

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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RELEASED: June 16, 2008

GENERAL: There were **5.0 days suitable for fieldwork**. Cool conditions once again prevailed over most of the State last week. **Topsoil moisture** supplies were reported as 5% short, 95% adequate. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. **Barley and oats** were reported as 100% pre-boot. Condition of the barley crop was 40% fair, 60% good. Condition of the oat crop was 30% fair, 70% good. **Potatoes** were reported as 99% planted, 1% emerged. **Crop growth** was rated 5% slow, 85% moderate, 10% rapid. **Wind or rain damage** to new plantings was reported as 99% none, 1% light. Condition of **hay** was rated as 10% poor, 20% fair, 45% good, 25% excellent. The main **farm activities** for the week were planting potatoes, irrigating, weed control, preparing for hay harvest, general maintenance.

CROP WEATHER SUMMARY June 9 - June 15, 2008		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	5%	10%
ADEQUATE	95%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 06/09 - 06/15 MAT AES SITE: na		

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 5% short, 95% adequate. **Subsoil moisture supplies** were 15% short, 85% adequate. **Barley and oats** were reported as 100% pre-boot. **Potatoes** were 98% planted, 0% emerged. **Crop growth** was rated 85% moderate, 15% rapid. **Wind or rain damage** to new plantings was reported as 95% none, 5% light. Condition of **hay** was rated as 10% poor, 25% fair, 30% good, 35% excellent. A few fields of hay were mowed last week. **Farm activities** for the week included planting potatoes, seeding grass and forage oats, spraying weeds, working summer fallow.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture** was also reported as 10% short, 90% adequate. **Potatoes** were reported as 100% planted, less than 5% emerged. **Crop growth** was rated 90% moderate, 10% rapid. No **wind or rain damage** to new plantings was reported. Condition of **hay** was rated as 10% fair, 80% good, 10% excellent. Major **farm activities** during the week included planting small grains and potatoes, weed control, irrigating, farm maintenance.

KENAI PENINSULA: There were **5.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Potatoes** were 90% planted. **Crop growth** was rated 50% slow, 50% moderate. **Wind or rain damage** to new plantings was reported as 100% none. Condition of **hay** was rated as 20% poor, 30% fair, 30% good, 20% excellent. Major **farm activities** for the week included planting potatoes and vegetables, farm maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2008	2007	2006	2008	2007	2006	High	Low	
UAF-AFES, Trunk Road	53	54	55	53	58	55	67	41	na
Sawmill Creek	42	47	51	na	na	na	73	37	0.62
Plant Materials Center	50	50	51	na	na	na	66	40	0.29

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 June 9, 2008
 To: Sunday June 15, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - June 15, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	75	47	60	+1	0.53	4	1.87	+0.58	19	171	-6	564
Fairbanks/Eiels	74	42	56	-4	0.39	5	2.12	+0.63	18	89	-76	432
Nenana_Muni_AM	74	41	56	-2	0.17	3	1.17	+0.36	12	95	-45	443
Ftgreely/Allen	69	44	55	-3	0.43	3	1.06	-0.82	12	87	-78	438
Healy_River_Air	68	43	54	-3	0.23	5	0.92	-0.89	17	54	-43	349
Gulkana_Arpt_A	69	34	53	+0	0.56	4	0.72	-0.59	10	25	-27	297
Sutton	63	42	49	-4	0.13	5	2.05	+0.55	27	4	-56	258
Palmer_Municipa	66	44	52	-3	0.01	1	0.21	-1.03	3	41	-63	400
Talkeetna	68	44	53	-3	0.07	2	1.17	-1.63	11	37	-47	336
Willow_Airport	65	44	52	-3	0.12	3	1.95	+0.87	25	63	-6	415
Anchorage_Intl	63	38	49	-6	0.15	3	0.59	-0.59	8	11	-77	308
Kenai_Municipal	55	31	45	-6	0.10	3	0.53	-0.92	12	15	-19	255
Homer	52	33	45	-6	0.42	3	1.60	+0.09	16	0	-26	187
Kodiak	61	8	44	-5	0.29	4	19.33	+10.18	29	11	-16	173

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