



62 Years Bring Changes as Seen From East School Roof

By BEN MAXWELL

About 1888 Johnson "the artist", prominent Salem photographer of those times, set up his view camera on the roof of the newly completed East school and made a view looking down Center street from the 12th street intersection.

Lately a contemporary photographer made a picture from the same position and approximately the same angle. A comparison of these pictures made 62 years apart reveals the development of this section of Salem during six decades.

Where Bergs market now stands in the Capitol Shopping Center a one-story dwelling stood in 1888. When the Southern Pacific, lessee of Oregon & California railroad right of way, bought an adjacent right of way through Salem in the early 1900s this structure was removed. Sixty years ago a gas lamp on a post illuminated this corner. Today, almost in the same location, powerful floodlights illuminate a Berg exit.

Governor Stephen Chadwick's home was standing on the northeast corner of Capitol and Center streets, when Johnson made his photograph. Today the Owl Drug store and Kress occupy this site.

Smoke in the recent view billows from a clearing under way for the new state highway office building. In the old view the

site was occupied by inconspicuous dwellings.

At Court and Summer streets in the 1880s stood the spacious mid-Victorian mansion built by E. N. Cooke, state treasurer in the late 1880s. In those times it was legally permissible for the state treasurer to loan state funds and collect the interest therefrom for his own usage.

Sixty years ago Salem had no paved streets, the telephone was just coming into vogue and electricity was used mostly for street lighting. Barns, woodsheds and outdoor toilets are conspicuous in the view of 1888. None is to be seen in the modern view.

Distinctly visible in the contemporary picture are automobiles largely responsible for the decentralization in Salem that stimulated suburban shopping centers.

Remaining on Salem's skyline over an interval of 60 years are three landmarks: the Methodist church steeple, the courthouse clock tower, and the cross on the Sacred Heart academy.



Beside Testimony—Nurses' instruction room at Permanente hospital in Oakland, Calif., becomes a court room as defense witness William Christensen, longshoreman under treatment for a spinal injury, testifies in the Harry Bridges perjury-conspiracy trial. Prosecutor F. Joseph Donohue (standing) questions the witness while Judge George B. Harris (lower left) and the jury (right) listen. Christensen testified that he drove Bridges to Stockton, Calif., the night of June 27, 1936, the approximate time two government witnesses placed Bridges at a communist party meeting in New York. (Acme Telephoto)

Seal Sale Reported
Hubbard—A final report on the sale of T. B. seals for Hubbard shows a total of \$190.25, as reported by Mrs. C. J. Friend, chairman.

Amity—Mr. and Mrs. F. D. Martin attended the Western Retail Lumbermen's association, at Multnomah hotel in Portland. The 1951 meeting will be at Spokane, Wash.

Greeks Found Method of Measuring Stars' Brightness

By J. HUGH PRUETT

Astronomer, Extension Division, Oregon Higher Education System

When St. Paul 1900 years ago wrote "For one star differs from another in glory," he was stating the principle classifying the stars according to their brightness.

But to the Greek astronomers Hipparchus (around 150 B. C.) and Ptolemy (A.D., 150) belongs the credit for introducing the present method of designating the apparent luminosity of stars. Ptolemy catalogued and graded almost all the naked-eye stars into six magnitudes. He listed the brightest 20 visible from Alexandria, Egypt, as first magnitude. At the other end of the scale, he rated as sixth magnitude the dimmest he could see on a clear, moonless night. (Let us call these 1m and 6m.) The stars of intermediate brightness he put in 2m, 3m, 4m and 5m. The dimmer, the larger the magnitude. The Big Dipper stars are mostly 2m.

After telescopes came into use 340 years ago, much fainter stars broke into view. Since a standard 1m star is about 100 times brighter than a 6m, it was decided to consider each magnitude about 2.5 times brighter than the one next dimmer, for 2.512 multiplied together five times gives 100. Thus a 1m is 2.5 times brighter than a 2m; a 2m, 2.5 times brighter than a 3m, etc. Since a few stars are much brighter than 1m, we now have to go on down to 0m and even minus values. Venus at its best is better than "minus 4m." The new 200-inch telescope shows stars (photographically) as dim as plus 23m, or around 6,000,000 times fainter than the faintest the unaided eye reveals.

But this system of apparent magnitudes does not give us any idea of the real luminosity of a star. One might appear dim if it is intrinsically faint and relatively near, or if quite bright but remote. Our sun, the nearest known star, ranks "minus 27m" because it is so close to us.

Astronomers have devised a system by which they rate stars according to their actual luminosity. This they call absolute magnitude. In imagination they place all stars of which they know the distance and apparent brightness at a location 32.6 light-years (a light-year is almost six trillion miles) from us and view them from there. All at this same distance, their relative brightness would be a correct measure of their actual luminosity.

At this distance our sun would

Woodburn PTA To Host Dads

By J. HUGH PRUETT

Woodburn—The January meeting of the Woodburn Parent-Teacher association was held at the high school with Norman F. Tyler presiding.

Plans were made to hold a cooked food sale on February 11 with Mrs. McKinley Henderson as chairman.

The next meeting, February 28, will be "Father's Night," and the committee in charge will be Kenneth Thompson, chairman; C. W. Kersten, Delbert Seely and McKinley Henderson. Husbands of the room mothers will serve refreshments.

