

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
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RELEASED: June 9, 2008

GENERAL: There were **6.5 days suitable for fieldwork**. Cool conditions continued to prevail over most of the State last week. **Topsoil moisture** supplies were reported as 15% short, 85% adequate. **Subsoil moisture** supplies were also listed as 15% short, 85% adequate. **Barley and oats** were reported as 100% pre-boot. **Potatoes** were reported as 95% planted, 0% emerged **Crop growth** was rated 15% slow, 75% 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, transplanting vegetables, fertilizing hay & pasture, irrigating, weed control, general maintenance.

CROP WEATHER SUMMARY June 2 - June 8, 2008		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	15%	15%
ADEQUATE	85%	85%
SURPLUS	0%	0%
PAN EVAPORATION FOR 06/02 - 06/08 MAT AES SITE: 0.492		

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture supplies** were 15% short, 85% adequate. **Barley and oats** were reported as 100% pre-boot. **Potatoes** were 95% planted. **Crop growth** was rated 10% slow, 75% 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, 25% good, 40% excellent. **Farm activities** for the week included planting potatoes, spreading fertilizer, working on irrigation systems, equipment repair.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture** was reported as 15% short, 85% adequate. **Potatoes** were reported as 95% planted. **Crop growth** was rated 20% slow, 70% moderate, 10% rapid. No **wind or rain damage** to new plantings was reported. Condition of **hay** was rated as 5% fair, 95% good. Major **farm activities** during the week included planting small grains and potatoes, transplanting vegetables, weed control, irrigating, farm maintenance.

KENAI PENINSULA: There were **6.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were 65% planted. **Crop growth** was rated 60% slow, 40% moderate. **Wind or rain damage** to new plantings was reported as 99% none, 1% light. Condition of **hay** was rated as 20% poor, 30% fair, 30% good, 20% excellent. Major **farm activities** for the week included planting vegetables, waiting for rain.

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	49	52	50	52	57	55	627	41	0.22
Sawmill Creek	39	44	45	na	na	na	72	31	0.06
Plant Materials Center	na	43	41	na	na	na	na	na	na

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 2, 2008
 To: Sunday June 8, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - June 8, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	74	42	58	+1	0.49	2	1.34	+0.39	15	102	-9	425
Fairbanks/Eiels	73	37	55	-3	0.18	3	1.73	+0.64	13	45	-60	318
Nenana_Muni_AM	72	35	54	-3	0.36	1	1.00	+0.44	9	50	-36	328
Ftgreely/Allen	69	44	56	+1	0.01	1	0.63	-0.70	9	52	-62	333
Healy_River_Air	63	37	52	-3	0.29	3	0.69	-0.59	12	22	-35	249
Gulkana_Arpt_A	62	34	49	-3	0.05	1	0.16	-0.80	6	3	-28	205
Sutton	57	37	48	-4	0.53	7	1.92	+0.76	22	0	-37	192
Palmer_Municipa	62	42	51	-3	0.00	0	0.20	-0.76	2	22	-46	311
Talkeetna	63	38	51	-3	0.50	4	1.10	-1.14	9	14	-35	243
Willow_Airport	61	46	53	+0	0.52	7	1.83	+0.97	22	47	+9	330
Anchorage_Intl	60	42	49	-4	0.03	1	0.44	-0.51	5	9	-47	242
Kenai_Municipal	64	36	50	+2	0.07	4	0.43	-0.76	9	15	-5	217
Homer	54	37	47	-2	0.08	2	1.18	-0.12	13	0	-16	151
Kodiak	59	38	45	-3	4.41	5	19.04	+11.18	25	9	-10	131

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