

**MEASURABLE AMOUNTS**—Of precipitation fell in each of the major hydrographic areas of the state sometime during the past month. Most areas north of the Tehachapis were blessed by mid-September rains that made July, August and September totals exceed normal amounts for the three-month period. Quantitatively, these summer rains could not alleviate the critical shortage of water supply resulting from three successive dry years. Still, experiencing above-average precipitation for even a period such as this is truly a psychological "shot in the arm" for many of these parched regions. Temperatures throughout California generally were below normal during September, thus ending the above-normal trend that has existed over most of the state since May. Although conditions are still serious, prevailing lower temperatures and the above normal precipitation resulted in a general reduction in fire hazard throughout California. The first snows of the season were reported at higher elevations of the Sierra, with some areas being covered with a blanket four to six inches in depth.

## Water Director Sees 1961 Among Driest on Record

The 1960-61 water year in California "must rank with the driest years of record in most of the State," Water Resources Director William E. Warne, today reported to Gov. Edmund G. Brown.

Warne said that precipitation during the water year ended September 30, 1961, was less than either of the two preceding years in most of California.

"Average conditions of water supply were found only in the North Coastal area," Warne said, "emphasizing again this State's maldistribution of water."

He said that about 60 percent (over 27 million acre-feet) of the total surface runoff in the State the past year occurred in North Coastal area streams.

"And most of that wasted to the sea," Warne added.

He said that on the basis of records, this is the second driest year in the last 90 years in the South Coastal area, and the third driest in both the Central Coastal and San Joaquin Valley areas.

Both 1924 and 1931 were slightly drier.

**3-YEAR DROUGHT**  
"Our records also show that the three-year period ended September 30th has been the driest three-year period of record in the San Joaquin Valley," Warne said.

"It has been the second driest in the South Coastal area, and the third driest in the Central Coastal area. Since 1917, considering the State as a whole, this is the fifth dry period lasting three years or longer," he said.

Warne pointed out that in some areas of the State two disasters.

"First of all, we had an unprecedented amount of carry-over storage that totaled over 130 percent of average at the beginning of the three-year dry period," he said.

"Secondly, there was a vast amount of storage held in ground water basins,

which supplemented surface supplies," he added.

**WATER SHORTAGE**  
Warne said that this year, carry-over storage was about 40 percent of capacity in the State's major reservoirs.

"In short," Warne said, "the situation at this time is not good. If we have another winter of scant precipitation, California will be in critical condition next summer."

Governor Brown, in commenting on Warne's report, said last summer's Dry Year Water Conference may need to be convened again next year.

"Only it will be dealing water problem, the effects of which will be felt for years to come," he concluded.

## Appoint Director For Christmas Seal Campaign

Robert H. Scholl, 332 5th St., Manhattan Beach, has been named Christmas Seal chairman for the beach cities area this year.

Leland A. Phillips, president of the Tuberculosis and Health Association of Los Angeles County, said that Scholl will head the 55th annual campaign as regional chairman.

This year's drive opens Nov. 13 and continues through the Christmas holidays.

A native of Milwaukee, Wis., Scholl has been a resident of California for the past 39 years.

He is public relations director, Los Angeles Division, North American Aviation, and is active in the Los Angeles Press Club and the Aero-Space Writers Association.

He attended Alhambra High School and Los Angeles City College.

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## A Lot of Meat . . .

### 580,000 Hamburgers Over Airport Counters

Jet-age passengers to and from the new Los Angeles International Airport will augment the status of the "national sandwich" by consuming an estimated 580,000 hamburgers during the terminal's first full year of operation.

This, along with other food statistics for the \$70 million terminal complex, were released by Interstate Hosts, Inc., operators of the all-gas facilities that will make the restaurant the largest of its kind in the world.

The Central Commissary, in the Theme Building, one of the largest operations of its type in the country, is geared to handle ten tons of varied foods per day, including almost 300 pies, 1700 cookies and 4200 dinner rolls.

With a total two level floor area of 35,000 square feet, the main commissary will distribute foodstuffs to each of the eight restaurant facilities within the complex.

Batteries of gas ovens and ranges will provide heat to prepare the major meal

items that will be served to some 20,000 customers daily. The cooking battery will include nine sections of gas ranges with solid steel tops, which will cook the thousands of hamburgers and other culinary regulars.

A unique concept of temperature control is reflected in the modern lines of the central utility plant located toward the west end of the vast terminal.

Three gas-fired boilers with a combined capacity of 66 million BTU's per hour activate the first commercial high-temperature hot water (HTHW) heating system to be installed on the west coast.

An estimated four million cups of coffee will be served yearly at the airport, along with 600,000 glasses of orange juice and 60,000 gallons of milk.

The manner in which the foods are delivered from the central commissary to the individual restaurants in the complex is a unique feature in the operation.

