

# MILK PRODUCTION

October 1969

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## October milk production slightly above a year earlier

U. S. milk production during October is estimated at 9,150 million pounds, 0.3 percent above a year earlier. Daily average production for October was down 3 percent from September, compared with a 2 percent decline a year earlier. October output provided 1.45 pounds of milk per person for all uses--below the 1.49 pounds a month earlier and 1.46 pounds a year earlier. Daily average production during the first 10 months of the year was 0.7 percent less than in 1968.

October milk production equalled or surpassed a year earlier in all Atlantic States except New Jersey and Delaware. In the North Central States, production was above a year ago in Michigan and Wisconsin, unchanged in Ohio and Kansas and down elsewhere. In the South Central and Western Regions, production changes from October 1968 were mixed: Up in 9 States, unchanged in one and down in nine States.

## October rate per cow up 3 percent from a year earlier

Milk output per cow, 4 percent above a year earlier in September, slipped back to 3 percent in October--partly because of unusually cold October weather in most areas of the U.S. and scattered snow cover in the Midwest and West. Daily output per cow in October was 23.5 pounds, 2 percent less than September--the same seasonal decrease as in 1968. Production per cow during October was record high in 44 States--highest in California at 960 pounds. Following were Arizona, 920 pounds; Washington, 890 pounds; Connecticut, 870 pounds; Massachusetts, 860 pounds; and Hawaii, 850 pounds.

## Milk-feed price ratio same as year earlier

The October milk-feed price ratio, at 1.85, was the same as a year earlier. The seasonal increase from September to October was 3 percent, the same gain as a year earlier. By regions, the ratio was highest in the South Atlantic and lowest in the West.

## Pasture condition above average

Pastures continued in fair condition for the Nation as a whole on November 1. The U.S. average of 79 percent equalled October 1 condition, was down 2 points from a year earlier but was 2 points above the 1958-67 November average. October weather was unusually cold in most areas of the U.S. Snow

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interrupted grazing in some States of the West North Central and Western regions about mid-month.

All States in the North Atlantic region reported pasture condition of 80 percent or more on November 1. Only New York lacked improvement over a year earlier.

Pasture condition in the East North Central Region ranged from 70 percent in Wisconsin to 90 in Indiana. Wisconsin pastures showed an 11-point improvement over a month earlier but were still 22 points below the record high for November 1 reported a year ago. The West North Central States also showed a 20 point range--from 68 percent of normal in North Dakota to 88 in Iowa.

Reported pasture condition for States in the South Atlantic Region varied less than in other regions. Georgia reported 77 percent of normal, and North Carolina's 87 percent equalled the record high for the date (1949). Reported condition for each State in this group was below last month, but equalled or exceeded a year earlier and was above average.

The South Central Region varied most in reported pasture condition. Louisiana at 58--below last month, last year and average, had the poorest condition of the 48 States. Arkansas, at 62, was second lowest, down 24 points from the near-high of 86 reported a year ago. Kentucky with 80 and Tennessee with 77 were the only South Central States with condition above the 10-year average.

In the Western Region, Wyoming reported pasture condition at 76 percent, and had one of the coldest, snowiest Octobers in its history. Nevada pasture condition was 95 percent of normal--the highest November 1 condition in 36 years of record and highest reported of the 48 States.

Table 1.--Milk per cow and milk production, by months, United States

Month	Milk per cow			Milk production			
	1967	1968	1969	1967	1968	1969	Change from 1968
	Pounds			Million pounds			
							Percent
January .....	713	721	735	9,802	9,546	9,407	-1.5
February .....	667	698	689	9,150	9,207	8,795	-4.5
March .....	762	773	784	10,407	10,169	9,983	-1.8
April .....	784	797	807	10,675	10,457	10,261	-1.9
May .....	837	858	869	11,360	11,227	11,046	-1.6
June .....	817	832	850	11,038	10,840	10,766	-0.7
July .....	767	785	804	10,326	10,201	10,165	-0.4
August .....	722	738	761	9,688	9,567	9,612	+0.5
September .....	681	699	724	9,114	9,035	9,126	+1.0
October .....	687	707	727	9,169	9,120	9,150	+0.3
Jan.-Oct. Total .....	---	---	---	100,729	99,369	98,311	-1.1
November .....	660	678		8,781	8,721		
December .....	698	716		9,259	9,191		
Annual .....	8,797	9,006		118,769	117,281		

