

WATER SUPPLY OUTLOOK				RESERVOIR STORAGE (1,000 Ac. Ft.) April 3, 1963			
STREAM or AREA	FLOW PERIOD	REMARKS	DATE	RESERVOIR	USABLE CAPACITY	MEASURED (OF 100 PERCENT)	PERCENT OF CAPACITY
Fort Klamath Valley	Fair	Poor		Clear Lake	460.0	158.8	34.5
Lost River (Clear Lake)	Average	Average		Gerber	36.0	46.0	128.0
Lost River (Gerber)	Average	Average		Upper Klamath Lake	366.0	350.5	95.5
Lost River (Wallowa Res.)	Average	Fair					
Sprague River	Fair	Poor					
Upper Klamath Lake	Fair	Poor					
Williamson River	Fair	Poor					

STREAMFLOW FORECASTS* (1,000 Ac. Ft.) as of April 3, 1963				RESERVOIR STORAGE (1,000 Ac. Ft.) April 3, 1963			
NO.	NAME	FORECAST THIS YEAR	FORECAST PERIOD	1963-57 AVERAGE	THIS YEAR AS PERCENT OF AVERAGE	1963-57 AVERAGE	THIS YEAR AS PERCENT OF AVERAGE
925	Clear Lake Reservoir Inflow	9.0	April-Sept.	50	18		
925	Gerber Reservoir Inflow	4.0	April-Sept.	15	26		
925	Sprague near Chiloomin	125	April-Sept.	296	42		
925	Upper Klamath Lake Inflow	375	April-Sept.	632	59		
925	Williamson below Sprague River	275	April-Sept.	465	59		

SOIL MOISTURE				PROFILE (INCHES)				SOIL MOISTURE (PERCENT)			
STATION	NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO	THIS YEAR	LAST YEAR	2 YEARS AGO

Irrigation Season Opens On Varied Water Picture

The 1963 irrigation season opens in Klamath Basin with a varied water supply outlook. Irrigators with reservoir water supplies will likely have a satisfactory season while lands dependent on natural streamflow will have little or no late season water.

March storms, although they were exceptionally heavy at month's end, produced insufficient new snow to reduce the huge deficit in the record-low snowpack. Water content of the mountain snowcover is now 31 per cent of the April 1 average.

Moisture in the upper watershed soil mantle as measured at Mt. Klamath is 81 per cent of total capacity.

Gerber and Clear Lake reservoirs have in storage 46,200 and 136,800 acre feet respectively, compared with 15,200 and 94,000 acre feet last year on April 1. This will be an adequate supply for this season.

Upper Klamath Lake now has 330,500 acre feet in storage compared with 461,200 a.f. one year ago. This is adequate for irrigation purposes but with limited inflow expected will be somewhat short for usual hydro-power generation.

March inflow to Klamath Lake was 78 per cent of average and flow Oct. 1 through March has been 110 per cent of average.

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Klamath Watersheds				SNOW			
SNOW COURSE	ELEVATION	DATE OF SURVEY	SNOW DEPTH (INCHES)	WATER CONTENT (POUNDS)	WATER CONTENT (INCHES)	LAST YEAR	1945-57 AVERAGE
Annie Springs	6014	3/21	72	21.0	48.2	49.2	
Betty (PPAL)	4300	3/20	0	0.0	0.0	0.0	
Billie Creek Divide	5300	3/29	7	1.0	27.2	26.3	
Rly Mountain	5090	3/29	0	0.0	10.6	—	
Rly Mt. Ranch (PPAL)	4800						
Chesnut	4760	3/26	1	0.2	10.3	10.8	
Chiloomin (PPAL)	4187	3/30	7	2.0	0.0	—	
Gold Springs Camp	6100	3/25	27	10.7	41.0	—	
Cassman Flat	5100	3/25	0	0.0	2.9	0.2	
Crowder Flat (Calif.)	4200	3/31	0	0.0	10.1	6.2	
Crystal (PPAL)	3800	3/26	33	13.0	41.9	—	
Diamond-Crater Summit	4500	3/26	0	0.0	7.4	—	
Diamond Lake Junction (97)	4900	3/25	0	0.0	0.0	—	
Boy Hollow	6000						
Finley Corral	4130	3/31	0	0.0	2.9	0.9	
Fort Klamath (PPAL)	4850	3/31	0	0.0	7	—	
Gerber	4900						
Hyatt Prairie Reservoir	4533	3/31	7	2	1.8	1.9	
Kirk (PPAL)	4980	3/25	1	0.4	14.7	11.9	
Lake of the Woods	6430	3/31	103	35.0	56.9	61.4	
Park Headquarters	4130	3/29	0	0.0	0.0	—	
Pelican Guard Station	5230	3/29	7	2	9.8	5.4	
Quartz Mountain (PPAL)	5504	3/29	4	0.9	10.4	5.7	
Seven Lakes #1	6800	3/28	76	25.8	86.6	62.6	
Seven Lakes #2	6200	3/28	40	13.1	41.8	46.1	
State Line (Calif.)	5750	3/25	0	0.0	15.8	—	
Strawberry	5600	3/27	0	0.0	13.2	8.2	
Summer Rim	7200	3/27	25	7.3	22.1	19.7	
Don Mountain	5550	3/22	12	3.6	29.2	29.1	
Bycan Flat	3900						
Taylor Butte	5100	3/22	0	0.0	8.8	4.3	
Tonahawk Ski Bowl (PPAL)	4200	3/28	0	0.0	2.1	0.9	
Taney (PPAL)	4600						

Check Of Seed Germination Urged

Have you checked your seed to see whether it has been tested for germination within the past 18 months?

