



IDAHO CROP WEATHER

**IDAHO
AGRICULTURAL
STATISTICS
SERVICE**
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Week Ending: June 24, 2001

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Heat Stress and Frost Damaged Crops

Agricultural Summary

Lack of moisture and previous freezing temperatures have caused some damage to crops across the state. County Extension Educators in Nez Perce County reported heat stress damage to some wheat in the lower elevations. Earlier cool weather and dry conditions have taken a toll on alfalfa hay in some South-Central areas. Various Extension Educators in Eastern Idaho indicated that recent frosts have damaged alfalfa hay, small grains, and potatoes. Drought and heat stress damage to potatoes and small grains were also reported in several Eastern areas. Average temperatures were above normal in most areas. Most weather stations reported no precipitation levels this past week. Activities for the week ending June 24 included planting dry beans, fertilizing, spraying weeds, harvesting hay, irrigating, cultivating, monitoring pests and disease and moving livestock to summer range.

Soil Moisture and Days Suitable for Fieldwork

Reports indicate that topsoil moisture was 20% very short, 41% short, and 39% adequate. The Idaho Agricultural Statistics Service reports farmers had an average of 6.8 days suitable for fieldwork.

Crop Progress Table

	2001	2000	Avg
Oats Emerged	99	100	99
Oats Headed	44	22	-
Dry Beans Planted	100	99	96
Dry Beans Emerged	99	90	80
Potatoes 12" High	46	61	38
Potatoes Closing Middles	13	20	10
Cherries Harvested	7	9	8

Field Crop Report

Over three fourths of the states first cutting of alfalfa hay has been harvested, while the 2nd cutting is well under way in the Treasure and Magic Valleys. Statewide, potatoes are 99 percent emerged, while 46 percent are 12" high or higher, and 13 percent of the potato fields have closing middles. County Educators in Franklin County reported that cereal leaf beetles have caused some pronounced damage in some areas of the county. In some areas of Camas County grasshoppers have become a problem.

Livestock, Pasture and Range Report

Ranchers continued to ship livestock to summer range throughout the state. Range and Pasture conditions remain mostly fair to good.

Grain Progress

	Jointed	Booted	Turning Color
Winter Wheat	100	95	6
Spring Wheat	89	68	1
Barley	87	66	3

Crop Condition Table

Percentages	Very Poor	Poor	Fair	Good	Excellent
Winter Wheat	2	5	20	65	8
Spring Wheat	2	5	32	54	7
Barley	2	4	35	49	10
Irr. Water Supply	32	23	37	8	0
Range & Pasture	10	16	45	29	0
Potatoes	2	6	25	59	8

Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg	2001	2000	Avg
Winter Wheat															
Headed	30	63	68	100	100	100	99	100	95	86	91	76	66	81	75
Spring Wheat															
Headed	11	11	11	98	97	92	49	97	67	32	44	18	33	52	31
Barley															
Headed	9	12	11	96	90	88	88	94	68	22	35	18	38	47	31
Potatoes															
Emerged	NA	NA	NA	100	100	100	100	100	99	98	100	92	99	100	94
Alfalfa Hay															
Harvested (1 st cutting)	35	30	27	100	99	92	98	95	86	67	75	54	80	82	66
Harvested (2 nd cutting)	0	0	0	23	16	4	22	8	2	0	0	0	11	5	2

Avg (1996-2000); NA = Very Small Percentage of Acreage in District.

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Weather Data For The Week Ending Sunday, June 24, 2001 ^{1/}

Station	Temperature ^{2/}				Growing Degree Days ^{4/}			Precipitation (Inches)					
	High	Low	Ave.	Dept. ^{3/}	40° Base	50° Base To Date Normal		Total	Dept ^{3/}	Month of June	March 1 To Date Normal		
North													
Coeur D'Alene	88	43	64	0	1144	451	427	0.00	-0.24	0.99	7.28	8.82	
Grangeville	87	39	64	3	1129	430	248	0.00	-0.58	0.48	7.35	10.75	
Lewiston	95	44	67	-1	1626	737	694	0.02	-0.22	0.50	3.71	4.62	
Sand Point	87	40	63	2	971	348	321	0.09	-0.41	3.07	8.42	9.42	
Southwest													
Boise	99	46	72	4	1772	906	618	0.00	-0.12	0.11	2.75	4.30	
Caldwell	95	46	71	0	1775	871	799	0.00	-0.14	0.06	1.99	3.51	
Emmett	99	43	69	1	1593	754	668	0.00	-0.17	0.39	3.18	4.23	
Mountain Home	100	48	76	7	1766	931	588	0.00	-0.12	0.03	1.75	3.39	
Parma	99	47	72	4	1782	873	627	0.00	-0.17	0.10	3.59	3.79	
Weiser 5/	94	48	--	--	1767	877	643	0.00	-0.15	0.51	3.77	3.64	
Southcentral													
Buhl	95	50	71	5	1540	737	426	0.00	-0.07	0.03	3.09	3.56	
Burley	91	39	67	2	1386	603	428	0.00	-0.13	0.17	2.26	3.71	
Hill City	90	34	62	3	954	352	192	0.00	-0.19	0.05	3.30	4.04	
Hagerman	101	42	70	0	1742	862	802	0.00	-0.07	0.03	2.00	3.25	
Malta	95	34	67	1	1414	635	446	0.00	-0.14	0.47	2.31	3.83	
Twin Falls	93	40	67	3	1405	623	397	0.00	-0.13	0.59	3.07	3.92	
East													
Aberdeen	92	32	59	-3	1018	394	310	0.00	-0.16	0.00	1.32	3.66	
Grace	93	35	65	5	1103	477	235	0.00	-0.35	0.55	4.15	5.90	
Idaho Falls	94	34	65	2	1240	508	329	0.00	-0.24	0.61	2.04	4.30	
Malad City	97	41	79	15	1613	851	366	0.00	-0.23	0.13	2.25	5.42	
Pocatello	96	34	67	3	1321	592	391	0.00	-0.17	0.25	2.01	4.73	
Rexburg	91	37	64	2	1145	490	284	0.00	-0.17	0.10	0.79	5.59	
Salmon	91	37	62	0	1101	446	358	0.00	-0.45	0.36	0.90	4.46	

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average ¹	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	81	58	85	59	74	62	82	58	82	60	--	--	71	60
Emmett	84	73	83	71	84	71	87	73	90	75	92	79	91	80	87	75
Parma	--	--	64	63	64	62	65	62	66	64	68	64	67	65	66	63
Sandpoint	--	--	65	55	70	55	74	55	74	62	73	63	70	63	71	59
Twin Falls	--	--	75	58	78	50	81	63	83	66	76	64	77	62	78	61

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.

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