Table 2.--October milk per cow and milk production, by States

State	Milk per cow 1/			Milk production			Change : from 1968 Percent
	1967	1968	1969	1967	1968	1969	
	Pounds			Million pounds			
Maine .....	705	700	740	49	48	50	+4
New Hampshire .....	735	755	790	29	29	30	+3
Vermont .....	690	720	770	146	150	159	+6
Massachusetts .....	810	830	860	59	56	57	+2
Rhode Island .....	805	790	820	7.0	6.3	6.3	0
Connecticut .....	830	855	870	56	57	57	0
New York .....	765	780	800	811	802	816	+2
New Jersey .....	810	815	835	68	63	61	-3
Pennsylvania .....	750	780	805	552	566	584	+3
Ohio .....	760	780	800	369	367	367	0
Indiana .....	720	770	790	190	192	191	-1
Illinois .....	710	725	750	244	236	232	-2
Michigan .....	775	830	840	380	388	394	+2
Wisconsin .....	705	710	730	1,353	1,330	1,340	+1
Minnesota .....	620	640	665	670	669	664	-1
Iowa .....	680	700	690	405	390	363	-7
Missouri .....	645	605	615	252	227	224	-1
North Dakota .....	475	485	475	79	74	67	-9
South Dakota .....	545	580	590	113	115	114	-1
Nebraska .....	580	610	605	128	126	119	-6
Kansas .....	615	640	660	133	134	134	0
Delaware .....	710	730	760	11.4	11.0	10.6	-4
Maryland .....	725	770	780	125	130	132	+2
Virginia .....	645	650	675	154	148	151	+2
West Virginia .....	520	535	560	37	35	35	0
North Carolina .....	640	645	660	127	123	125	+2
South Carolina .....	570	600	615	42	43	44	+2
Georgia .....	615	630	675	87	87	95	+9
Florida .....	705	675	680	128	123	124	+1
Kentucky .....	540	560	575	204	203	201	-1
Tennessee .....	515	530	570	177	172	176	+2
Alabama .....	455	480	490	67	68	67	-1
Mississippi .....	410	425	440	89	88	86	-2
Arkansas .....	540	575	580	57	58	56	-3
Louisiana .....	445	480	515	83	85	89	+5
Oklahoma .....	685	685	710	108	105	107	+2
Texas .....	660	680	740	251	241	249	+3
Montana .....	590	600	630	29	28	27	-4
Idaho .....	725	730	725	112	114	112	-2
Wyoming .....	640	660	665	12.9	12.7	12.6	-1
Colorado .....	690	700	710	68	70	72	+3
New Mexico .....	710	710	730	27	27	27	0
Arizona .....	880	900	920	45	47	48	+2
Utah .....	800	830	840	60	63	66	+5
Nevada .....	810	835	840	11.0	11.5	11.7	+2
Washington .....	830	875	890	161	162	164	+1
Oregon .....	660	685	700	75	77	76	-1
California .....	915	960	960	714	750	744	-1
Alaska .....	810	800	840	1.46	1.36	1.43	+5
Hawaii .....	825	810	850	11.9	10.8	11.0	+2
United States .....	687	707	727	9,169	9,120	9,150	+0.3

1/ Monthly rate based on all milk cows on farms (in milk or dry).

