

MILK PRODUCTION

October 1970

Release:
November 12, 1970
3:00 P.M. EST

October milk production up 1 percent from a year earlier

U. S. milk production in October is estimated at 9,248 million pounds, 1 percent more than a year earlier. Daily average production was down 3 percent from September compared with a 4-percent decrease a year earlier. October output provided 1.45 pounds of milk per person daily for all uses--equal to last October's supply but less than the 1.50 pounds for September this year. Production for the first 10 months of 1970 was 0.5 percent more than a year earlier.

Milk production was unchanged or lower in most States of the North Atlantic and West North Central regions but varied in the South Atlantic. In the East North Central, South Central and Western Regions production was unchanged or higher in most States. Of the five leading milk producing States, production was above a year earlier in Wisconsin, New York, California and Pennsylvania, but below in Minnesota.

Rate per cow up 3 percent from a year earlier, milk cows down 1 percent

Milk output per cow averaged 744 pounds in October--up 3 percent from a year earlier. Daily production per cow averaged 24.0 pounds, about 3 percent less than September--the same decrease as a year earlier. Production per cow was record high in 41 States. It was highest in California--1,030 pounds; followed by Arizona, 970 pounds; Washington, 935 pounds; Hawaii, 880 pounds; and Connecticut, 860 pounds.

Milk cows on farms during October totaled 12,424,000 head, down 1 percent from a year earlier.

Milk-feed price ratio 5 percent less than a year earlier

The October milk-feed price ratio, at 1.76, was 5 percent less than a year earlier. The U. S. average milk price increased 10¢ and the average ration value increased 23¢ from October 1969. The ratio showed a 4 percent gain from September, compared with 3 percent a year earlier.

Pastures in good condition

Pasture condition was generally good on November 1. The reported 82 percent of normal for the Nation was the highest for the date since 1965. It was 5 percentage points above the 1959-68 average for the date, and 1 point above October 1. Late fall rains helped in some areas--in others rains came too late to help much.

Special in this issue THE 1970 PASTURE SEASON Page 6
--

All North Atlantic States except New Jersey reported pasture condition 80 percent or higher on November 1. At 67 percent New Jersey equaled the lowest condition of the 48 States. Even so, New Jersey showed a 7 point improvement over October 1 and all States in this group reported above average conditions.

States in the East North Central Region reported the highest condition of any group--all 87 percent or higher on November 1. All were above average and equaled or exceeded condition reported a month earlier. Pasture condition varied widely in the West North Central Region. From 70 percent in South Dakota where pastures remained poor throughout much of the State to 90 percent in Missouri where October rainfall was abundant.

In the South Atlantic States, only West Virginia and Florida reported pasture condition above 80 percent on November 1. Two States reported pasture condition in the 60's--Maryland at 67, equaled the lowest of the 48 States, and Virginia at 68 percent. In Virginia, dry weather from midsummer to early fall has resulted in near failure of pastures in some sections. Rains came too late to help pasture growth before cold weather.

Kentucky reported the highest pasture condition in the 48 States. At 91 percent, it equaled the highest of a 37-year record. Oklahoma reported the lowest condition in the South Central Region. At 72 percent of normal it was up from a month earlier, but was below average and last year.

Condition of pastures in the West ranged from 73 percent in California to 90 percent in Wyoming and Nevada.

