

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 was underway in the Mat-Su and Tanana valley's. Commercial vegetables were being transplanted into fields around Palmer. **Topsoil moisture** supplies were reported as 10% short, 85% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 5% short, 90% adequate, 5% surplus. **Barley** planting was reported at 15% complete statewide. Planting of **oats** was just underway. **Fieldwork progress** was reported as zero to 8 days ahead of normal. **Hay supplies** were rated as 5% short, 95% adequate, 5% surplus. **Condition of livestock** was listed as 5% poor, 10% fair, 70% good, 20% excellent. Farm activities for the week included planting small grains, applying fertilizer to fields and tilling fields.

CROP WEATHER SUMMARY May 02 - May 8, 2005		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	5%
ADEQUATE	85%	90%
SURPLUS	5%	5%
PAN EVAPORATION FOR 05/02-05/08 MAT AES SITE: +0.934		

TANANA VALLEY: There were **7.0 days were suitable for fieldwork** last week. **Topsoil moisture** was reported at 10% short, 85% adequate, 5% surplus. **Subsoil moisture supplies** were 100% adequate. **Barley** was reported as 15% planted, while **oats** were 5% planted. **Hay supplies** were reported as 95% adequate, 5% surplus. **Livestock conditions** were listed as 20% fair, 50% good, 30% excellent. **Farm activities** for the week included spreading manure, fertilizing hay fields, planting small grains and fallow work.

MATANUSKA VALLEY: An average of **6.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 90% adequate, 5% surplus. **Subsoil moisture supplies** were reported as 95% adequate, 5% surplus. **Hay supplies** were reported as 10% short, 90% adequate. Hay fields continue to green up. **Planting of small grains** has begun. **Livestock conditions** were listed at 85% good, 15% excellent. Transplanting of commercial vegetables was also underway. Major **farm activities** during the week included planting small grain, transplanting vegetables, burning fields, fertilizing, and weed control.

KENAI PENINSULA: An average of **6.0 days were suitable for fieldwork**. **Topsoil moisture** was reported as 30% short, 70% adequate. **Subsoil moisture supplies** were reported as 10% short, 80% adequate, 10% surplus. **Hay supplies** were reported as 20% short, 75% adequate, 5% surplus. **Livestock conditions** were listed at 10% poor, 15% fair, 55% good, 20% excellent. Major **farm activities** for the week included fertilizing fields, moving livestock to summer pastures and preparing equipment

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	36	40	38	46	46	43	68	31	0.20
Sawmill Creek	na	36	na	na	na	na	na	na	na
Plant Materials Center	46	44	40	40	46	40	68	28	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 2, 2005
 To: Sunday May 8, 2005

STATION	LAST WEEK WEATHER SUMMARY						May 1, 05 - May 8, 05					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	70	32	49	+6	0.06	1	0.06	-0.02	1	9	+9	78
Fairbanks/Eiels	72	34	50	+8	0.02	1	0.02	-0.06	1	13	+13	90
Nenana_Muni_AM	71	30	50	+8	0.00	0	0.00	-0.02	0	10	+12	82
Ftgreely/Allen	69	31	48	+6	0.01	1	0.01	-0.07	1	8	+0	71
Healy_River_Air	64	37	48	+7	0.05	2	0.05	-0.03	2	7	+10	71
Gulkana_Arpt_A	68	24	43	+4	0.00	0	0.00	-0.08	0	0	+0	32
Sutton	61	27	44	+2	0.12	3	0.14	-0.02	4	0	+0	40
Palmer_Municipa	68	34	48	+5	0.00	0	0.00	-0.13	0	6	+6	71
Talkeetna	64	30	45	+4	0.57	3	0.57	+0.20	3	2	+4	49
Willow_Airport	64	36	47	+5	0.14	3	0.16	+0.03	4	2	+2	64
Anchorage_Intl	64	33	47	+4	0.01	1	0.02	-0.14	2	4	+4	62
Kenai_Municipal	59	29	43	+2	0.03	1	0.03	-0.21	1	0	+0	30
Homer	57	34	46	+6	0.04	2	0.04	-0.28	2	0	+0	55
Kodiak	53	32	44	+3	4.04	7	4.04	+2.44	7	0	+0	32

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