Table 3.--Milk-feed price ratios, milk prices, and ration value, by regions 1/

Region	Milk-feed price ratio 2/			All milk price per cwt.			Ration value 3/		
	Oct. 1968	Sept. 1969	Oct. 1969	Oct. 1968	Sept. 1969	Oct. 1969	Oct. 1968	Sept. 1969	Oct. 1969
	Pounds			Dollars					
N. Atl. ....	1.79	1.75	1.79	6.43	6.38	6.49	3.59	3.64	3.63
E. N. Cent. ...	1.85	1.79	1.86	5.26	5.29	5.44	2.85	2.96	2.93
W. N. Cent. ...	1.91	1.84	1.90	4.79	4.83	4.95	2.51	2.62	2.61
S. Atl. ....	1.99	1.94	1.99	6.69	6.68	6.84	3.36	3.45	3.44
S. Cent. ....	1.94	1.84	1.92	6.21	6.12	6.36	3.20	3.32	3.31
West. ....	1.70	1.67	1.72	5.29	5.25	5.43	3.12	3.15	3.15
U. S. ....	1.85	1.80	1.85	5.63	5.62	5.77	3.04	3.13	3.12

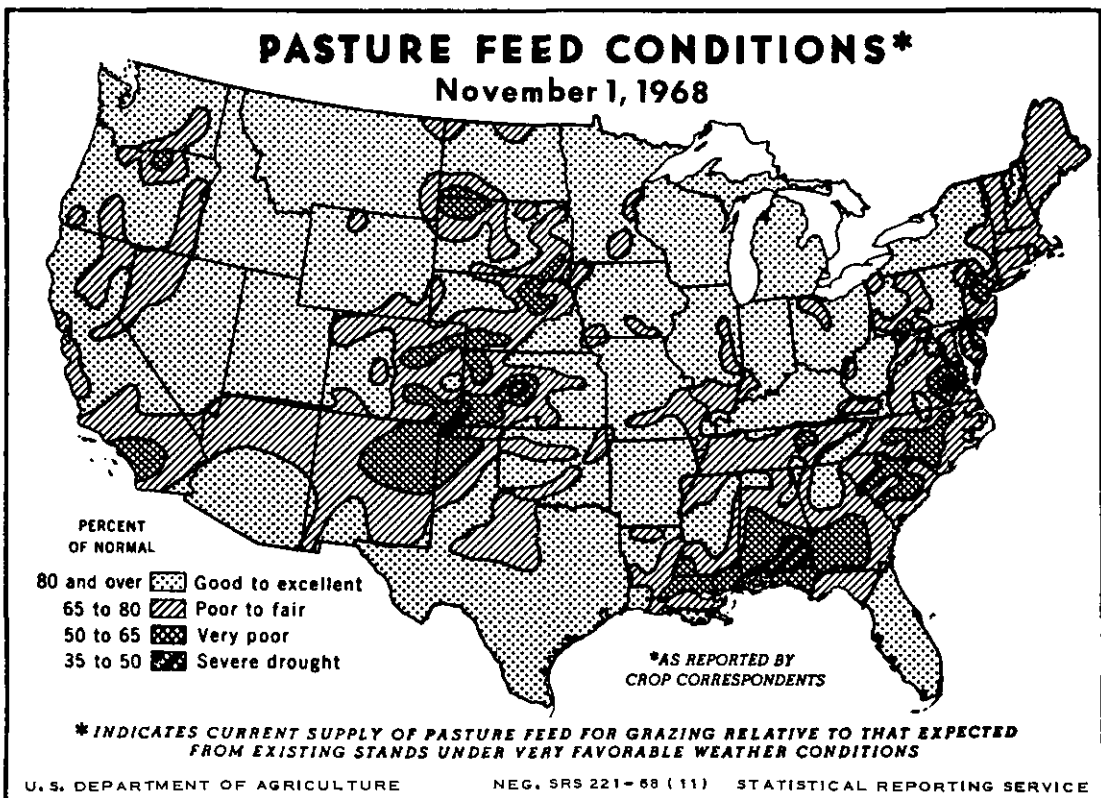
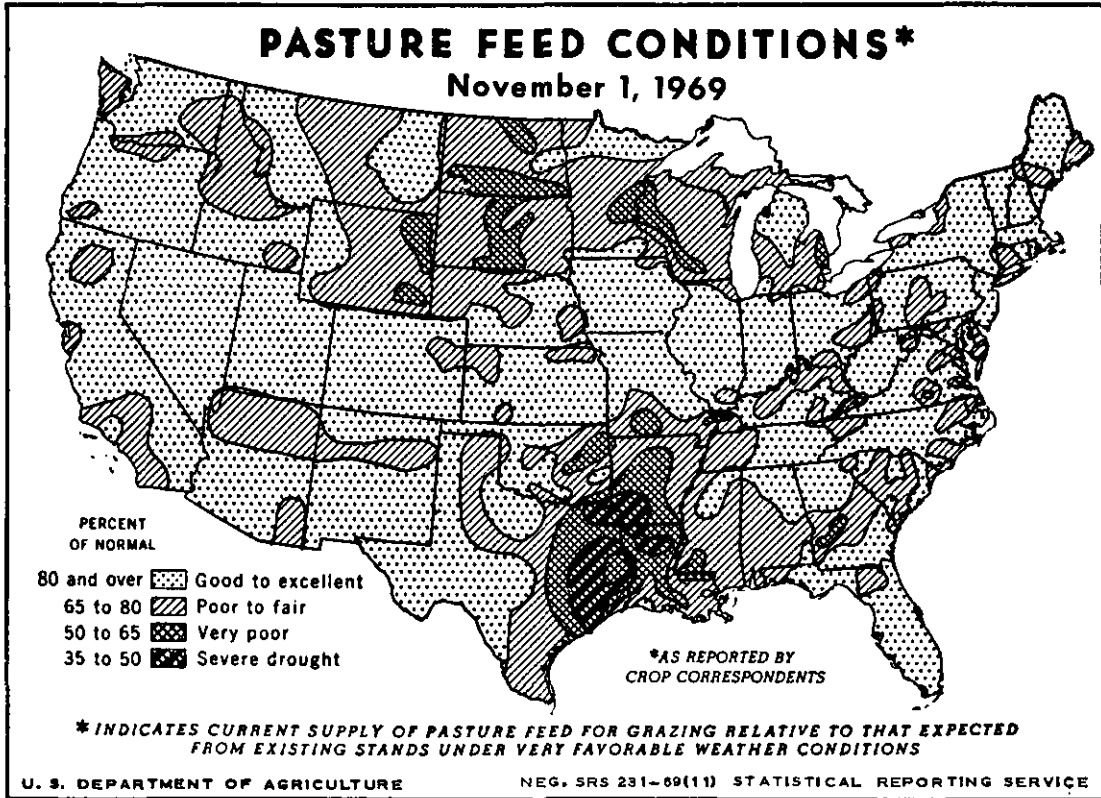
1/ Data for current month are preliminary.