October Milk cows and milk production by months, United States

Month	Milk cows on farms <u>1/</u>			Milk per cow <u>2/</u>			Milk production <u>2/</u>			:Change : from : 1969
	: 1968	: 1969	: 1970	: 1968	: 1969	: 1970	: 1968	: 1969	: 1970	
	Thousands			Pounds			Million pounds			Percent
January	13,235	12,818	12,544	717	734	750	9,495	9,411	9,412	0
February	13,200	12,795	12,530	696	687	706	9,187	8,792	8,840	+0.5
March	13,164	12,765	12,514	775	780	803	10,197	9,960	10,053	+0.9
April	13,132	12,743	12,500	796	806	826	10,457	10,265	10,330	+0.6
May	13,097	12,721	12,482	858	867	883	11,235	11,034	11,019	-0.1
June	13,056	12,701	12,472	826	847	862	10,786	10,759	10,750	-0.1
July	13,024	12,678	12,457	783	800	816	10,202	10,142	10,162	+0.2
August	12,990	12,653	12,450	740	764	782	9,612	9,673	9,732	+0.6
September	12,952	12,626	12,437	701	726	744	9,083	9,165	9,250	+0.9
October	12,917	12,601	12,424	706	725	744	9,124	9,138	9,248	+1.2
Jan.-Oct. total	---	---	---	---	---	---	99,378	98,339	98,796	+0.5
November	12,880	12,579		677	691		8,717	8,691		
December	12,847	12,559		711	730		9,139	9,170		
Annual	13,038	12,689		8,992	9,158		117,234	116,200		

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

October milk cows and milk production

State	Milk cows on farms 1/			Milk per cow 2/			Milk production 2/			:Change : from : 1969
	1968	1969	1970	1968	1969	1970	1968	1969	1970	
	Thousands			Pounds			Million pounds		Percent	
Maine	69	69	69	700	730	720	48	50	50	0
New Hampshire	38	38	37	755	785	795	29	30	29	-3
Vermont	208	205	207	720	755	760	150	155	157	+1
Massachusetts	68	65	64	845	865	855	57	56	55	-2
Rhode Island	7.9	7.9	7.6	790	830	840	6.2	6.6	6.4	-3
Connecticut	67	66	64	855	865	860	57	57	55	-4
New York	1,028	1,018	1,020	790	800	810	812	814	826	+1
New Jersey	77	74	70	815	835	820	63	62	57	-8
Pennsylvania	723	716	709	770	800	815	557	573	578	+1
Ohio	471	460	451	770	795	800	363	366	361	-1
Indiana	246	242	236	780	785	805	192	190	190	0
Illinois	326	320	316	740	770	785	241	246	248	+1
Michigan	478	471	467	810	820	830	387	386	388	+1
Wisconsin	1,873	1,835	1,809	710	725	755	1,330	1,330	1,366	+3
Minnesota	1,046	991	966	620	645	655	649	639	633	-1
Iowa	557	517	481	685	685	705	382	354	339	-4
Missouri	377	364	354	640	640	650	241	233	230	-1
North Dakota	154	146	140	495	480	505	76	70	71	+1
South Dakota	199	188	176	580	585	620	115	110	109	-1
Nebraska	210	199	192	625	620	640	131	123	123	0
Kansas	210	205	199	640	650	705	134	133	140	+5
Delaware	15	15	15	730	760	780	11.0	11.4	11.7	+3
Maryland	169	168	168	775	795	790	131	134	133	-1
Virginia	228	223	221	675	700	700	154	156	155	-1
West Virginia	66	62	60	535	560	565	35	35	34	-3
North Carolina	192	189	187	640	660	675	123	125	126	+1
South Carolina	71	68	66	590	630	650	42	43	43	0
Georgia	140	140	141	630	685	695	88	96	98	+2
Florida	187	191	192	660	660	685	123	126	132	+5
Kentucky	363	350	342	555	580	595	201	203	203	0
Tennessee	324	309	306	540	570	590	175	176	181	+3
Alabama	141	137	134	475	505	520	67	69	70	+1
Mississippi	206	199	194	430	430	445	89	86	86	0
Arkansas	101	98	97	575	580	595	58	57	58	+2
Louisiana	178	174	172	480	505	510	85	88	88	0
Oklahoma	154	150	148	685	700	730	105	105	108	+3
Texas	355	353	355	680	710	705	241	251	250	0
Montana	46	44	42	600	630	670	28	28	28	0
Idaho	156	154	152	730	730	755	114	112	115	+3
Wyoming	19.2	18.7	18.7	660	665	665	12.7	12.4	12.4	0
Colorado	100	102	101	710	705	720	71	72	73	+1
New Mexico	38	36	36	710	720	720	27	26	26	0
Arizona	52	51	52	900	960	970	47	49	50	+2
Utah	76	76	81	830	855	850	63	65	69	+6
Nevada	13.8	13.8	13.9	835	825	835	11.5	11.4	11.6	+2
Washington	185	184	185	875	890	935	162	164	173	+5
Oregon	112	109	110	685	715	725	77	78	80	+3
California	781	775	785	960	985	1,030	750	763	809	+6
Alaska	1.7	1.7	1.7	800	840	795	1.36	1.43	1.35	-6
Hawaii	13.3	13.0	13.1	810	845	880	10.8	11.0	11.5	+5
United States	12,917	12,601	12,424	706	725	744	9,124	9,138	9,248	+1.2

