
Fairbanks/Eiels	77	41	56	+4	0.23	3	0.35	-0.21	7	72	+38	304
Nenana_Muni_AM	77	32	53	+2	0.18	2	0.27	+0.01	5	39	+16	212
Ftgreely/Allen	72	33	53	+2	0.30	3	1.07	+0.45	12	36	-18	209
Healy_River_Air	75	41	54	+4	0.12	2	0.35	-0.25	7	44	+32	223
Gulkana_Arpt_A	76	34	54	+8	0.01	1	0.16	-0.33	6	31	+22	133
Sutton	73	34	56	+8	0.00	0	0.85	+0.15	14	43	+32	184
Palmer_Municipa	79	39	58	+9	0.00	0	0.03	-0.54	1	61	+35	237
Talkeetna	80	41	60	+12	0.00	0	0.42	-1.03	7	73	+62	224
Willow_Airport	79	42	61	+12	0.00	0	0.71	+0.18	12	78	+71	243
Anchorage_Intl	76	43	59	+10	0.00	0	0.18	-0.43	3	64	+45	216
Kenai_Municipal	79	34	56	+10	0.00	0	0.41	-0.44	6	47	+40	164
Homer	69	34	52	+8	0.03	3	0.50	-0.48	14	23	+19	137
Kodiak	75	41	57	+12	0.02	1	4.07	-1.64	14	52	+45	146

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