

MILK PRODUCTION

W. MANN LIBRARY

July 11, 1963

SUMMARY JUL 16 1963

United States milk production for June is estimated at 11,862 million pounds -- down one-half of 1 percent from a year earlier and 1 percent below the June 1957-61 average. Relative to population, June milk production amounted to 2.09 pounds daily per person, compared with 2.13 pounds a year earlier. Output per cow was 712 pounds -- 2 percent above June a year ago. Cumulative production for the first half of 1963 was 1 percent below the same period last year.

Dairy pasture feed condition in the United States was reported at 79 percent of normal on July 1 -- unchanged from a month earlier, but appreciably less than the 84 percent reported a year earlier and 87 percent, the 5-year July 1 average. June rainfall was limited over much of the Nation, except along the Middle Atlantic Coast and in the Gulf Coast and southeastern areas. Unusually hot weather late in June dried out pastures rapidly from the Plains States eastward.

Table 1.-Milk per cow and milk production by months, United States, 1963 with comparisons

Month	Milk per cow			Milk production			
	Average 1957-61	1962	1963	Average 1957-61	1962	1963	Change from 1962
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
January.....	529	586	596	9,781	10,111	10,043	-0.7
February.....	507	557	563	9,360	9,598	9,470	-1.3
March.....	584	639	650	10,741	10,994	10,907	-0.8
April.....	605	654	666	11,096	11,232	11,149	-0.7
May.....	678	725	736	12,418	12,429	12,295	-1.1
June.....	656	697	712	11,981	11,926	11,862	-0.5
July.....	604	639		11,006	10,912		
August.....	559	598		10,156	10,191		
September.....	519	567		9,398	9,636		
October.....	520	574		9,394	9,740		
November.....	496	552		8,932	9,345		
December.....	527	581		9,474	9,813		
Annual.....	6,785	7,370		123,737	125,927		

Table 2.-Monthly milk per cow and milk production
June 1963, with comparisons

State	Monthly milk per cow ^{1/}			Milk production			
	June av. 1957-61	June 1962	June 1963	June av. 1957-61	June 1962	June 1963	Change from 1962
	Pounds	Pounds	Pounds	Million pounds	Million pounds	Million pounds	Percent
New York.....	784	795	851	992	999	1,031	+ 3
New Jersey.....	745	778	810	99	96	97	+ 1
Pennsylvania.....	690	722	760	616	629	649	+ 3
Ohio.....	698	755	765	495	494	491	- 1
Indiana.....	700	775	790	321	319	314	- 2
Illinois.....	694	748	790	432	404	400	- 1
Michigan.....	749	800	820	501	510	520	+ 2
Wisconsin.....	830	850	865	1,814	1,817	1,849	+ 2
Minnesota.....	771	800	810	1,004	1,022	1,012	- 1
Iowa.....	696	740	740	622	618	590	- 5
Missouri.....	559	600	605	386	385	371	- 4
North Dakota.....	653	740	700	194	198	184	- 7
South Dakota.....	585	620	590	154	148	136	- 8
Nebraska.....	616	615	615	215	186	169	- 9
Kansas.....	513	546	535	184	173	163	- 6
Maryland.....	586	590	620	130	127	132	+ 4
Virginia.....	536	565	555	184	183	175	- 4
West Virginia.....	478	490	496	68	59	55	- 7
North Carolina.....	493	525	532	140	134	134	0
South Carolina.....	379	420	408	45	44	42	- 5
Georgia.....	387	430	440	90	87	89	+ 2
Florida.....	503	585	585	96	105	106	+ 1
Kentucky.....	491	520	545	256	257	264	+ 3
Tennessee.....	443	460	485	228	227	233	+ 3
Alabama.....	357	380	387	94	87	84	- 3
Mississippi.....	323	355	355	129	117	110	- 6
Arkansas.....	409	440	450	100	92	88	- 4
Oklahoma.....	489	565	585	138	130	125	- 4
Texas.....	422	475	465	262	258	248	- 4
Montana.....	597	620	620	50	45	43	- 4
Idaho.....	772	792	800	156	158	154	- 3
Wyoming.....	641	675	695	20.6	18.6	18.8	+ 1
Colorado.....	609	650	625	79	75	71	- 5
Utah.....	712	710	760	68	66	68	+ 3
Nevada.....	636	680	780	9.4	10.2	10.9	+ 7
Washington.....	786	860	860	187	204	202	- 1
Oregon.....	728	765	750	120	118	109	- 8
California.....	834	898	908	691	722	723	0
Hawaii.....	^{2/} 735	775	755	^{2/} 10.2	11.0	10.8	- 2
Other States ^{3/}	-	-	-	601	593	590	- 1
United States.....	656	697	712	11,981	11,926	11,862	- 0.5