1/ Includes dry cows. Excludes heifers not yet fresh.

2/ Excludes milk sucked by calves.

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. 1969	Sept. 1970	Oct. 1970	Oct. 1969	Sept. 1970	Oct. 1970	Oct. 1969	Sept. 1970	Oct. 1970
	Pounds			Dollars					
N. Atl.	1.79	1.69	1.71	6.54	6.54	6.63	3.65	3.88	3.88
E. N. Cent.	1.82	1.66	1.74	5.51	5.45	5.62	3.02	3.29	3.23
W. N. Cent.	1.90	1.71	1.79	5.04	5.04	5.17	2.65	2.95	2.89
S. Atl.	1.98	1.79	1.81	6.85	6.80	6.93	3.46	3.80	3.82
S. Cent.	1.94	1.79	1.86	6.41	6.26	6.49	3.31	3.49	3.49
West.	1.75	1.68	1.71	5.53	5.55	5.64	3.16	3.31	3.30
U. S.	1.85	1.70	1.76	5.85	5.81	5.95	3.16	3.41	3.39

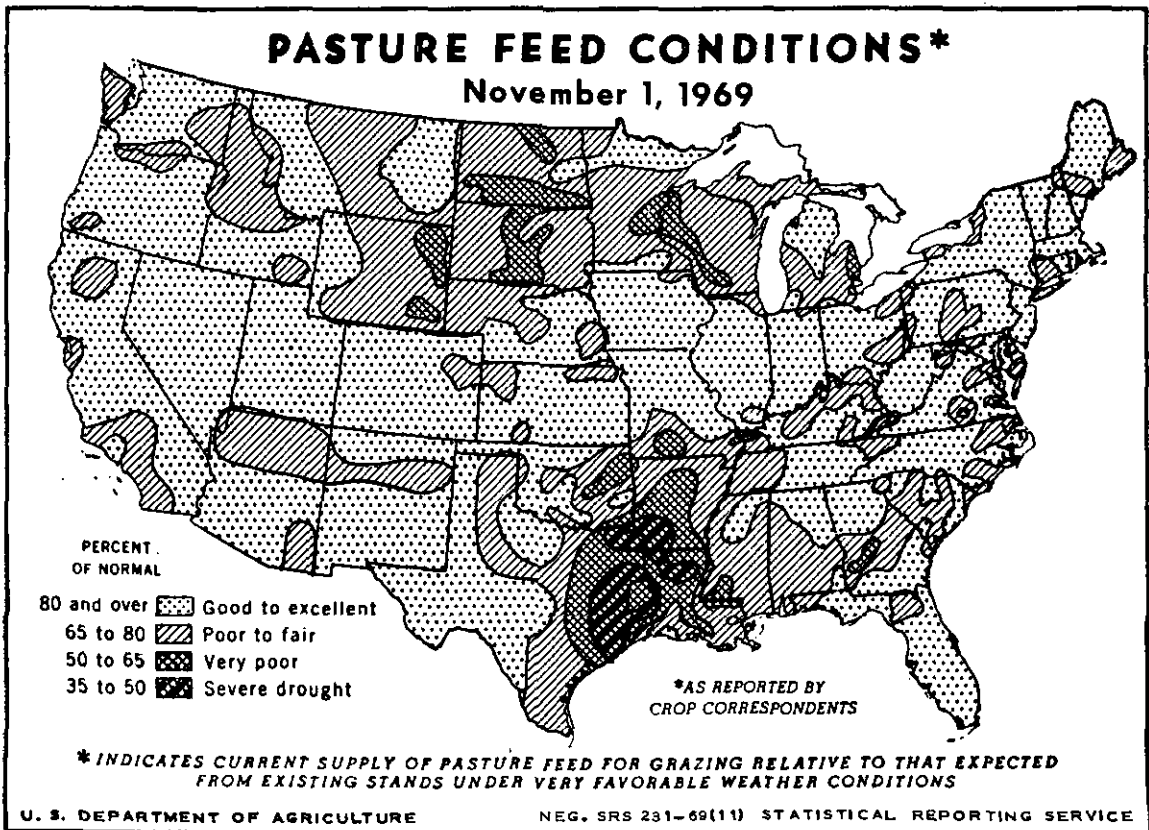
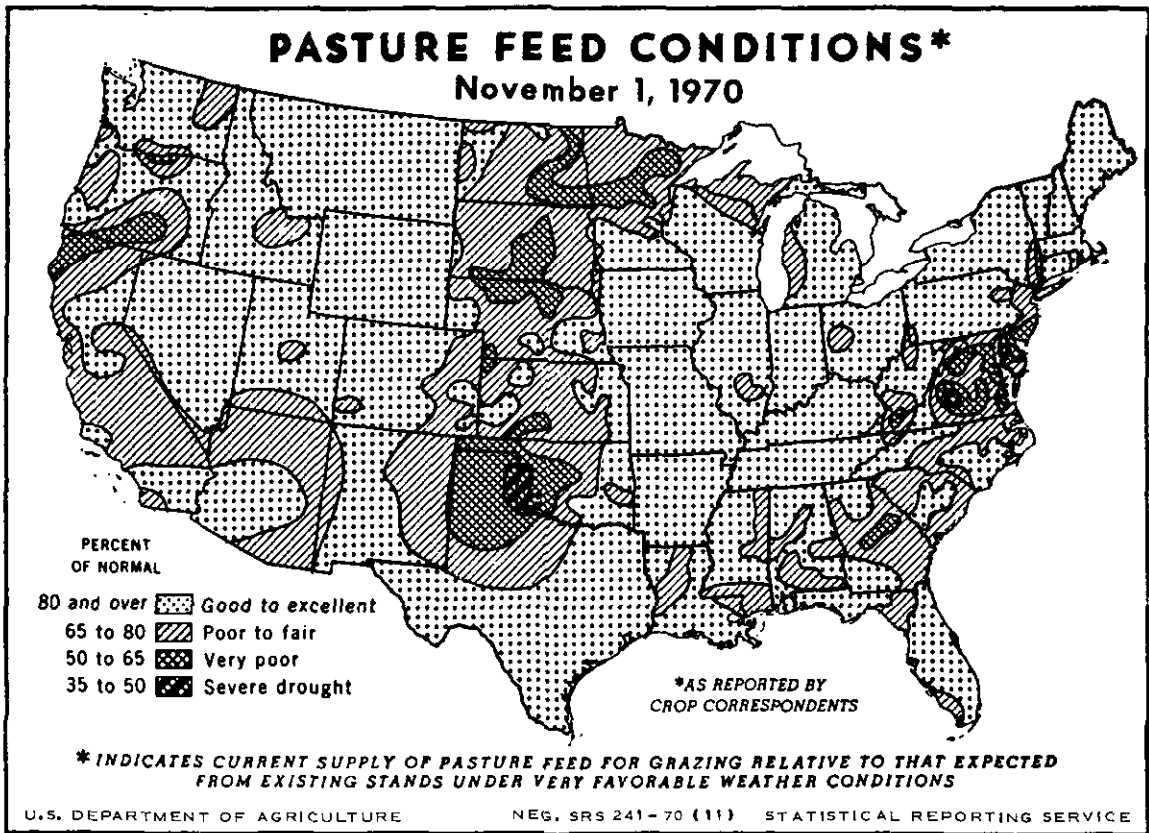
^{1/} Data for current month are preliminary.

