

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

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GENERAL: Cool soil temperatures and wet conditions have once again kept field work to a minimum in most areas of the State. There were **4.0 days suitable for fieldwork**, however little to no tillage has been reported. **Topsoil moisture** supplies were reported as 95% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 5% short, 95% adequate. **Fieldwork progress** was reported as zero to ten days behind normal. **Hay supplies** were rated as 15% short, 80% adequate, 5% surplus. **Condition of livestock** was listed as 5% poor, 20% fair, 45% good, 30% excellent. The main **farm activities** for the week were preparing machinery and ordering and spreading fertilizer. More local greenhouses are now open for business.

CROP WEATHER SUMMARY May 5 - May 11, 2008		
DAYS SUITABLE FOR FIELDWORK: 4.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	0%	5%
ADEQUATE	95%	95%
SURPLUS	5%	0%
PAN EVAPORATION FOR 05/5 - 05/11 MAT AES SITE: N/A		

TANANA VALLEY: An average of **4.5 days was suitable for fieldwork**, mostly in the Delta Junction areas. No tillage was reported yet in the Tanana Valley as farmers wait for fields to dry and thaw out. **Topsoil moisture** was reported at 95% adequate, 5% surplus. **Subsoil moisture supplies** were 10% short, 90% adequate. **Hay supplies** were reported as 10% short, 80% adequate, 10% surplus; with the surplus in good quality large round bales. **Livestock condition** was listed as 5% poor, 35% fair, 50% good, 10% excellent. **Farm activities** for the week included preparing machinery for fieldwork and spreading fertilizer. Many local greenhouses are open for business.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 90% adequate, 10% surplus. **Subsoil moisture** was reported as 100% adequate. **Hay supplies** were reported as 10% short, 90% adequate. Hay fields were greening up in many areas. **Livestock conditions** were listed at 10% fair, 45% good, 45% excellent. Major **farm activities** during the week included preparing equipment and cleaning up hay fields. A few fields were planted to vegetables and small grains. Local greenhouses are open for business.

KENAI PENINSULA: There were **no days was suitable for fieldwork last week** as farmers were waiting for the ground to thaw and dry up. **Topsoil moisture** was reported at 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **Hay supplies** were reported as 45% short, 55% adequate. **Livestock conditions** were listed at 10% poor, 35% fair, 45% good, 10% excellent. Major **farm activities** for the week included preparing equipment and ordering fertilizer.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> (inches)
	2008	2007	2006	2008	2007	2006	High	Low	
UAF-AFES, Trunk Road	34	36	36	45	43	46	62	31	0.00
Sawmill Creek	33	34	37	na	na	na	65	24	0.13
Plant Materials Center	na	38	40	na	na	na	na	na	na

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 5, 2008
 To: Sunday May 11, 2008

STATION	LAST WEEK WEATHER SUMMARY						May 1, 08 - May 11, 08 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	68	31	48	+3	0.09	4	0.41	+0.28	5	6	+6	78
Fairbanks/Eiels	66	30	45	+0	0.24	3	0.56	+0.42	5	0	+0	50
Nenana_Muni_AM	66	27	45	+0	0.10	1	0.37	+0.31	4	0	+2	43
Ftgreely/Allen	63	32	45	+1	0.10	2	0.31	+0.18	4	0	-11	49
Healy_River_Air	59	31	44	+1	0.05	2	0.17	+0.03	4	0	+3	37
Gulkana_Arpt_A	61	26	41	-1	0.00	0	0.03	-0.08	1	0	+0	15
Sutton	56	27	42	-3	0.07	2	0.29	+0.07	6	0	+0	25
Palmer_Municipa	63	32	45	-1	0.00	0	0.00	-0.20	0	0	-3	47
Talkeetna	60	29	43	+0	0.06	1	0.07	-0.46	2	0	+2	35
Willow_Airport	61	34	45	+0	0.06	2	0.28	+0.08	6	0	+0	38
Anchorage_Intl	56	32	44	-2	0.00	0	0.09	-0.13	2	0	+0	30
Kenai_Municipal	57	29	43	+1	0.01	1	0.06	-0.27	2	0	+0	32
Homer	50	33	43	+2	0.02	1	0.03	-0.41	2	0	+0	26
Kodiak	45	36	40	-3	6.37	7	9.41	+7.20	11	0	+0	6

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