

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Alaska Field Office
P.O. Box 799
Palmer, AK 99645

RELEASED: June 1, 2009

GENERAL: There were **5.0 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 99% planted, 70% emerged. **Oats** were 85% planted, 40% emerged. **Potatoes** were reported as 60% planted. **Condition of the hay crop** was rated as 5% poor, 20% fair, 70% good, 5% excellent. **Rate of crop growth** was reported as 55% moderate, 45% rapid. The main **farm activities** for the week were planting barley, oats, vegetables and potatoes, fertilizing hay and pasture fields, irrigation, machinery maintenance.

CROP WEATHER SUMMARY May 25 - May 31, 2009		
DAYS SUITABLE FOR FIELDWORK: 5.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	20%	10%
ADEQUATE	80%	90%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/25 - 05/31 MAT AES SITE: 0.220		

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 30% short, 70% adequate. **Subsoil moisture supplies** were 15% short, 85% adequate. **Barley** was reported as 100% planted, 75% emerged. **Oats** were 85% planted, 50% emerged. **Potatoes** were 20% planted. **Condition of the hay crop** was listed as 5% poor, 25% fair, 65% good, 5% excellent. **Rate of crop growth** was reported as 40% moderate, 60% rapid. **Farm activities** for the week included seeding barley and oats, planting potatoes and vegetables, spreading fertilizer, cleaning up fields, preparing for herbicide spraying.

MATANUSKA VALLEY: An average of **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported as 5% short, 95% adequate. **Small grain** planting continued. **Potato** planting was reported as 90% complete. **Condition of the hay crop** was listed at 10% fair, 80% good, 10% excellent. **Rate of crop growth** was reported as 80% moderate, 20% rapid. Major **farm activities** during the week included planting potatoes and vegetables, weed control, irrigating, fertilizing.

KENAI PENINSULA: There were **4.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was also reported at 100% adequate. **Potato** planting was 20% complete. **Condition of the hay crop** was listed as 30% poor, 30% fair, 30% good, 10% excellent. **Rate of crop growth** was reported as 20% slow, 50% moderate, 30% rapid. Major **farm activities** for the week included fertilizing hay fields, equipment maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	48	46	49	48	50	54	72	40	0.46
Sawmill Creek	41	36	43	na	na	na	77	33	0.24
Plant Materials Center	46	46	na	na	na	na	73	36	0.45

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 May 25, 2009
 To: Sunday May 31, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - May 31, 09					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	80	41	57	+4	0.00	0	0.05	-0.55	1	125	+77	362
Fairbanks/Eiels	78	39	53	-1	0.18	3	0.47	-0.21	9	75	+28	265
Nenana_Muni_AM	78	37	54	+1	0.09	2	0.22	-0.10	6	87	+52	297
Ftgreely/Allen	74	40	54	+3	0.46	4	1.78	+1.01	8	97	+31	302
Healy_River_Air	70	38	51	+0	0.54	5	0.85	+0.11	12	49	+29	230
Gulkana_Arpt_A	75	34	52	+5	0.05	2	0.89	+0.30	7	20	+7	220
Sutton	66	34	47	-3	0.49	4	0.90	+0.08	10	4	-12	194
Palmer_Municipa	71	39	51	+0	0.13	1	0.25	-0.41	2	41	+6	307
Talkeetna	81	34	50	+0	1.68	4	1.74	+0.10	5	18	+1	241
Willow_Airport	72	43	53	+3	0.53	4	0.82	+0.22	7	81	+68	355
Anchorage_Intl	68	41	50	+0	0.24	3	0.60	-0.10	5	27	+1	251
Kenai_Municipal	65	34	47	+0	0.61	3	0.65	-0.30	5	10	+0	215
Homer	60	34	46	-1	0.40	3	0.75	-0.32	8	1	-6	123
Kodiak	56	38	46	+1	1.62	5	5.26	-1.05	13	7	-3	150

For more weather information visit www.awis.com
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«districtid» «countyid» «poid» AS«activestat»
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