

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

USDA, NASS, Alaska Field Office
P.O. Box 799
Palmer, AK 99645

RELEASED: June 2, 2008

GENERAL: There were **7.0 days suitable for fieldwork**. Cool, dry condition prevailed over most of the State last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were also listed as 10% short, 90% adequate. **Barley** was reported as 100% planted, 55% emerged. **Oats** were reported as 100% planted, 40% emerged. **Potatoes** were reported as 70% planted. **Crop growth** was rated 10% slow, 80% moderate, 10% rapid. **Wind or rain damage** to new plantings was reported as 99% none, 1% light. Condition of **hay** was rated as 5% poor, 20% fair, 45% good, 30% excellent. The main **farm activities** for the week were planting small grains and potatoes, transplanting vegetables, spreading fertilizer, weed control.

CROP WEATHER SUMMARY May 26 - June 1, 2008		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	10%
ADEQUATE	90%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/26 - 06/01 MAT AES SITE: na		

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. Nighttime temperatures dipped into the 20's. **Topsoil moisture** was reported at 5% short, 90% adequate. **Subsoil moisture supplies** were 15% short, 85% adequate. **Barley and oats** were reported as 100% planted. Barley was reported as 55% emerged and oats were reported as 45% emerged. **Potatoes** were 50% planted. **Crop growth** was rated 85% moderate, 15% rapid. No **wind or rain damage** to new plantings was reported. Condition of **hay** was rated as 5% poor, 20% fair, 30% good, 45% excellent. **Farm activities** for the week included planting small grains and potatoes, spreading fertilizer and preparing machinery.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 15% short, 85% adequate. **Subsoil moisture** was reported as 5% short, 95% adequate. **Potatoes** were reported as 85% planted. Small grains fields were starting to emerged. **Crop growth** was rated 25% slow, 65% moderate, 10% rapid. No **wind or rain damage** to new plantings was reported. Condition of **hay** was rated as 10% fair, 75% good, 15% excellent. Major **farm activities** during the week included planting small grains and potatoes, transplanting vegetables, spreading fertilizer, weed control, irrigating, farm maintenance.

KENAI PENINSULA: There were **7.0 days suitable for fieldwork last**. **Topsoil moisture** was reported at 5% short, 95% adequate. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were 10% planted. **Crop growth** was rated 30% slow, 70% moderate. **Wind or rain damage** to new plantings was reported as 90% none, 10% light. Condition of **hay** was rated as 20% poor, 30% fair, 30% good, 20% excellent. Major **farm activities** for the week included planting vegetables, fertilizing hayfields.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	2008	2007	2006	2008	2007	2006	High	Low	
UAF-AFES, Trunk Road	46	49	50	50	54	50	67	33	0.00
Sawmill Creek	36	43	39	na	na	na	67	24	0.00
Plant Materials Center	46	na	46	na	na	na	64	34	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.com from NWS preliminary data

For the Period: Monday May 26, 2008
 To: Sunday June 1, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - June 1, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	70	32	48	-8	0.10	2	0.85	+0.18	13	42	-18	295
Fairbanks/Eiels	67	30	46	-10	0.04	1	1.55	+0.80	10	11	-47	214
Nenana_Muni_AM	68	29	46	-9	0.16	2	0.64	+0.28	8	19	-25	227
Ftgreely/Allen	65	33	48	-6	0.01	1	0.62	-0.25	8	11	-64	222
Healy_River_Air	60	35	44	-9	0.04	1	0.40	-0.43	9	3	-23	162
Gulkana_Arpt_A	65	28	48	-1	0.01	1	0.11	-0.55	5	2	-15	144
Sutton	61	28	46	-4	0.02	1	1.39	+0.51	15	0	-20	138
Palmer_Municipa	66	37	51	-1	0.00	0	0.20	-0.51	2	12	-29	231
Talkeetna	63	30	47	-5	0.00	0	0.60	-1.14	5	6	-17	165
Willow_Airport	63	40	52	+2	0.02	1	1.31	+0.66	15	24	+7	237
Anchorage_Intl	62	35	49	-3	0.00	0	0.41	-0.33	4	5	-27	174
Kenai_Municipal	65	31	48	+0	0.00	0	0.36	-0.62	5	5	-7	144
Homer	60	31	46	-2	0.06	1	1.10	+0.01	11	0	-9	101
Kodiak	64	35	48	+3	1.66	2	14.63	+8.12	20	7	-5	92

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