2/ Pounds of concentrate ration equal in value to 1 pound wholesale milk.

3/ Value per 100 pounds of concentrate ration fed to milk cows.

Table 4.--November 1 pasture feed condition as percentage of normal, by States

State and division	Average 1958-67	1968	1969	State and division	Average 1958-67	1968	1969
Percent				Percent			
Maine .....	82	68	81	N. C. ....	78	71	87
N. H. ....	82	77	82	S. C. ....	72	65	78
Vt. ....	83	73	85	Ga. ....	73	69	77
Mass. ....	79	67	84	Fla. ....	76	80	82
R. I. ....	81	69	80	S. Atl. ...	74	75	82
Conn. ....	77	68	80	Ky. ....	77	86	80
N. Y. ....	76	88	85	Tenn. ....	75	74	77
N. J. ....	67	61	82	Ala. ....	73	64	72
Pa. ....	69	79	82	Miss. ....	74	77	73
N. Atl. ....	75	81	84	Ark. ....	72	86	62
Ohio ....	72	89	86	La. ....	74	76	58
Ind. ....	78	89	90	Okla. ....	78	83	78
Ill. ....	80	84	87	Texas ....	76	80	71
Mich. ....	82	93	77	S. Cent. ...	75	79	72
Wis. ....	80	92	70	Mont. ....	78	89	79
E. N. Cent. ...	78	89	82	Idaho ....	84	91	83
Minn. ....	77	85	74	Wyo. ....	78	86	76
Iowa ....	87	88	88	Colo. ....	78	72	86
Mo. ....	74	88	82	N. Mex. ....	78	70	84
N. Dak. ....	67	81	68	Ariz. ....	84	84	81
S. Dak. ....	71	77	70	Utah ....	78	86	91
Nebr. ....	80	75	81	Nev. ....	82	78	95
Kans. ....	80	78	86	Wash. ....	81	91	84
W. N. Cent. ...	78	85	81	Oreg. ....	82	92	88
Del. ....	72	70	81	Calif. ....	77	79	87
Md. ....	70	73	79	West. ....	79	83	85
Va. ....	74	73	86	U. S. ....	77	81	79
W. Va. ....	73	84	84				



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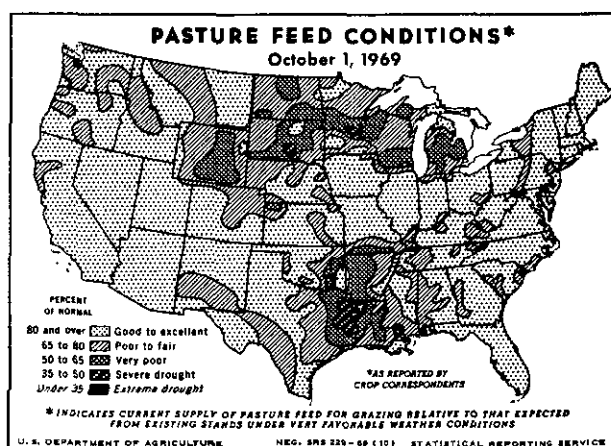
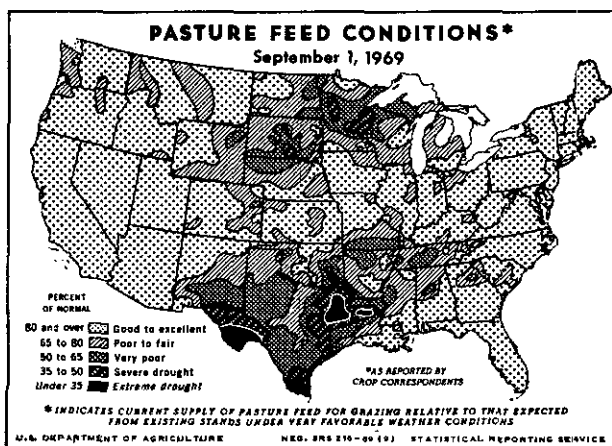
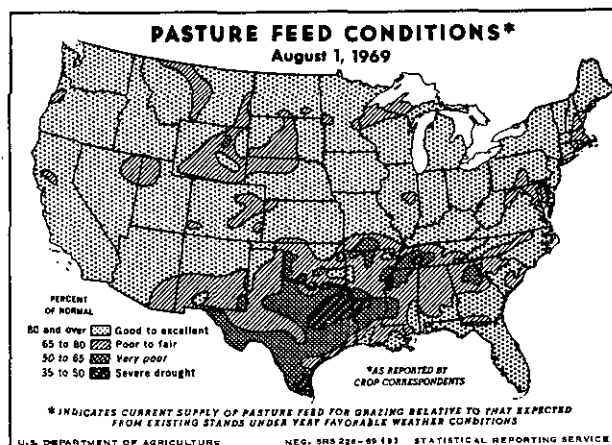
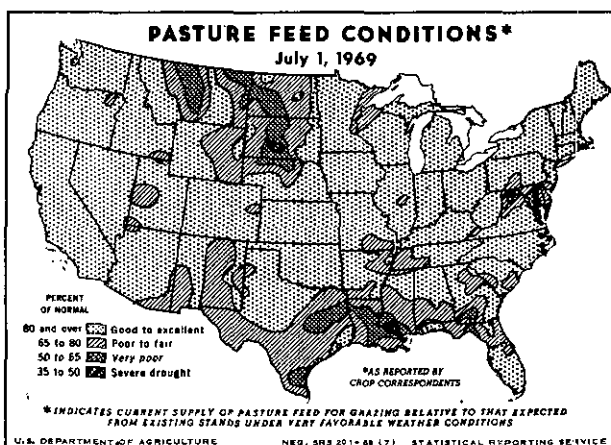
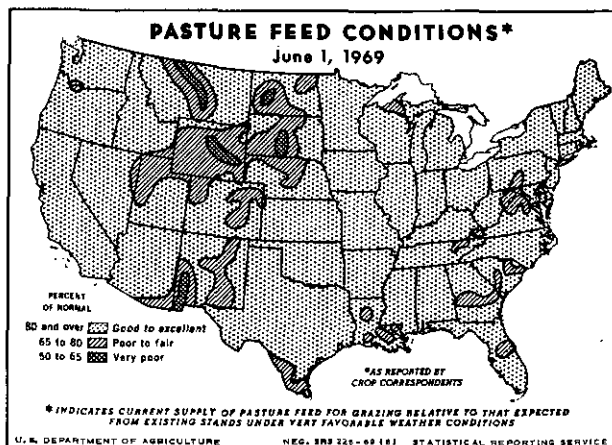
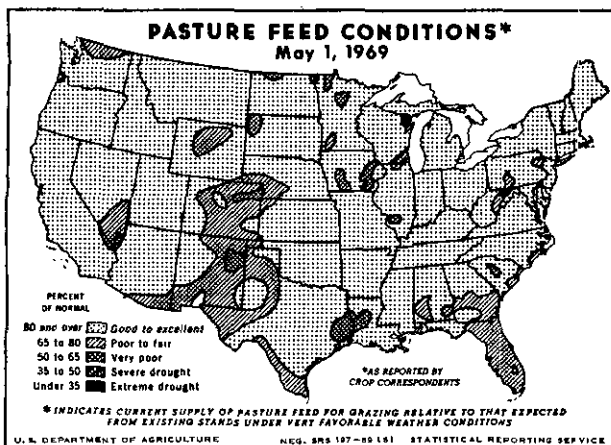