Plant Division inspectors with the Oregon Department of Agriculture are constantly asking this question of seed retailers, but with spring planting starting they are emphasizing this reminder.

Another warning the department sounds is — be sure the package is properly labeled.

Several seizures of seed were made earlier this year by the department for improper labeling and outdating of germination tests, which must be made every 18 months.

Labels on all vegetable and agricultural seeds must carry the name and address of the person labeling or offering the seed for sale; the name and kind of seed; and the name and amount per pound of each kind of restricted noxious weed seed if any.

Labels on agricultural seeds must also have the percentage of germination and the month and year of germination test; the county or state where grown, if known; percentage of other crop

seed; percentage of weed seed; percentage of inert matter; and percentage of hard seed.

The vegetable seeds in packages larger than a pound must list percentage of hard seed, if it is more than one per cent. The percentage of germination is optional if the germination exceeds the standard established by the Oregon Director of Agriculture. However, the month and year of the germination test must be included on the label.

In the case of vegetable seeds in pound or less size packages, with a germination percentage below the standard established by the Oregon Director of Agriculture, the package label must carry the words "substandard germination" in not less than eight point bold face type. Only on substandard seeds is the month and year of test and the percentage of germination required.

More than 98.3 million tons of raw steel were manufactured in the U.S. during 1962.

Food Prices To Remain Steady; 1962 Per Capita Spending Up

WASHINGTON (UPI)—The Agriculture Department said today retail food prices in the first half of 1963 are expected to average about the same as a year earlier.

Higher prices for fresh fruits and vegetables, hit by freezing weather, are expected to be offset by lower prices for beef, pork, and eggs.

In a review of the national food situation, the department noted that while the current quarter is the low-supply season for foods such as fresh vegetables, some fresh fruits, and fishery products, the processed forms of these foods are in large supply.

The department estimated consumers spent about \$74 billion for food in 1962. This was somewhat more than 4 per cent larger than food expenditures in 1961. Per capita food outlays increased 2.8 per cent, along with the 3.6 per cent gain in per capita consumer income. The volume of food consumed per person in 1962 was about the same as in 1961, with gains in meats and fats and oils offset by declines in the consumption of dairy products and fresh fruits and vegetables.

The department predicted total consumer expenditures for food in 1963 likely will increase but probably not as much as the 4 per cent increase in 1962. Per capita consumption of food may increase a little this year, particularly consumption of meats and poultry.

The department expects little, if any, change in the all-food price level for the year as a whole, compared with 1962.

Exports of foods last year are estimated to have been near the record-large quantity exported in 1961. They were especially strong for fats and oils, while grains decreased some. Early in 1963, food

exports were slowed by the shipping strike, but with shipping moving again, these exports will increase. There are ample supplies to take care of domestic needs and still allow large exports.

Charges for marketing farm-originated food products made a smaller rise in 1962 than any year since 1950, the last year in which they declined.

The rise in marketing charges from 1961 to 1962 was less than one-half of 1 per cent. This compares with an average increase of about 3 per cent per year from 1950 to 1961. Year-to-year increases have been relatively small since 1958.

The department said the small rise last year in marketing charges reflected relative stability in costs of performing marketing operations. Hourly earnings of food marketing employees averaged about 3 per cent higher in 1962 than in 1961, a smaller increase than the average year-to-year rise during the preceding 10 years. Transportation charges probably changed little in 1962. Rail rates for farm products may have decreased a little. Prices of supplies, equipment, and other goods and services used by food marketing firms averaged about the same last year as in 1961.

Farmers' prices for food products averaged 1 per cent higher in 1962 than in 1961. Retail prices for farm food products averaged 1 per cent higher than in the previous year.

The farm share of the consumer's food dollar in 1962 was 38 cents, the same as in 1961. In three of the last four years, the farmer's share has been 38 cents. It was 39 cents in 1960.



SNOW MEASURED — Two Soil Conservation Service men, Roger Reid, left, and Chuck Fisher are shown as they take a measurement of the snow depth and water content.

FARM REVIEW FORECAST

Utilizing Unready Ranges Can Result In Big Losses

LAKEVIEW—Turning livestock onto unready ranges may result in severe losses to the rancher, warns Bill Moser, Lake County extension agent.

Early turn-out takes money out of two banks, the rancher in loss of pounds of beef to sell and the range resources in the loss of desirable range grasses. Both in the long run affects the rancher's pocketbook.

Some alternatives to early spring turn-in as a long range program might be as follows:

1. Establish crested wheat to turn into for two to four weeks before going onto native range.
2. Spray sagebrush to obtain more total grass from native ranges.
3. Fertilize hay lands to produce more hay.
4. Rotate native ranges around so abundant dry feed will be left on ranges to be used for early spring turn-out.

These are a few things that can be done to alleviate having to turn onto native ranges too early. Anyone or all of these practices worked in the total ranch management plan can help increase income from livestock.

Bev Lyons, the well-known television attraction, will prepare and cook beef pot roast in the native cuisine of several different countries. At the conclusion of the demonstration samples of each dish will be offered to all along with refreshments. Several door prizes will be given away including a sirloin tip roast, gift certificates and electric appliances.

Everyone is invited to this chance to learn how to make new and exciting dishes from an economical cut of beef.

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