

ALASKA CROP-WEATHER



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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

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GENERAL: There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 30% short, 70% adequate. **Subsoil moisture** supplies were listed as 20% short, 80% adequate. **Barley** was reported as 5% in dough. **Oats** were 70% headed. Condition of the barley crop was rated as 5% fair, 60% good, 35% excellent. Condition of the oat crop was rated as 70% good, 30% excellent. **Potatoes** were reported as 100% emerged. Condition of the potato crop was 15% fair, 55% good, 30% excellent. **First cutting of hay** was reported as 85% complete. Condition of the hay crop was rated as 15% poor, 35% fair, 40% good, 10% excellent. **Rate of crop growth** was reported as 50% moderate, 50% rapid. No **wind or rain damage** was reported. The main **farm activities** were harvesting hay, irrigation, machinery maintenance.

CROP WEATHER SUMMARY July 06 - July 12, 2009		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	30%	20%
ADEQUATE	70%	80%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/06 - 07/12 MAT AES SITE: 1.497		

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 25% short, 75% adequate. **Subsoil moisture** was reported as 15% short, 85% adequate. **Barley** was reported as 5% in the dough stage. **Oats** were 75% headed. **Condition of the barley crop** was rated as 5% fair, 60% good, 35% excellent. **Condition of the oat crop** was rated as 60% good, 40% excellent. **Potatoes** were 100% emerged. **First cutting of hay** was reported as 85% complete. **Condition of the hay crop** was listed as 15% poor, 40% fair, 40% good, 5% excellent. **Rate of crop growth** was 50% moderate, 50% rapid. **Farm activities** for the week included harvesting hay, irrigating, CRP maintenance.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork** as little rain fell again this week. **Topsoil moisture** was reported as 45% short, 55% adequate. **Subsoil moisture** was reported as 30% short, 70% adequate. **Potatoes** were reported as 100% emerged. **First cutting of hay** was reported as 90% complete. **Condition of the hay crop** was listed at 10% poor, 35% fair, 40% good, 15% excellent. **Rate of crop growth** was reported as 55% moderate, 45% rapid. **Farm activities** for the week included weed control, irrigating crops, harvesting hay, grass seed and vegetables.

KENAI PENINSULA: There were **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was reported as 5% short, 95% adequate. **Potatoes** were 85% emerged. **First cutting of hay** was 50% complete. **Condition of the hay crop** was listed as 15% poor, 20% fair, 40% good, 25% excellent. **Rate of crop growth** was reported as 60% moderate, 40% rapid. No **wind or rain damage** to crops was reported. **Farm activities** for the week were harvesting hay, equipment maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	62	na	59	64	na	58	82	47	0.00
Sawmill Creek	55	50	na	na	na	na	87	40	0.08
Plant Materials Center	57	53	55	na	na	na	82	45	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 July 6, 2009
 To: Sunday July 12, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - July 12, 09 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	91	54	68	+6	0.00	0	1.72	-0.88	12	627	+132	1281
Fairbanks/Eiels	88	48	65	+3	0.45	2	3.42	+0.18	22	469	+4	1077
Nenana_Muni_AM	89	48	65	+5	0.02	1	3.23	+1.09	21	477	+59	1100
Ftgreely/Allen	87	52	65	+4	0.15	2	3.96	-0.27	24	463	+40	1088
Healy_River_Air	86	50	64	+5	0.09	2	3.56	-0.55	32	349	+26	940
Gulkana_Arpt_A	86	47	66	+9	0.17	2	2.38	-0.43	22	305	+108	903
Sutton	81	46	63	+7	0.02	1	2.97	-0.15	31	193	-8	783
Palmer_Municipa	81	49	65	+7	0.00	0	0.48	-2.22	7	339	+48	1022
Talkeetna	89	50	68	+10	0.00	0	2.97	-2.20	15	372	+85	1002
Willow_Airport	82	54	69	+11	0.00	0	2.34	+0.09	26	509	+253	1203
Anchorage_Intl	79	50	63	+6	0.00	0	0.97	-1.32	12	274	+6	915
Kenai_Municipal	73	40	59	+5	0.00	0	1.63	-0.99	13	180	+49	790
Homer	67	44	55	+2	0.00	0	1.23	-1.28	17	62	-42	558
Kodiak	71	47	59	+6	0.00	0	7.78	-5.65	31	100	+0	602

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