Table 5.--Pasture feed condition as percentage of normal, season average and first of month, by States

State and division	Season average			1969							
	Average: 1958-67:	1968	1969	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
	----- Percent -----										
Maine.....	83	80	87	--	87	87	90	85	88	89	81
N. H. ....	83	85	86	--	90	87	86	82	87	88	82
Vt. ....	84	86	88	--	88	90	91	84	87	89	85
Mass. ....	80	78	85	--	88	88	86	78	84	85	84
R. I. ....	82	80	87	--	90	88	87	82	91	91	80
Conn. ....	81	79	85	--	88	88	90	82	86	84	80
N. Y. ....	79	90	89	--	91	91	93	90	87	83	85
N. J. ....	72	73	83	78	82	87	81	85	88	80	82
Pa. ....	74	82	87	--	87	90	88	89	90	85	82
N. Atl. ....	78	86	88	--	89	90	91	88	88	85	84
Ohio ....	80	91	89	82	89	93	94	95	88	87	86
Ind. ....	84	91	91	85	90	94	94	96	90	88	90
Ill. ....	84	88	90	88	90	93	93	94	86	85	87
Mich. ....	83	91	84	--	90	92	94	93	76	67	77
Wis. ....	80	91	80	--	89	92	93	92	64	59	70
E. N. Cent. ...	82	90	87	--	90	93	94	94	81	77	82
Minn. ....	81	86	81	--	88	91	91	91	62	71	74
Iowa ....	87	85	90	--	85	93	96	95	87	87	88
Mo. ....	78	85	84	80	89	92	91	83	73	80	82
N. Dak. ....	72	80	76	--	86	79	71	89	73	66	68
S. Dak. ....	74	77	78	--	85	85	81	86	68	69	70
Nebr. ....	82	74	83	--	85	88	85	89	75	78	81
Kans. ....	81	76	89	86	90	95	94	90	85	84	86
W. N. Cent. ...	80	83	85	--	87	91	90	88	76	79	81
Del. ....	75	74	86	80	92	90	79	84	95	89	81
Md. ....	74	79	82	78	84	85	75	75	90	86	79
Va. ....	78	83	88	76	88	85	88	94	97	93	86
W. Va. ....	76	85	84	73	83	85	83	86	93	89	84
N. C. ....	82	80	88	79	91	89	92	86	90	90	87
S. C. ....	78	74	82	73	87	86	87	75	87	87	78
Ga. ....	79	75	80	73	84	87	78	75	82	83	77
Fla. ....	79	74	82	65	77	84	81	91	90	87	82
S. Atl. ....	79	78	84	--	84	86	84	86	90	88	82
Ky. ....	83	88	88	78	89	95	94	92	87	86	80
Tenn. ....	81	76	80	74	88	89	84	72	71	81	77
Ala. ....	78	74	79	66	87	91	80	77	79	83	72
Miss. ....	78	80	76	69	86	88	75	70	72	77	73
Ark. ....	77	86	76	78	90	90	86	71	69	64	62
La. ....	76	81	71	70	85	87	63	71	71	61	58
Okla. ....	79	84	83	83	90	95	93	75	71	80	78
Texas ....	73	84	73	74	85	90	77	58	55	72	71
S. Cent. ....	77	82	78	--	87	91	81	70	69	75	72
Mont. ....	79	83	82	--	92	81	74	87	83	77	79
Idaho ....	86	87	89	--	92	92	92	90	87	84	83
Wyo. ....	81	85	77	--	89	74	80	79	74	68	76
Colo. ....	78	73	83	70	75	86	92	88	83	81	86
N. Mex. ....	73	76	80	71	76	85	78	78	80	86	84
Ariz. ....	84	88	82	74	87	84	78	83	86	87	81
Utah ....	80	88	89	89	91	84	89	88	91	90	91
Nev. ....	82	82	92	86	86	97	94	93	96	91	95
Wash. ....	83	87	85	80	85	91	91	89	81	79	84
Oreg. ....	84	86	88	76	88	95	95	90	83	85	88
Calif. ....	80	78	89	85	92	92	92	89	88	87	87
West. ....	81	82	85	--	87	88	87	87	85	83	85
U. S. ....	79	83	82	1/76	87	90	86	82	77	79	79

1/ Reported in 30 States.

UNITED STATES DEPARTMENT OF AGRICULTURE  
 STATISTICAL REPORTING SERVICE  
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Table 6.--Pasture feed condition as percentage of normal, first of month and season average, United States, 1958-69

Year	April 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Weighted av. for season
<u>Percent</u>									
10-year average: 1958-67	75	83	82	83	78	77	78	77	79
1958 .....	79	89	88	88	89	86	86	84	86
1959 .....	77	81	87	83	78	78	76	83	80
1960 .....	74	85	87	87	82	81	78	78	82
1961 .....	86	83	84	85	84	83	83	80	84
1962 .....	79	83	78	84	80	72	79	82	80
1963 .....	76	78	76	77	71	72	71	60	73
1964 .....	74	83	80	78	69	65	69	65	73
1965 .....	73	80	82	84	78	77	84	83	80
1966 .....	81	83	82	79	66	75	78	76	78
1967 .....	74	81	76	86	85	78	78	80	80
1968 .....	77	85	87	87	82	81	82	81	83
1969 .....	76	87	90	86	82	77	79	79	82

1/ Reported in 30 States beginning in 1966.