

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 6.5 days suitable for fieldwork last week. Planting of small grains continued in the Mat-Su and Tanana valleys. **Potato** seeding was underway around Palmer. **Topsoil moisture** supplies were reported as 20% short, 80% adequate. **Subsoil moisture** supplies were listed as 100% adequate. **Barley** planting was reported at 80% complete statewide with 5% emerging. Planting of **oats** was reported as 40% complete. **Fieldwork progress** was reported as zero to 10 days ahead of normal. Prospects for new **feed growth on hay meadows and pastures** is 5% fair, 90% good, and 5% excellent. **Condition of livestock** was listed as 10% fair, 75% good, 15% excellent. Farm activities for the week included planting small grains, potatoes, and vegetables, spring baling of hay & straw, fertilizing and tilling fields, weed control.

CROP WEATHER SUMMARY May 09 - May 15, 2005		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	20%	0%
ADEQUATE	80%	100%
SURPLUS	0%	0%
PAN EVAPORATION FOR 05/09-05/15 MAT AES SITE: +0.281		

TANANA VALLEY: There were 7.0 days were suitable for fieldwork last week. **Topsoil moisture** was reported at 15% short, 85% adequate. **Subsoil moisture supplies** were 100% adequate. **Barley** was reported as 80% planted with 5% emerged. **Oats** were reported as 35% planted. Prospects for new **feed growth on hay meadows and pastures** is 100% good. **Livestock conditions** were listed as 20% fair, 50% good, 30% excellent. **Farm activities** for the week included spring baling of hay and straw, fertilizing hay fields, and planting vegetables & small grains.

MATANUSKA VALLEY: An average of 6.0 days were suitable for fieldwork. **Topsoil moisture** was reported as 25% short, 75% adequate. **Subsoil moisture supplies** were reported as 100% adequate. Prospects for new **feed growth on hay meadows and pastures** is 5% fair, 85% good, 10% excellent. **Barley** planting was reported as 50% complete, 5% emerged. **Oats** were reported as 50% planted, 10% emerged. **Potatoes** were reported as 20% planted. **Livestock conditions** were listed at 100% good. Major **farm activities** during the week included planting potatoes, small grain, & vegetables, fertilizing, weed & pesticide control and fence repair.

KENAI PENINSULA: An average of 6.0 days were suitable for fieldwork. **Topsoil moisture** was reported as 20% short, 80% adequate. **Subsoil moisture supplies** were reported as 100% adequate. **Potatoes** were reported as 5% planted. Prospects for new **feed growth on hay meadows and pastures** is 10% fair, 50% good, 40% excellent. **Livestock conditions** were listed at 10% poor, 20% fair, 30% good, 40% excellent. Major **farm activities** for the week included fertilizing fields, tilling and fertilizing gardens & vegetable plots.

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	40	48	44	47	49	43	72	35	0.01
Sawmill Creek	41	43	34	na	na	na	75	31	0.07
Plant Materials Center	48	48	42	48	48	45	71	34	0.00

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 May 9, 2005
 To: Sunday May 15, 2005

STATION	LAST WEEK WEATHER SUMMARY						May 1, 05 - May 15, 05					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	76	44	61	+14	0.03	2	0.09	-0.11	3	84	+81	223
Fairbanks/Eiels	77	45	62	+16	0.00	0	0.02	-0.19	1	99	+96	246
Nenana_Muni_AM	74	36	57	+11	0.00	0	0.00	-0.09	0	58	+59	200
Ftgreely/Allen	73	38	57	+11	0.00	0	0.01	-0.19	1	57	+39	190
Healy_River_Air	70	37	55	+11	0.00	0	0.05	-0.16	2	41	+44	175
Gulkana_Arpt_A	71	30	51	+9	0.00	0	0.00	-0.18	0	7	+7	108
Sutton	70	30	49	+5	0.47	4	0.61	+0.30	8	2	+2	106
Palmer_Municipa	71	37	54	+8	0.00	0	0.00	-0.27	0	36	+30	171
Talkeetna	68	33	51	+7	0.08	1	0.65	-0.07	4	11	+13	126
Willow_Airport	69	37	53	+8	0.40	3	0.56	+0.29	7	25	+25	157
Anchorage_Intl	68	36	51	+6	0.00	0	0.02	-0.28	2	14	+12	141
Kenai_Municipal	69	30	49	+6	0.00	0	0.03	-0.42	1	1	+1	92
Homer	65	32	49	+7	0.10	2	0.14	-0.45	4	1	+1	118
Kodiak	55	32	44	+2	1.36	4	5.40	+2.36	11	0	+0	63

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