

ALASKA CROP-WEATHER

Alaska Division of Agriculture
Alaska Cooperative Extension



ALASKA
AGRICULTURAL
STATISTICS SERVICE

US Department of Agriculture
National Agricultural Statistics Service
P.O. Box 799
Palmer, AK 99645

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GENERAL: There were **4.0 days suitable for fieldwork** last week. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were reported as 30% short, 65% adequate, 5% surplus. **Barley** was reported as 90% harvested. Last year 95% of the crop was harvested at this time, the 5 year average is 40% harvested. **Oats** were reported as 80% harvested. Last year 90% of the crop was harvested at this time, the 5 year average is 30%. **Potatoes** were reported as 25% harvested. Second cutting of **hay** was remained at 65% complete statewide, as rain continued to hamper harvest. Winter supplies of hay were reported as 5% short, 95% adequate across the state. **Farm activities** for the week included harvesting barley, oats, hay, potatoes and vegetables, baling straw and equipment repair.

CROP WEATHER SUMMARY September 5 – September 11, 2005		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	30%
ADEQUATE	95%	65%
SURPLUS	5%	5%
PAN EVAPORATION FOR 09/05-09/12 MAT AES SITE: +1.02		

TANANA VALLEY: There were **3.5 days suitable for fieldwork** last week. Topsoil moisture was reported as 100% adequate. **Subsoil moisture** was reported as 50% short, 50% adequate. **Barley** was reported as 90% harvested. **Oats** were reported as 85% harvested. **Potatoes** were reported as 20% harvested. Second cutting **hay** was reported as 85% complete, as some high moisture hay was baled last week. **Farm activities** for the week included harvesting hay, oats, barley and vegetables, baling straw and equipment repair.

MATANUSKA VALLEY: There were **4.0 days suitable for fieldwork** as rains continued to fall during the week. **Topsoil moisture** was reported as 90% adequate, 10% surplus. **Subsoil moisture** was reported as 95% adequate, 5% surplus. **Small grain** harvest continued. **Potato** harvest was reported as 20% complete. Second cutting **hay** remained at 25% harvested due to the rain. **Farm activities** during the week included weed control, fence repair, as well as harvesting potatoes, small grains, sod and vegetables.

KENAI PENINSULA: An average of **3.5 days were suitable for fieldwork**. **Topsoil moisture** was reported as 70% adequate, 30% surplus. **Subsoil moisture** was reported as 80% adequate, 20% surplus. **Potatoes** were reported as 25% harvested. Second cutting **hay** harvest was 90% complete, but some first cutting remains to be done around Homer. **Farm activities** for the week were again limited by the rain, but small amounts of hay, potatoes and vegetables were harvested.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	2005	2004	2003	2005	2004	2003	High	Low	
UAF-AFES, Trunk Road	55	52	50	53	48	46	69	40	2.03
Sawmill Creek	46	na	38	na	na	na	66	32	0.37
Plant Materials Center	55	na	52	50	na	46	64	35	0.80

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, Inc.

For the Period: Monday September 5, 2005
 To: Sunday September 11, 2005

STATION	LAST WEEK WEATHER SUMMARY						May 1, 05 - September 11, 05					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	67	37	50	+2	0.37	7	7.27	+1.33	56	1154	+214	2439
Fairbanks/Eiels	66	41	52	+4	0.57	6	8.01	+0.49	62	1254	+359	2568
Nenana_Muni_AM	63	39	50	+4	0.43	6	6.38	+0.59	54	1035	+231	2323
Ftgreely/Allen	63	36	51	+3	0.29	3	6.91	-1.59	54	948	+105	2211
Healy_River_Air	57	36	48	+0	0.89	7	10.58	+1.84	83	857	+188	2088
Gulkana_Arpt_A	63	30	49	+4	0.33	5	8.30	+2.00	57	595	+114	1762
Sutton	59	34	48	-1	2.49	6	14.34	+5.97	99	512	+8	1742
Palmer_Municipa	62	41	52	+2	1.30	6	11.16	+3.87	59	861	+201	2177
Talkeetna	63	42	50	+2	3.96	6	13.08	-0.42	70	975	+319	2259
Willow_Airport	63	39	51	-1	2.53	6	12.75	+5.70	95	1037	+381	2348
Anchorage_Intl	62	43	53	+3	2.21	5	7.25	-0.24	51	887	+221	2190
Kenai_Municipal	64	35	53	+4	2.52	5	7.62	+0.01	52	478	+90	1684
Homer	62	41	53	+4	2.10	5	5.90	-1.04	72	580	+235	1854
Kodiak	63	38	52	+0	0.72	5	22.76	-0.08	73	501	+124	1692

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation (Rainfall or melted snow/ice) and Pan Evap in inches.
 Precipitation Days = Days with precip of .01 inch or more.
 Air Temperatures in Degrees Fahrenheit.

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 PO Box 799
 Palmer, AK 99645