

ALASKA CROP-WEATHER

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



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

USDA, NASS, Alaska Field Office
P.O. Box 799
Palmer, AK 99645

RELEASED: May 16, 2011

GENERAL: There were **7.0 days suitable for fieldwork** last week. High temperatures were in the 50's and 60's with lows down into the 20's. **Topsoil moisture** supplies were reported as 20% short, 70% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 15% short, 75% adequate, 10% surplus. **Fieldwork progress** was reported as on schedule. **Barley** was reported as 20% planted; **oats** 15% planted. **Hay supplies** were rated as 15% short, 75% adequate, 10% surplus. **Condition of livestock** was listed as 20% fair, 60% good, 20% excellent. **Range and pasture condition** was listed as 30% fair, 60% good, 10% excellent. The main **farm activities** for the week were seeding barley and oats, spreading fertilizer, tilling fields, planting vegetables, equipment preparation.

CROP WEATHER SUMMARY May 9 - May 15, 2011		
DAYS SUITABLE FOR FIELDWORK: 7.0		
CROP	TOPSOIL MOISTURE	SUBSOIL MOISTURE
VERY SHORT	0%	0%
SHORT	20%	15%
ADEQUATE	70%	75%
SURPLUS	10%	10%
PAN EVAPORATION FOR 05/09 - 05/15 MAT AES SITE: 1.545		

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 15% short, 75% adequate, 10% surplus. **Subsoil moisture supplies** were 15% short, 70% adequate, 15% surplus. **Fieldwork progress** was reported as two days behind schedule. **Barley planting** was 20% complete, **oats** 20% complete. **Hay supplies** were reported as 80% adequate, 20% surplus. **Livestock condition** was listed as 20% fair, 40% good, 40% excellent. **Range and pasture condition** was listed as 30% fair, 70% good. **Farm activities** for the week included seeding barley and oats, spreading fertilizer, equipment preparation. Local greenhouses are open.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported at 10% very short, 30% short, 60% adequate, 10% surplus. **Subsoil moisture** was reported as 15% short, 80% adequate, 5% surplus. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 20% short, 80% adequate. **Livestock conditions** were listed at 10% fair, 80% good, 10% excellent. **Range and pasture condition** was listed as 40% fair, 40% good, 20% excellent. **Farm activities** for the week included preparing equipment, spreading fertilizer, planting vegetables, weed control.

KENAI PENINSULA: There were **5.0 days was suitable for fieldwork last week**. **Topsoil moisture** was reported at 20% short, 80% adequate. **Subsoil moisture** was reported at 100% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 100% short. **Range and pasture condition** was listed at 10% fair, 90% good. Major **farm activities** for the week included spreading fertilizer, equipment preparation.

Soil Temperatures (F⁰) at 4 inch depth

	<u>Grass</u>			<u>Fallow land</u>			<u>Temperature</u>		<u>Precip</u> <u>(inches)</u>
	2011	2010	2009	2011	2010	2009	High	Low	
UAF-AFES, Trunk Road	41	45	41	44	48	45	61	31	0.00
Sawmill Creek	32	33	33	na	na	na	63	24	0.01
Plant Materials Center	41	na	44	44	na	na	61	29	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.com from NWS preliminary data

For the Period: Monday May 9, 2011
 To: Sunday May 15, 2011

STATION	LAST WEEK WEATHER SUMMARY						May 1, 11 - May 15, 11 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	65	26	42	-6	0.00	0	0.00	-0.20	0	0	-3	32
Fairbanks/Eiels	64	21	39	-8	0.00	0	0.00	-0.21	0	0	-3	14
Nenana_Muni_AM	64	21	40	-7	0.00	0	0.06	-0.03	2	0	+1	22
Ftgreely/Allen	57	24	39	-8	0.02	2	0.11	-0.09	5	0	-18	20
Healy_River_Air	55	25	39	-6	0.00	0	0.00	-0.21	0	0	+3	8
Gulkana_Arpt_A	54	27	40	-3	0.02	2	0.27	+0.09	7	0	+0	6
Sutton	57	28	43	-2	0.05	1	0.26	-0.05	5	0	+0	33
Palmer_Municipa	60	32	46	-2	0.00	0	0.04	-0.23	3	0	-6	61
Talkeetna	59	28	43	-2	0.11	2	0.29	-0.43	6	0	+2	30
Willow_Airport	57	36	46	+0	0.06	1	0.25	-0.02	4	0	+0	61
Anchorage_Intl	59	34	46	+0	0.00	0	0.25	-0.05	4	0	-2	62
Kenai_Municipal	60	31	45	+3	0.30	1	0.44	-0.01	4	0	+0	45
Homer	57	29	42	-2	0.06	1	0.21	-0.38	5	0	+0	15
Kodiak	60	31	45	+3	0.15	3	0.46	-2.58	6	0	+0	53

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