

Chest Keeps \$4416 Fund In Reserve

Klamath County Community Chest has a reserve of \$4416.27 as a nest-egg for the future. It is shown in final reports for the Chest finances submitted to the board of directors this week by Ruth Nelson, campaign secretary and auditor.

The reserve fund includes \$1180.46 which was brought forward from 1946, plus the surplus resulting from over-subscription of the 1947 campaign. The board voted to put the money in reserve rather than to distribute it to participating agencies in keeping with the policy presented in the campaign.

The 1947 campaign goal was approximately \$66,000, but the total raised in cash and pledges reached \$69,142. The pledges amount to only \$2329.78.

Distribution

Here is the way the fund was distributed to agencies:

Boy Scouts	\$13,256.60
Camp Fire Girls	6,025.09
Girl Scouts	8,486.75
Salvation Army	13,390.40
YMCA	8,670.20
State agencies	10,012.00

Campaign expenses, including professional direction, payroll, supplies, posters, etc., totaled \$3957.83, under the budgeted amount of \$6150. The campaign workers, including co-chairmen, division heads, captains, committeemen, etc., gave voluntary service without pay.

The campaign results, with goal given first and amount raised second:

Commercial—\$9900 and \$8499.
Industrial—\$17,650 and \$17,416.
Public Service—\$14,950 and \$14,543.
Government employees, (schools, state, federal, county, etc.) \$3100 and \$4187.50.
Business (less than 5 employees) \$7400 and \$7900.
Residential—\$4000 and \$4169.75.
County—\$9000 and \$12,719.55.

Here is the community breakdown on county contributions:

Bentley Rodeo	\$ 25.00
Bly	156.94
Bonanza	718.25
Chiloquin	365.30
Clifton	200.00
Fort Klamath	452.58
Henley	2,516.75
Keno	710.00
Klamath Agency	44.50
Malin	2,449.73
Merrill	3,935.60
Midland	145.00

Legion Groups Hold Conference



Representatives of all the American Legion posts in this district, No. 4, met for an annual conference at the Veterans Memorial hall Wednesday. Among heads of the Legion and auxiliary who took part in the dinner meeting climaxing the conference were, from left, Jack Maris of Canyonville, Legion commander for the department of Oregon; Mrs. Hal Ogle, president of the Klamath auxiliary unit; Lynn Roycroft, commander of the Klamath Legion post, and Mrs. Craig Coyner of Bend, president of the auxiliary of the department of Oregon. —Ken E. Frey.

Tracing Meteors By Reports Of Witnesses Trying Game

By J. HUGH PRUETT
Pacific Director, American Meteor Society

Requests by the American Meteor society for reports from eye witnesses of the flight of some huge fireball in order that it might be "traced," may seem to some as an attempt at the impossible. Quite often 100 or more letters will come from widely separated localities. These "first letters" rarely give much usable information, but when questionnaires are sent to the writers, a great many of their "second letters" give estimated—sometimes measured—angles of direction and altitude which enable the tracer to calculate many things about the fireball.

Let us illustrate with the Yakima meteor at 8:45 p. m. April 20, 1933, seen from most of Oregon and Washington. A Portland observer first saw it 22 degrees east of south at an altitude of 25 degrees, and last

seen at due northeast 3 1/2 degrees high. This told only that it was traveling northerly over a line somewhat east of Portland, but from this alone its flight path could not be determined. From Sedro Woolley, Wash., it exploded and disappeared in the southeast; from Seattle, 60 degrees east of south (at 5 degrees above the horizon); from Pasco, Wash., 55 degrees west of north (at 7 1/2 degrees); from Monitor, Wash., due south (at 12 degrees); and from Cove, Ore., due northeast.

Many other places furnished valuable angular estimates and measurements, but these alone determine quite well over what locality the big meteor "blinked out." If on a map lines are drawn from these various places in the directions indicated, they will very nearly meet at a locality about 35 miles 10 degrees east of north from Yakima, the measured direction given by a Yakima engineer for the disappearance.

The locality over which the meteor flashed into luminosity was

not so easily determined because, since all observers did not catch sight of it at the same instant, the "appearance" lines of sight do not come so nearly meeting at a point as the "disappearance" lines. But lines of sight for direction "first seen" as furnished from Oregon observers at Portland, Dufur, Eugene, North Bend, Glendale and Klamath Falls (the attorney reporting here said it started "right at the North Star") converge quite well toward the Three Sisters area in the Cascades.

A line drawn from the Three Sisters to the disappearance locality north of Yakima gives the "ground path" of the fireball. With this determined, the heights at the beginning and ending of the luminous flight are calculated by trigonometry from the angles of elevation (with slight corrections for the earth's curvature) and the ground distances to these points. This calculation shows that the Yakima meteor became visible at about 85 miles above the Three Sisters, went downward at the gentle slope of 15 degrees, and, after traveling over 220 miles, "ground path" in six seconds, disappeared north of Yakima at a height of about 10 miles. Any unburned fragments likely went on 20 or 30 miles farther.

"EGG MESSAGES"

Soviet agents used eggs for sending secret messages. Written on the shell of a boiled egg with a solution of sugar and alum, messages are legible on the shell, but make a clear impression on the solid white inside.

The term "copper" derives from "cyprian metal," the name given by prehistoric tribes who mined and used it on the island of Cyprus.

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Lakeview PO Receipts Up

LAKEVIEW, Jan. 17.—The volume of outgoing money orders handled in 1947 through the Lakeview post office totaled \$300,621.36, an increase of nearly \$82,000 over the amount sent out in this manner in 1946, it was announced this week by Postmaster Fred Peate.

The 1947 total was accounted for in 19,400 individual domestic money

orders, Peate said. The 1946 total was \$218,640.27.

Gross receipts for the office, in sale of stamps, increased slightly for the year: \$29,972.71 for 1947 with a 1946 total of \$29,574.67. A greater margin of increase was shown in the figures for December of the two years; \$9,686.10 for that month in 1947 and \$8,988.57 for December, 1946.

The true quail is an Old World bird, but about seventy different types of the species have adapted themselves to the western hemisphere.

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