^{2/} Pounds of concentrate ration equal in value to 1 pound milk sold to plants.

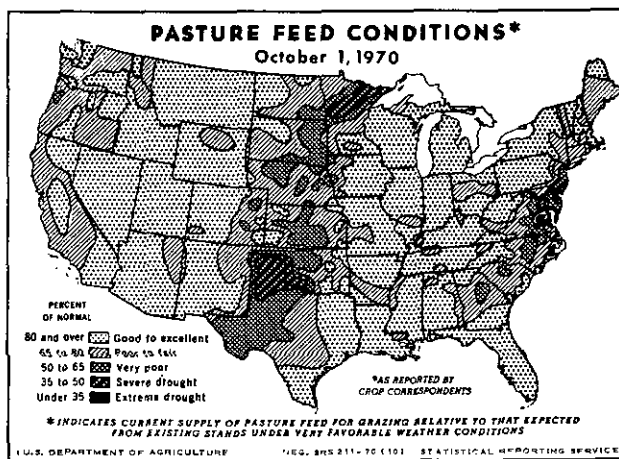
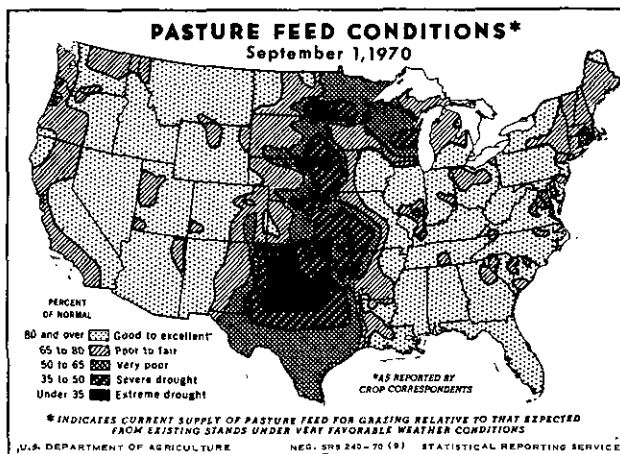
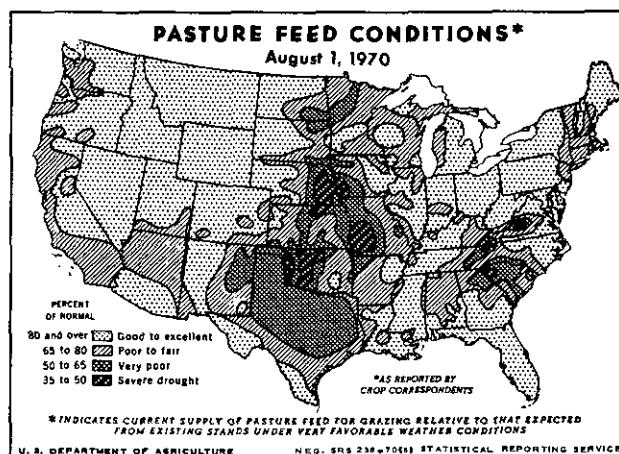
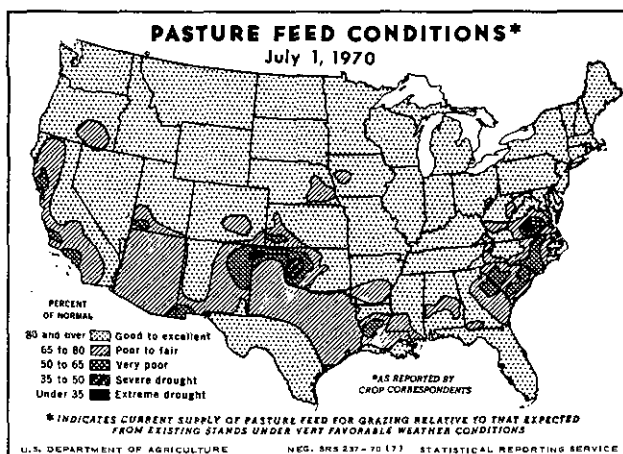
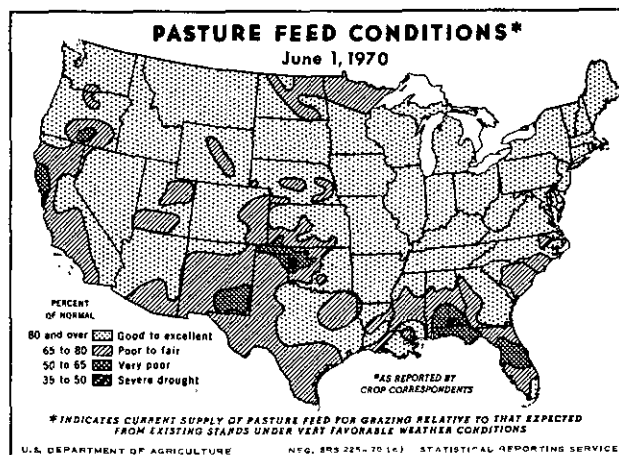
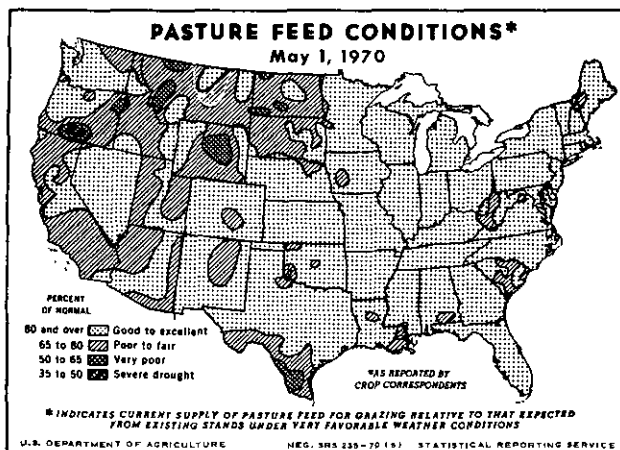
^{3/} Value per 100 pounds of concentrate ration fed to milk cows.