^{1/} Estimated monthly rate based on all milk cows on farms (in milk or dry).

^{2/} Short-time average.

^{3/} Estimates not available for individual States.

Milk production one-half of one percent below June, 1962

Milk production in the United States during June was 11,862 million pounds--down one-half of one percent from a year earlier and 1 percent below the 1957-61 average for the month. On a daily basis, June milk production was one-half of one percent less than in May--the same as the 5-year average decline from May to June. Relative to population, June milk production amounted to 2.09 pounds per person daily, compared with 2.10 pounds a month earlier and 2.13 pounds in June last year. For the first half of 1963, production was about 1 percent below the corresponding period of 1962. Milk production was a record high for the month in Pennsylvania, Florida, Nevada, and California. In contrast, however, output was a record low in 14 of the States for which monthly estimates are available.

Milk per cow continues 2 percent above year earlier

Milk production per cow was 712 pounds for the month of June, 2 percent above a year earlier. The May rate also was 2 percent above the corresponding month a year ago. The daily average of 23.7 pounds per cow for June was unchanged from May. June output per cow was a record high for the month in 26 of the 39 States with monthly estimates, with unusually large gains over 1962 in New York, New Jersey, Pennsylvania, and Illinois.

Milk-feed price ratio down 2 percent

The June milk-feed price ratio, at 1.25, was down 1 percent from the previous month and off 2 percent from June 1962. The feed ration value in June continued above a year earlier and accounted for most of the decline in the milk-feed price ratio. The milkfat-feed price ratio, calculated for areas producing farm-separated cream, was 23.0 in June, compared with 23.1 in May and 23.5 in June last year.

July 1 dairy pasture condition 8 points below average

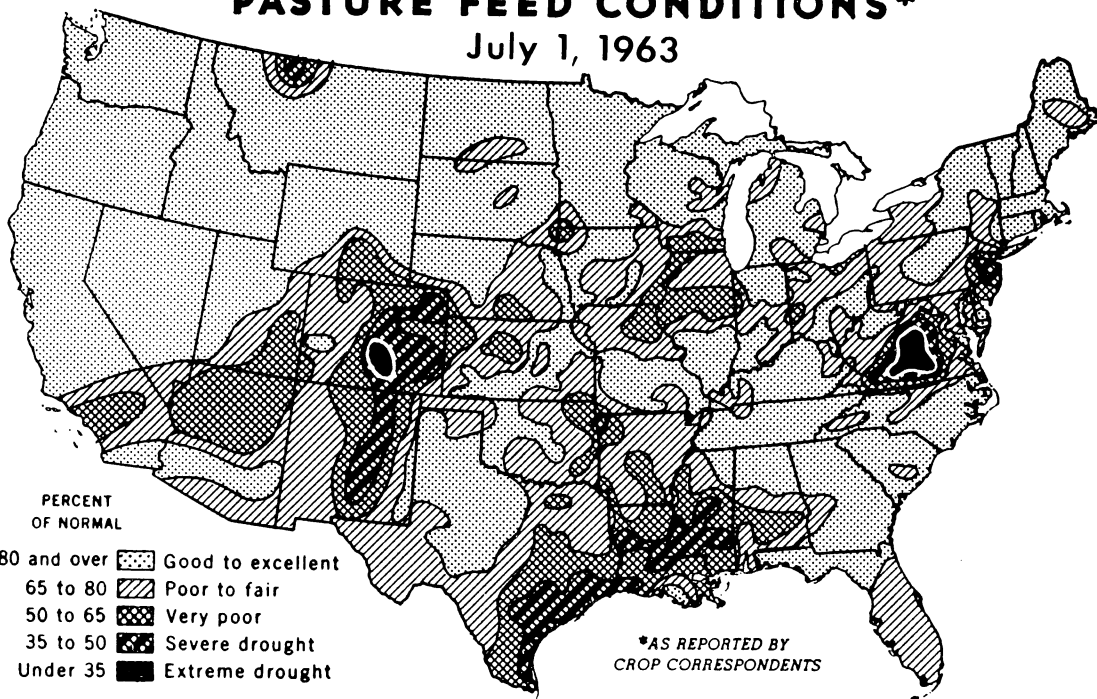
Dairy pasture feed condition in the United States on July 1 was reported at 79 percent of normal--unchanged from a month earlier. A year ago, dairy pastures were rated at 84 percent of normal and the 1957-61 average for the date is 87 percent. Improved condition in the South Atlantic, South Central, and Western Regions during June offset deterioration in the North Atlantic and North Central States.

