



# Crop Progress and Condition



## National Agricultural Statistics Service

United States Department of Agriculture • Washington, DC 20250

Northwest Regional Field Office • Olympia, WA 98507

Alaska Field Office • Palmer, AK 99645

1-800-478-6079 • www.nass.usda.gov/ak

For Week Ending: May 10, 2015

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**ALASKA:** There were **6.5 days suitable for fieldwork** last week. Temperatures were generally above normal with the major growing areas receiving some precipitation. **Progress of fieldwork** was reported as on schedule statewide. **Local hay supplies** were reported as 10% short, 85% adequate, 5% surplus. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. Planting of vegetables and small grains was underway.

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Progress of fieldwork** was reported as on schedule. **Local hay supplies** were reported as 95% adequate, 5% surplus. **Condition of livestock** was reported as 20% fair, 40% good, 40% excellent. Planting of small grains was underway. **Farm activities** for the week included fertilizing hay acreage, cleaning seed grain, preparing equipment, fence repair, high tunnel and greenhouse planting/transplanting.

**MATANUSKA VALLEY:** An average of **6.5 days was suitable for fieldwork**. **Progress of fieldwork** was reported as on schedule. **Local hay supplies** were reported as 95% adequate, 5% surplus. **Condition of livestock** was reported as 10% fair, 40% good, 50% excellent. Planting of vegetables and small grains was underway. **Farm activities** for the week included fertilizing fields, preparing equipment, seed cleaning, fence repair, greenhouse and high tunnel work.

**KENAI PENINSULA:** An average of **2.0 days was suitable for fieldwork** as operators were waiting for the ground to firm up enough to support equipment. **Progress of fieldwork** was reported as ahead of schedule. **Local hay supplies** were reported as 100% short. **Farm activities** for the week included equipment conditioning, soil testing, ordering fertilizer, greenhouse and high tunnel work.

### Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State .....	0	15	75	10
Tanana Valley.....	0	0	80	20
Matanuska Valley.....	0	20	70	10
Kenai Peninsula.....	5	95	0	0
Subsoil Moisture – State .....	0	15	75	10
Tanana Valley.....	0	0	80	20
Matanuska Valley.....	0	20	70	10
Kenai Peninsula.....	0	100	0	0

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

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	41	37	na	45	46	na	61	29	trace
Sawmill Creek.....	33	36	35	na	na	na	71	24	0.07
Plant Materials Center.....	42	48	31	44	47	30	62	30	0.03

Pan Evaporation<sup>1/</sup> UAF-AFES, Matanuska Experiment Farm, Palmer: 1.259

<sup>1/</sup> 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. na – not available.

## Weekly Weather Statistics — Alaska: May 4 - May 10, 2015

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	68	28	48	+4	0.17	1	0.17	+0.07	1	3	+3	67
Fairbanks-Eielson .....	67	27	46	+3	0.21	1	0.21	+0.10	1	1	+1	47
Nenana .....	68	29	49	+7	0.32	1	0.32	+0.28	1	7	+9	67
Fort Greely-Allen .....	66	31	47	+4	0.02	1	0.02	-0.08	1	5	-5	53
Healy River Airport .....	61	30	46	+4	0.27	3	0.34	+0.23	5	0	+3	45
Gulkana Airport .....	62	25	45	+5	0.15	1	0.16	+0.06	2	3	+3	41
Sutton .....	57	32	44	+2	0.91	4	0.93	+0.73	5	0	+0	37
Palmer .....	62	33	49	+4	0.01	1	0.03	-0.14	2	3	+2	79
Talkeetna .....	62	29	46	+4	0.73	3	0.85	+0.38	5	0	+2	57
Willow Airport .....	60	35	47	+4	0.65	4	0.69	+0.52	6	0	+0	67
Anchorage International .....	57	33	46	+3	0.31	2	0.31	+0.11	2	0	+0	57
Kenai.....	58	32	44	+3	0.44	4	0.44	+0.14	4	0	+0	35
Homer.....	60	36	48	+7	0.19	3	0.19	-0.21	3	0	+0	70
Kodiak.....	52	37	45	+4	3.27	6	3.88	+1.88	8	0	+0	35

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955.

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USDA/NASS/Alaska Field Office  
 PO Box 799  
 Palmer, AK 99645