November 1 pasture feed condition as percentage of normal, by States

State	Average 1959-68	1969	1970	State	Average 1959-68	1969	1970
	Percent				Percent		
Maine	79	81	85	N. C.	77	87	79
N. H.	81	82	83	S. C.	71	78	73
Vt.	81	85	86	Ga.	74	77	74
Mass.	77	84	82	Fla.	76	82	83
R. I.	79	80	83				
Conn.	75	80	80	Ky.	77	80	91
N. Y.	75	85	89	Tenn.	74	77	84
N. J.	65	82	67	Ala.	72	72	83
Pa.	68	82	87	Miss.	74	73	85
				Ark.	72	62	85
Ohio	72	86	87	La.	73	58	84
Ind.	77	90	89	Okla.	78	78	72
Ill.	79	87	89	Texas	75	71	75
Mich.	82	77	88				
Wis.	82	70	87	Mont.	80	79	87
				Idaho	84	83	88
Minn.	78	74	76	Wyo.	80	76	90
Iowa	87	88	89	Colo.	77	86	82
Mo.	74	82	90	N. Mex.	76	84	75
N. Dak.	69	68	71	Ariz.	84	81	80
S. Dak.	73	70	70	Utah	80	91	85
Nebr.	80	81	74	Nev.	80	95	90
Kans.	79	86	77	Wash.	82	84	78
				Oreg.	83	88	76
Del.	70	81	71	Calif.	77	87	73
Md.	69	79	67				
Va.	74	86	68	U. S.	77	79	82.1
W. Va.	73	84	81				



THE 1970 PASTURE SEASON

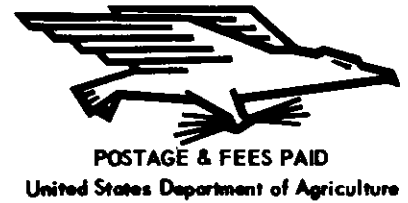


Pasture feed condition as percentage of normal, season average
and first of month, by States

