

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 23, 2008

GENERAL: There were **6.0 days suitable for fieldwork**. **Topsoil moisture** supplies were reported as 15% short, 80% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 15% short, 85% 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, 10% emerged. **Crop growth** was rated 5% slow, 70% moderate, 25% rapid. **Hay** harvest was underway with 5% of the crop reported as harvested. Hay condition was rated as 10% poor, 35% fair, 50% good, 5% excellent.

Wind or rain damage to crops was reported as 95% none, 5% light. The main **farm activities** for the week were irrigation, weed control, harvesting hay, general maintenance.

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture supplies** were also 20% short, 80% adequate. **Barley and oats** were reported as 100% pre-boot. **Potatoes** were 100% planted, 15% emerged. **Crop growth** was rated 70% moderate, 30% rapid. **Wind or rain damage** was reported as 95% none, 5% light. **Hay** harvest was 10% complete. Condition of hay was rated as 15% poor, 40% fair, 45% good. **Farm activities** for the week included spraying weeds, harvesting hay, irrigation.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 80% adequate, 10% surplus. **Subsoil moisture** was reported as 10% short, 90% adequate. **Potatoes** were 100% planted, 5% emerged. **Crop growth** was rated 5% slow, 70% moderate, 25% rapid. **Wind or rain damage** was reported as 85% none, 10% light, 5% moderate. **Hay** harvest was 5% complete. Condition of hay was rated as 5% poor, 25% fair, 65% good, 5% excellent. Major **farm activities** during the week included weed control, irrigating, cutting hay, farm maintenance.

KENAI PENINSULA: There were **7.0 days suitable for fieldwork last week**. **Topsoil moisture** was reported at 10% short, 90% adequate. **Subsoil moisture** was also reported as 100% adequate. **Potatoes** were 90% planted, 50% emerged. **Crop growth** was rated 40% slow, 50% moderate, 10% rapid. No **wind or rain damage** was reported. Condition of **hay** was rated as 15% poor, 20% fair, 50% good, 15% excellent; hay harvest was not yet underway. Major **farm activities** for the week included farm maintenance and hoping for rain.

CROP WEATHER SUMMARY June 16 - June 22, 2008		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	15%	15%
ADEQUATE	80%	85%
SURPLUS	5%	0%
PAN EVAPORATION FOR 06/16 - 06/22 MAT AES SITE: 0.368		

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip (inches)</u>
	2008	2007	2006	2008	2007	2006	High	Low	
UAF-AFES, Trunk Road	55	55	56	53	56	55	69	44	0.02
Sawmill Creek	47	51	46	na	na	na	81	41	0.04
Plant Materials Center	51	51	51	na	na	na	69	42	0.39

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 16, 2008
 To: Sunday June 22, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - June 22, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	81	51	63	+3	0.07	2	1.94	+0.30	21	263	+9	726
Fairbanks/Eiels	80	48	61	+2	0.20	5	2.32	+0.41	23	168	-69	581
Nenana_Muni_AM	81	51	62	+3	0.34	4	1.51	+0.41	16	179	-27	597
Ftgreely/Allen	79	48	60	+2	0.54	4	1.60	-0.91	16	159	-65	580
Healy_River_Air	72	46	57	-1	0.13	3	1.05	-1.34	20	105	-43	470
Gulkana_Arpt_A	75	37	58	+4	0.28	2	1.00	-0.70	12	84	+4	426
Sutton	63	45	54	-1	0.08	2	2.13	+0.26	29	32	-57	356
Palmer_Municipa	69	47	56	+1	0.01	1	0.22	-1.36	4	87	-59	516
Talkeetna	69	42	57	+0	0.05	1	1.22	-2.16	12	87	-42	456
Willow_Airport	70	50	58	+3	0.05	1	2.00	+0.64	26	121	+12	543
Anchorage_Intl	63	45	53	-3	0.25	3	0.84	-0.62	11	36	-91	403
Kenai_Municipal	61	36	50	-2	0.19	1	0.72	-1.01	13	21	-31	328
Homer	60	37	50	-2	0.00	0	1.60	-0.12	16	3	-37	256
Kodiak	65	42	51	+1	0.01	1	19.34	+8.98	30	23	-18	250

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

Copyright 2008: Agricultural Weather Information Service, Inc.
 All rights reserved.