

# ALASKA CROP-WEATHER

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



NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE

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**RELEASED:** May 11, 2009

**GENERAL:** There were **6.5 days suitable for fieldwork**, however only a limited amount of fieldwork was done due to soil moisture conditions and soil temperatures. **Topsoil moisture** supplies were reported as 10% short, 85% adequate, 5% surplus. **Subsoil moisture** supplies were listed as 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were rated as 25% short, 75% adequate. **Condition of livestock** was listed as 5% poor, 15% fair, 70% good, 10% excellent. **Range and pasture** condition was reported as 5% poor, 10% fair, 75% good, 10% excellent. The main **farm activities** for the week were spreading fertilizer, field preparation, machinery maintenance.

CROP WEATHER SUMMARY May 4 - May 10, 2009		
DAYS SUITABLE FOR FIELDWORK: 6.5		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
SHORT	10%	0%
ADEQUATE	85%	100%
SURPLUS	5%	0%
PAN EVAPORATION FOR 05/04 - 05/10 MAT AES SITE: 0.962		

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**, although little field work was reported as farmers continue to wait for fields to dry and thaw out. **Topsoil moisture** was reported at 10% short, 85% adequate, 5% surplus. **Subsoil moisture supplies** were 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 25% short, 75% adequate. **Livestock condition** was listed as 5% poor, 35% fair, 50% good, 10% excellent. **Range and pasture** condition was reported as 10% poor, 20% fair, 60% good, 10% excellent. **Farm activities** for the week included preparing machinery for fieldwork, spreading fertilizer, disking fields.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% short, 80% adequate, 10% surplus. **Subsoil moisture** was reported as 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 10% short, 90% adequate. **Livestock conditions** were listed at 10% fair, 80% good, 10% excellent. **Range and pasture** condition was reported as 10% fair, 80% good, 10% excellent. Major **farm activities** during the week included field preparation, machinery maintenance, spreading fertilizer.

**KENAI PENINSULA:** There were **4.0 days was suitable for fieldwork last week** as farmers continue to wait for fields to dry out. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported at 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 100% adequate. **Range and pasture** condition was reported as 100% good. Major **farm activities** for the week included soil preparation and fertilizing fields.

## Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2009	2008	2007	2009	2008	2007	High	Low	
UAF-AFES, Trunk Road	37	34	36	43	45	43	70	30	0.00
Sawmill Creek	32	33	34	na	na	na	68	26	0.06
Plant Materials Center	na	na	38	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 4, 2009  
 To: Sunday May 10, 2009

STATION	LAST WEEK WEATHER SUMMARY						May 1, 09 - May 10, 09					GDD BASE 40F
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	65	35	46	+2	0.00	0	0.00	-0.10	0	25	+25	92
Fairbanks/Eiels	66	29	42	-3	0.02	1	0.02	-0.09	1	12	+12	61
Nenana_Muni_AM	61	29	43	-1	0.00	0	0.00	-0.04	0	10	+12	64
Ftgreely/Allen	66	31	44	+1	0.01	1	0.01	-0.09	1	21	+11	85
Healy_River_Air	59	32	42	-1	0.04	1	0.04	-0.07	1	2	+5	52
Gulkana_Arpt_A	69	29	45	+5	0.25	2	0.25	+0.15	2	0	+0	64
Sutton	70	28	45	+2	0.10	1	0.10	-0.10	1	2	+2	60
Palmer_Municipa	72	34	48	+3	0.00	0	0.00	-0.17	0	15	+14	93
Talkeetna	67	28	44	+3	0.00	0	0.00	-0.47	0	0	+2	56
Willow_Airport	67	36	48	+5	0.05	1	0.05	-0.12	1	6	+6	90
Anchorage_Intl	66	32	45	+2	0.01	1	0.01	-0.19	1	6	+6	62
Kenai_Municipal	66	29	45	+3	0.02	1	0.02	-0.28	1	2	+2	64
Homer	62	30	41	-1	0.23	2	0.23	-0.17	2	0	+0	14
Kodiak	60	30	43	+2	0.03	2	0.03	-1.97	2	0	+0	27

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