State	Season average		1970								
	Average: 1959-68:	1969	1970	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
	Percent										
Maine	83	87	82	--	82	89	87	83	72	74	85
N. H.	82	86	83	--	87	91	89	82	70	79	83
Vt.	84	88	83	--	86	95	87	77	71	79	86
Mass.	79	85	82	--	86	91	90	74	72	79	82
R. I.	81	87	81	--	82	92	92	76	70	75	83
Conn.	79	85	78	--	84	90	91	73	57	70	80
N. Y.	78	89	88	--	91	94	90	87	79	87	89
N. J.	70	83	77	79	83	89	84	77	74	60	67
Pa.	73	87	90	--	89	93	92	91	88	88	87
Ohio	80	89	87	84	89	94	92	89	83	81	87
Ind.	84	91	89	86	91	95	92	86	87	89	89
Ill.	84	90	89	85	91	95	96	80	85	88	89
Mich.	84	84	88	--	89	93	93	90	79	86	88
Wis.	82	80	83	--	89	95	93	76	57	83	87
Minn.	81	81	79	--	87	88	95	74	61	72	76
Iowa	87	90	85	--	87	92	92	70	81	87	89
Mo.	78	84	82	77	88	92	94	61	69	88	90
N. Dak.	74	76	78	--	72	80	96	81	69	74	71
S. Dak.	74	78	74	--	80	87	93	72	54	62	70
Nebr.	81	83	75	--	87	86	86	65	58	69	74
Kans.	79	89	76	83	86	85	88	65	54	70	77
Del.	74	86	84	85	91	95	93	95	86	57	71
Md.	74	82	82	80	87	90	89	90	85	65	67
Va.	78	88	81	81	90	95	77	76	89	72	68
W. Va.	76	84	83	72	82	84	85	86	87	83	81
N. C.	82	88	84	84	90	90	82	76	91	76	79
S. C.	77	82	73	78	84	78	60	60	81	72	73
Ga.	79	80	80	80	86	80	78	77	87	75	74
Fla.	78	82	81	71	83	65	82	91	85	88	83
Ky.	83	88	89	79	91	95	93	84	88	87	91
Tenn.	80	80	84	76	90	89	89	74	85	85	84
Ala.	77	79	81	72	88	75	84	77	88	82	83
Miss.	76	76	82	67	85	81	82	83	91	84	85
Ark.	77	76	82	76	88	82	84	76	75	86	85
La.	76	71	82	75	85	82	78	82	85	88	84
Okla.	78	83	70	77	86	76	75	57	48	69	72
Texas	73	73	72	77	86	78	72	60	54	75	75
Mont.	80	82	88	--	78	90	94	93	87	88	87
Idaho	86	89	88	--	79	88	94	94	90	86	88
Wyo.	81	77	88	--	81	83	93	95	87	90	90
Colo.	76	83	84	87	87	83	87	86	79	79	82
N. Mex.	72	80	73	73	77	70	66	70	75	81	75
Ariz.	84	82	81	80	79	80	76	80	85	86	80
Utah	81	89	84	85	77	79	87	88	88	86	85
Nev.	81	92	90	87	84	92	87	94	92	94	90
Wash.	84	85	81	89	83	86	84	81	75	75	78
Oreg.	84	88	81	88	83	87	88	80	73	75	76
Calif.	79	89	76	87	73	72	75	76	78	75	73
U. S.	79	82	81	<u>1/78</u>	86	85	85	75	75	81	82

1/ Reported in 30 States.

UNITED STATES DEPARTMENT OF AGRICULTURE
 STATISTICAL REPORTING SERVICE
 WASHINGTON, D. C. 20250



OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, \$300

Pasture feed condition as percentage of normal, first of month and season average, United States, 1959-1970

Year	April 1 ^{1/}	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1	Season average
	P e r c e n t								
10-year average: 1959-68	75	82	82	83	78	76	78	77	79
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
1970.....	78	86	85	85	75	75	81	82	81

^{1/} Reported in 30 States beginning in 1966.