

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: July 6, 2009

GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 20% short, 80% adequate. **Subsoil moisture** supplies were listed as 10% short, 90% adequate. **Barley** was reported as 60% headed. **Oats** were 40% headed. Condition of the barley crop was rated as 5% fair, 55% good, 40% excellent. Condition of the oat crop was rated as 70% good, 30% excellent. **Potatoes** were reported as 95% emerged. Condition of the potato crop was 15% fair, 60% good, 25% excellent. **First cutting of hay** was reported as 55% complete. Condition of the hay crop was rated as 10% poor, 30% fair, 45% good, 15% excellent. **Rate of crop growth** was reported as 55% moderate, 45% rapid. Little **wind and rain damage** was reported. The main **farm activities** were harvesting hay, irrigation, machinery maintenance.

CROP WEATHER SUMMARY June 29 - July 05, 2009		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	20%	10%
ADEQUATE	80%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 06/29 - 07/05 MAT AES SITE: 1.308		

TANANA VALLEY: An average of **6.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 15% short, 85% adequate. **Subsoil moisture** was reported as 5% short, 95% adequate. **Barley** was reported as 60% headed. **Oats** were 50% headed. **Condition of the barley crop** was rated as 5% fair, 55% good, 40% excellent. **Condition of the oat crop** was rated as 60% good, 40% excellent. **Potatoes** were 100% emerged. **First cutting of hay** was reported as 60% complete. **Condition of the hay crop** was listed as 15% poor, 40% fair, 40% good, 5% excellent. **Rate of crop growth** was 60% moderate, 40% rapid. **Farm activities** for the week included harvesting hay, mowing CRP.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 35% short, 65% adequate. **Subsoil moisture** was reported as 25% short, 75% adequate. **Potatoes** were reported as 95% emerged. **First cutting of hay** was reported as 45% complete. **Condition of the hay crop** was listed at 15% fair, 60% good, 25% excellent. **Rate of crop growth** was reported as 50% moderate, 50% rapid. **Farm activities** for the week included harvesting hay and vegetables, weed control, irrigating crops.

KENAI PENINSULA: There were **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were 50% emerged. **First cutting of hay** was 40% complete. **Condition of the hay crop** was listed as 15% poor, 20% fair, 40% good, 25% excellent. **Rate of crop growth** was reported as 10% slow, 50% moderate, 40% rapid. **Wind and rain damage** to crops was reported as 95% none, 5% light. **Farm activities** for the week were harvesting hay, machinery 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	61	60	60	63	60	60	74	44	0.00
Sawmill Creek	na	na	51	na	na	na	na	na	na
Plant Materials Center	57	53	na	na	na	na	79	43	0.03

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 29, 2009
 To: Sunday July 5, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - July 5, 09 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	83	47	63	+1	0.22	2	1.72	-0.53	12	498	+94	1082
Fairbanks/Eiels	81	44	61	-2	0.71	1	2.97	+0.22	20	363	-14	901
Nenana_Muni_AM	82	41	60	-2	0.45	3	3.21	+1.49	20	367	+32	920
Ftgreely/Allen	79	46	60	-1	0.11	2	3.81	+0.21	22	356	+10	911
Healy_River_Air	79	46	59	-1	0.36	2	3.47	-0.01	30	248	-5	769
Gulkana_Arpt_A	78	37	57	+1	0.34	2	2.21	-0.22	20	194	+46	722
Sutton	69	43	56	-1	0.06	2	2.95	+0.32	30	101	-54	621
Palmer_Municipa	75	47	60	+3	0.00	0	0.48	-1.79	7	235	+0	848
Talkeetna	79	45	61	+3	0.00	0	2.97	-1.53	15	244	+20	804
Willow_Airport	75	54	63	+6	0.02	1	2.34	+0.44	26	376	+179	1000
Anchorage_Intl	70	46	56	-2	0.00	0	0.97	-0.99	12	183	-29	754
Kenai_Municipal	73	40	54	+1	0.00	0	1.63	-0.64	13	119	+23	659
Homer	63	39	51	-3	0.00	0	1.23	-1.00	17	23	-53	449
Kodiak	66	38	51	-2	0.08	1	7.78	-4.66	31	39	-34	471

For more weather information visit www.awis.com
 or call 1-888-798-9955.

Copyright 2009: Agricultural Weather Information Service, Inc.
 All rights reserved.