June rainfall was generally below normal in a large area from the Plains States eastward to the Atlantic, also in most of the Pacific Coast States and the Southwest. Pastures benefited from general rains early in June along the Mid-Atlantic Coast and a period of heavy thunderstorms in Gulf Coast and Southeastern areas shortly after mid-June. An extended period of unusually hot weather late in June dried out pastures rapidly from the Plains States eastward.






In the Northeast, rainfall continued below normal through June and dairy pasture feed condition declined during the month in all States except Pennsylvania. The sharpest decline in that area during June was 15 points in New Jersey. In New York and Pennsylvania, reported condition was 10 points below the 5-year average for July 1, although considerably better than the drought situation at this time a year ago. Since the 1962 experience, dairymen in the Northeast have planted more emergency pasture crops for summer use and are chopping more green feed.

PASTURE FEED CONDITIONS*

July 1, 1963



PERCENT
OF NORMAL

- 80 and over  Good to excellent
- 65 to 80  Poor to fair
- 50 to 65  Very poor
- 35 to 50  Severe drought
- Under 35  Extreme drought

*AS REPORTED BY
CROP CORRESPONDENTS

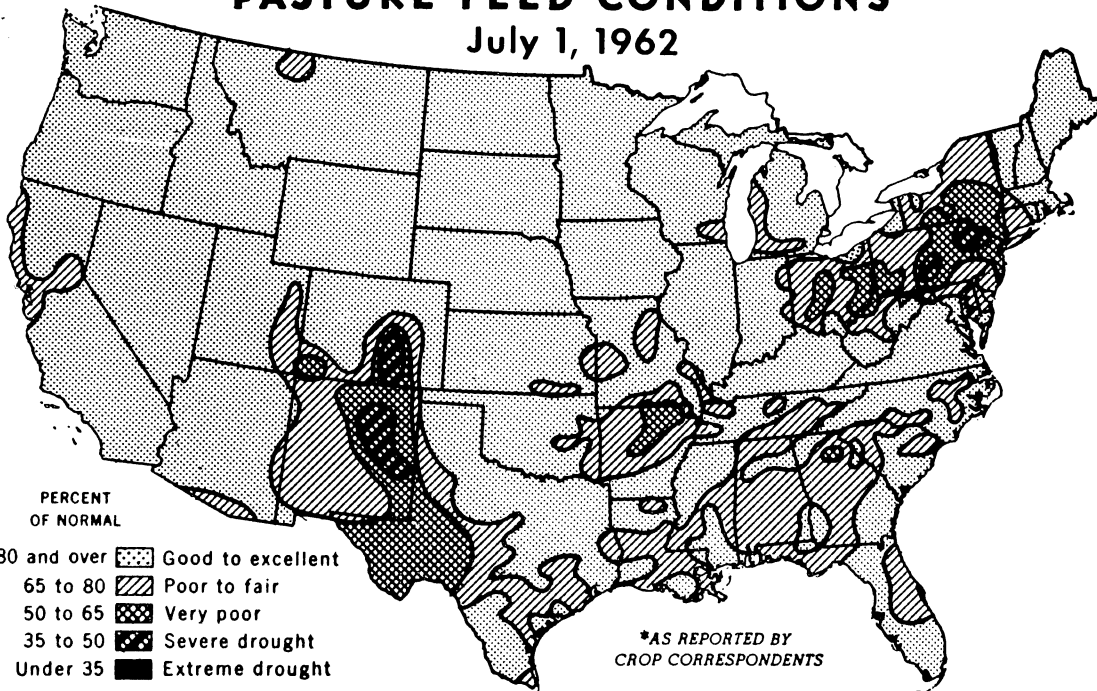
* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE






