

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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GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% short, 85% adequate. **Subsoil moisture** supplies were also reported as 15% short, 85% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 35% in dough. **Condition of the barley crop** was reported as 20% poor, 20% fair, 35% good, 25% excellent. **Condition of the oat crop** was reported as 15% poor, 30% fair, 35% good, 20% excellent. **Potatoes** were listed as 40% in bloom statewide. **Condition of the potato crop** was reported as 20% fair, 60% good, 20% excellent. First cutting **hay harvest** was 90% complete. Condition of the **hay crop** was reported as 5% poor, 20% fair, 50% good, 25% excellent. **Crop growth** was rated as 80% moderate, 20% rapid. **Wind and rain damage to crops** was reported as 95% none, 5% light. The main **farm activities** for the week were fertilizing for second cutting hay, working fallow ground, irrigating fields and harvesting hay, vegetables, and forage oats and barley..

CROP WEATHER SUMMARY July 24 – July 30, 2006		
DAYS SUITABLE FOR FIELDWORK: 6.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	15%	15%
ADEQUATE	85%	85%
SURPLUS	0%	0%
PAN EVAPORATION FOR 07/24- 07/30 MAT AES SITE: +0.376		

TANANA VALLEY: An average of **6.0 days were suitable for fieldwork** last week. **Topsoil moisture and subsoil moisture** were both reported as 15% short, 85% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 40% in dough. **Condition of the barley crop** was reported as 20% poor, 20% fair, 35% good, 25% excellent. **Condition of the oat crop** was reported as 20% poor, 35% fair, 20% good, 25% excellent. **Potatoes** were listed as 25% in bloom. **Condition of the potato crop** was reported as 30% fair, 60% good, 10% excellent. First cutting **hay harvest** was 95% complete. Condition of the **hay crop** was reported as 10% poor, 20% fair, 40% good, 30% excellent. **Crop growth** was rated as 70% moderate, 30% rapid. **Wind and rain damage to crops** was listed as 90% none, 10% light. **Farm activities** for the week included harvesting hay and forage grains, weed control, fertilizing for second cutting hay and preparing for small grain harvest.

MATANUSKA VALLEY: An average of **6.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 20% short, 80% adequate. **Subsoil moisture** was reported as 15% short, 85% adequate. **Potatoes** were reported as 50% in bloom. **Condition of the potato crop** was reported as 10% fair, 60% good, 30% excellent. First cutting of **hay** was 85% complete. Condition of the **hay crop** was reported as 10% fair, 75% good, 15% excellent. **Crop growth** was rated as 100% moderate. **Wind or rain damage to crops** was reported as 95% none, 5% light. Major **farm activities** during the week included harvesting hay, and vegetables, weed control, working fallow ground, fertilizing, and irrigating.

KENAI PENINSULA: An average of **6.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported as 100% adequate. **Potatoes** were reported as 40% in bloom. **Condition of the potato crop** was reported as 5% poor, 10% fair, 55% good, 30% excellent. First cutting of **hay** was 85% complete. Condition of the **hay crop** was reported as 20% fair, 50% good, 30% excellent. **Crop growth** was rated as 100% moderate. No **wind or rain damage to crops** was reported. Major **farm activities** for the week included harvesting hay and weed control.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2006	2005	2004	2006	2005	2004	High	Low	
UAF-AFES, Trunk Road	59	64	63	56	62	63	73	42	0.28
Sawmill Creek	na	na	na	na	na	na	na	na	na
Plant Materials Center	58	na	na	56	na	na	75	40	0.29

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 24, 2006
 To: Sunday July 30, 2006

STATION	LAST WEEK WEATHER SUMMARY						May 1, 06 - July 30, 06 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	80	47	62	+1	0.02	2	3.06	-0.61	28	670	-45	1466
Fairbanks/Eiels	81	48	64	+4	0.10	1	2.51	-2.07	37	787	+114	1627
Nenana_Muni_AM	80	47	61	+2	0.36	4	3.15	-0.21	30	601	-11	1376
Ftgreely/Allen	80	45	61	+1	0.15	3	7.35	+1.51	43	566	-50	1330
Healy_River_Air	77	46	61	+3	0.44	4	4.37	-1.24	45	560	+68	1347
Gulkana_Arpt_A	78	40	58	+2	0.22	1	1.27	-2.62	22	402	+77	1103
Sutton	70	39	54	-4	1.18	5	5.00	+0.52	54	268	-59	1006
Palmer_Municipa	74	45	58	+0	0.09	1	0.53	-3.43	10	478	+41	1280
Talkeetna	79	47	60	+1	0.09	3	5.80	-1.36	34	492	+43	1263
Willow_Airport	73	52	61	+2	0.68	5	4.31	+0.93	45	607	+189	1399
Anchorage_Intl	70	48	58	-1	0.05	2	2.51	-0.87	17	468	+42	1248
Kenai_Municipal	71	39	57	+2	0.10	2	3.11	-0.61	32	350	+123	1089
Homer	62	42	53	-3	0.10	2	2.40	-1.02	40	174	-13	899
Kodiak	67	45	53	-3	2.08	3	20.25	+4.56	46	182	-3	856

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