Light-line type refrigerated lift trucks handle the job. Individual modules containing the portioned food supplies are placed in the trucks, which then deliver the food to each Satellite restaurant.

Seven million passengers are expected to be served in the airport's initial year of operation.

## State C of C Sets Annual Meeting Date

The 34th annual statewide meeting of the California State Chamber of Commerce will be held on Thursday, Nov. 30, at the Biltmore Hotel, Los Angeles.

Featured luncheon speakers at the all-day meeting will be Hon. Carl T. Curtis, senior U. S. Senator from Nebraska, and Maurice H. Stans, president of Western Bancorporation and vice-chairman of the board of the United California Bank.

Sen. Curtis will speak on "What We Can Expect in the Way of Taxes." Stans' topic will be "Is Government Spending Out of Control?"

Separate section meetings will be held in the morning and afternoon by the statewide committee of the chamber.

These include the fields of taxation, agriculture, industry, insurance, natural and water resources, highways, industrial development and travel and recreation.

Presiding over the luncheon will be State Chamber President Robert A. Hornby.

## Set Dedication Ceremonies for Elk Lodge

Torrance Elks Lodge 1948 will hold official dedication beginning tonight with a visit from Bruce Marsh, district deputy and grand exalted ruler.

Thursday evening several lodges will be special guests of the Torrance group.

Public open house will be Friday from 7 p.m. to midnight. Guided tours will be made of the lodge.

A dedication dinner-dance will begin at 7 p.m. Saturday.

Ceremonies will conclude Sunday at 3 p.m. with official dedication at the new building, 1820 Abalone Ave.



GEORGE M. BABBE (left) Southwest division manager for Southern California Gas Company, watches as Hulsey S. Locke, president of Interstate Hosts, Inc., points out one of a battery of gas ovens that will cook food for some seven million first-year passengers at the new Los Angeles International Airport.

## Electrical Certification Performed by Space Lab

Space Technology Laboratories, Inc., has announced that it will perform certification of standard electrical voltage cells (standard cells) for scientific and industrial purposes.

In providing this service, STL will utilize equipment by the National Bureau of Standards capable of determining to within 15 millionths of a volt the absolute value of voltage.

The certification service will be performed at STL's instrument center standards laboratory, in the fabrication, integration and test division. Certification of unsaturated cells was discontinued by the bureau last July.

Standard cells, which derive electrical voltage from the reaction of chemicals in solution, are of two types—saturated and unsaturated. The saturated cell is restricted to specialized purposes due to the extra care in handling and rigid temperature control requirements.

The STL standards laboratory has eleven such cells which are periodically certified by the National Bureau of Standards.

Unsaturated cells are customarily used as the reference for voltage measurements in commercial laboratories. These cells are normally certified for an accuracy of 100 parts per million for a period of one year.

In providing certification, STL's standards laboratory uses a procedure furnished by the National Bureau of Standards which requires daily recorded comparisons of the unsaturated cell to a bank of certified saturated cells for a successive period of at least ten days.

The value given on the certificate is correct within 15 parts per million referred to the standard of the United States.

Director of the STL fabrication, integration and test division is Harold Hirsch. R. A. Stodola is head of the standards laboratory and R. H. Guibord is in charge of the instrument center equipment control section.

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## Goldberg, Ribicoff Speak At Regional Conference

Gov. Edmund G. Brown today announced that Secretary of Labor Arthur J. Goldberg and Secretary of Health, Education and Welfare Abraham A. Ribicoff will be principal speakers at the Los Angeles Regional Conference on Domestic Issues at the Ambassador Hotel Nov. 20 and 21.

The two-day conference, one of a series being held during November, will cover discussions of major administration policy.

State and local leaders and experts in various aspects of existing and proposed legislation will exchange viewpoints and assess the current status of domestic affairs with top cabinet officials accompanying the two secretaries.

Governor Brown will also host a similar conference in San Francisco on the same two days.

The Washington teams will divide up according to the subject matter to be covered, each spending one day in the north and another in the south of the state.

Nov. 20, sessions will be devoted to opportunities for cities and opportunities for senior citizens.

On Nov. 21 opportunities for youth and full employment and economic growth will be covered.

Participants will select one session on each day. Prominent local citizens, state and federal experts and sub-cabinet officials will lead discussions and evaluate the impact of proposed changes.

A conference office has been established in room 307 of the Los Angeles State Building, 217 First St.

Governor Brown has designated Bob Jeans as executive director of the Los Angeles conference.

He has formed program planning committees which

are meeting today to decide on the content of the separate sessions.

A regional sponsoring committee will be formed so as to provide representation from Southern California, Southern Nevada and Arizona.

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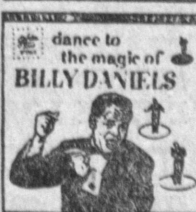
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