NEG. SRS 61-63 (7) STATISTICAL REPORTING SERVICE

PASTURE FEED CONDITIONS*

July 1, 1962



PERCENT
OF NORMAL

- 80 and over  Good to excellent
- 65 to 80  Poor to fair
- 50 to 65  Very poor
- 35 to 50  Severe drought
- Under 35  Extreme drought

*AS REPORTED BY
CROP CORRESPONDENTS

* INDICATES CURRENT SUPPLY OF PASTURE FEED FOR GRAZING RELATIVE TO THAT EXPECTED FROM EXISTING STANDS UNDER VERY FAVORABLE WEATHER CONDITIONS

U. S. DEPARTMENT OF AGRICULTURE

NEG. SRS 42-62 (7) STATISTICAL REPORTING SERVICE

Pasture feed dried up rapidly during June in Ohio, Indiana, and Illinois. In each of these States, July 1 condition was 15 or more points below the 5-year average for the date. June rainfall was less than one-half of normal in large areas of southern Ohio and west-central Illinois. Pastures held up fairly well during June from Michigan westward through the Dakotas, but soil moisture was depleted by unusually hot weather toward the end of the month. June rainfall was less than one-half of normal in a large area of southeastern Iowa. Pasture condition for the State as a whole dropped 21 points during June to the lowest July 1 condition since 1956. June rainfall was spotty and poorly distributed during the month in Missouri, Nebraska, and Kansas, with heavy run-off from some storms. Although the drought area in western Kansas was greatly relieved by general rains early in June, pasture condition was still 12 or more points below average for the date in each of the three States.

Pasture feed improved during June in all of the Southern States, contrary to usual seasonal declines. General rains early in the month revived pastures in eastern Virginia but severe drought persisted through June in a large part of the State. July 1 condition, at 52 percent of normal, was the lowest since 1936. After some improvement from June rains, pasture condition was still 11 to 13 points below average for July 1 in Delaware, Maryland, and West Virginia. Pastures made good growth during June from North Carolina southward through Florida and provided unusually good feed for the date in South Carolina and Georgia. General rains across the Gulf States after June 15 improved pasture feed in this area, but reported condition on July 1 was still 15 to 25 points below average for the date in Mississippi, Arkansas, Louisiana, Oklahoma, and Texas. At the end of June, rain was badly needed in Oklahoma and north Texas.

Continued on page 6

Table 3.-Dairy pasture feed condition, as percentage of normal, July 1, 1963, with comparisons^{1/}

State and division	July 1, av. 1957-61	July 1, 1962	July 1, 1963	State and division	July 1, av. 1957-61	July 1, 1962	July 1, 1963
	Percent	Percent	Percent		Percent	Percent	Percent
Me.	90	86	83	N. C.	85	85	84
N. H.	89	82	82	S. C.	78	79	86
Vt.	90	82	88	Ga.	82	75	89
Mass.	85	83	84	Fla.	85	81	84
R. I.	81	85	83	S. Atl. ..	84	82	75
Conn.	82	77	80	Ky.	91	91	87
N. Y.	89	66	79	Tenn.	88	80	87
N. J.	73	59	51	Ala.	84	74	76
Pa.	86	61	76	Miss.	83	81	60
N. Atl.	87	69	78	Ark.	87	72	70
Ohio.....	92	70	74	La.	80	81	55
Ind.	94	87	79	Okla.	88	88	73
Ill.	91	88	72	Tex.	81	79	66
Mich.	88	87	84	S. Cent. .	85	82	73
Wis.	86	94	81	Mont.	77	92	92
E. N. Cent. .	89	87	79	Idaho.....	90	93	98
Minn.	86	97	88	Wyo.	82	96	85
Iowa.....	93	95	74	Colo.	86	82	49
Mo.	88	81	76	N. Mex.	75	62	64
N. Dak.	70	96	90	Ariz.	81	91	78
S. Dak.	83	96	84	Utah.....	78	87	83
Nebr.	92	94	76	Nev.	80	95	93
Kans.	89	90	74	Wash.	90	88	91
W. N. Cent. .	87	93	80	Oreg.	93	90	93
Del.	78	77	66	Calif.	79	82	89
Md.	83	75	72	West.	84	86	86
Va.	87	95	52	U. S.	87	84	79
W. Va.	88	79	75				

^{1/} Indicates current supply of feed for grazing relative to that expected from existing stands under very favorable weather conditions. Regional and U. S. averages differ from those published in Crop Production in that States are combined with dairy rather than all livestock weights.

(Continued from page 5)

In the West, pastures and ranges continued to make good growth in most areas of Montana and Wyoming to the Pacific Coast. Grass in the drought area of eastern Colorado was revived by general rains June 16-18 but hot, drying winds the last 10 days of the month soon depleted soil moisture. There was no measurable rainfall during June in most of Arizona and only negligible amounts in much of New Mexico, with sharp deterioration of pasture and range feed outside of irrigated valley areas. California pastures continued unusually good through June except for dryland pastures in the South.

Table 4.-Average milk price received by farmers and value of concentrate ration fed to milk cows, by regions, June 1963, with comparisons

Region	Milk price per 100 pounds				Ration value per 100 pounds			
	June av. 1957-61	June 1962	May 1963	June 1963	June av. 1957-61	June 1962	May 1963	June 1963
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
N. Atl.	4.16	4.01	4.04	4.03	3.56	3.51	3.59	3.58
E. N. Cent.	3.39	3.38	3.43	3.38	2.73	2.66	2.72	2.72
W. N. Cent.	3.20	3.18	3.23	3.21	2.32	2.36	2.43	2.45
S. Atl.	5.11	5.04	5.04	5.02	3.37	3.28	3.42	3.36
S. Cent.	4.16	4.08	4.22	4.20	3.08	3.07	3.13	3.14
West.	4.05	4.01	4.04	4.02	3.16	3.16	3.16	3.17
U. S.								
Milk areas.....	3.77	3.72	3.77	3.74	2.98	2.93	3.00	3.00
Cream areas.....	-	-	-	-	2.48	2.45	2.53	2.54
Milk and cream areas.	-	-	-	-	2.93	2.91	2.98	2.98

Table 5.-Milk-feed and milkfat-feed price ratios, by regions, June 1963, with comparisons

Region	Milk-feed ratio 1/				Milkfat-feed ratio 2/			
	June av. 1957-61	June 1962	May 1963	June 1963	June av. 1957-61	June 1962	May 1963	June 1963
N. Atl.	1.17	1.14	1.11	1.13	-	-	-	-
E. N. Cent.	1.24	1.27	1.26	1.24	20.0	20.2	20.2	20.1
W. N. Cent.	1.38	1.35	1.34	1.31	26.4	24.8	24.4	24.2
S. Atl.	1.52	1.54	1.46	1.49	-	-	-	-
S. Cent.	1.35	1.33	1.34	1.34	16.2	16.4	16.2	16.4
West.	1.28	1.27	1.28	1.27	18.6	18.1	18.4	18.2
U. S.	1.27	1.27	1.25	1.25	24.0	23.5	23.1	23.0

1/ Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers.

2/ Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.