The members tentatively agreed to sponsor two 4-H half scholarships for the summer school.

A dental health film "It's Your Health" was shown by Howard Pyfer of the county health department who also gave a talk on the "March of Dimes."

Refreshments were served by the fourth grade room mothers, Mrs. Delbert Seely, Mrs. Arthur M. Burt, Mrs. Homer Wadsworth, Mrs. Edward C. Coman and Mrs. Dean Bishoprick.

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Temple. He succeeds Charles Ruud.

Other officers elected were: Charles Murphy, senior councilor; Merle Henn, junior councilor; and Charles Ruud, scribe. Appointive officers will be announced later public installation will be held February 2.

Twenty boys were present at the meeting and the following members of the advisory board: David Cavett, Arthur M. Burt, C. H. Ahrens, Harlow C. Dixon, Earl C. Hosewart and Lester E. Keller.

Refreshments were served after the meeting by the Mother's Circle.

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Federal Payroll Cut by 8,600

Washington, Jan. 30 (AP)—Employment in the executive branch of the federal government dropped on Jan. 1 to the lowest point in almost eight years, the civil service commission said today.

The number of persons working in departments under the executive branch dropped to 1,979,500, including 151,700 stationed overseas. The total was 8,600 below the December level and the lowest since April, 1942.

The commission said that more than twice as many agencies reported lower employment in January than reported increases.

The post office department, with its thousands of mail carriers and other postal workers, still led the list with 535,800 workers, accounting for 27 per cent of the executive branch's total employment. The army department was second with 316,500; the navy next with 290,400, and the air force had 150,000 employees.

Brooks Garden Club Told About Begonias

Brooks—The Brooks Garden club met at the home of Mrs. Dollie Ramp for luncheon. Following the regular business meeting, Mr. Clark, from the D-Vista Gardens, 3225 D street, Salem, gave a talk on the culture of tuberous begonias, with slides. Also information regarding other types.

Those present were Mrs. Minnie Dunigan, Mrs. Elsie Westling, Mrs. Opal Rasmussen, Mrs. Bertha Johnson, Mrs. Grover Newman, Mrs. Bertha Morisky, Mrs. Eva Conn, Mrs. Cyril Walker and daughter Bonita, Mrs. Willa Vinyard, Mrs. Marie Bosch, Mrs. Nona Sidebottom, Mrs. Anna Dunlavy, and the hostess Mrs. Ramp.

The next meeting will be at the home of Mrs. Evelyn Jones.

Court Marion Holds Evening of Cards

Mt. Angel — Court Marion, Catholic Daughters of America, held a social meeting when 13 tables were in play at "500" and bridge. High score winners were Mrs. M. Simon and Mrs. Robert Fronk. Mrs. Victor Hoffer was given the special award.

Hostesses were Mrs. Ernest Crowder, chairman, Mrs. J. L. Wachter, Mrs. David Travis, Mrs. Charles Bochsler, Mrs. E. B. Stolle, Mrs. M. Deneke, Mrs. P. N. Smith, Mrs. Bernard Kirsch, Mrs. L. A. Zeis and Mrs. Henry Zollner.

Mrs. Colyer Honored

Amity—Orville A. Colyer invited a few friends to their home to honor Mrs. Colyer with a surprise birthday party. Attending were Mr. and Mrs. Elmer Engelland, Mr. and Mrs. H. N. Wilcox, Mr. and Mrs. Don Fuller, Mr. and Mrs. Bernard Kista, Mr. and Mrs. Van K. Lawson, and Walter, Mrs. Claire Glover. Games, gifts and refreshments featured the event.

Looking Down Center Street in 1888 and 1950—View made by Johnson "the artist" from the roof of the newly completed East Salem school 62 years ago. Barns, woodsheds and outdoor toilets are vanished landmarks of a district now becoming a commercial and civic development. Six decades brought this change: Capitol shopping center, paved streets and automobiles now occupy the area photographed by Johnson "the artist" in 1888. Only the Methodist church spire, courthouse clock tower and the cross on Sacred Heart academy remain as landmarks on the skyline.

Jefferson Church Host to Convention

Jefferson—The district Sunday school convention was held in the Marion Friends church Sunday afternoon at 2:30 p.m. The opening song service was in charge of Rev. Elvin Fast of the Scio Baptist church, prayer period by Eldon Turnidge, special number by Marion Friends church and roll call by Mrs. Harold Grate.

Ed Holland of Scio directed "Young Peoples Time." Special numbers were by the Jefferson Evangelical United Brethren church. The children held classes after which the convention address was given by Rev. James Neely of the First Baptist church of Albany, who had as his subject "China's Orphans Need Christ." The offering taken will be sent to the China Inland Mission Orphanage, Shanghai.

The sea slug defends itself by casting its gelatine-like insides at its foes, growing a new set.

Young Matrons Club Guest at Monmouth

Monmouth—The Young Matrons club met with Mrs. Lester Green with Mrs. Lillie Westfall assisting. Members present answered roll call with a "Busy day meal." Refreshments were served to the following members: Mrs. Van Crider, Mrs. Betty Carothers, Mrs. Paulsen, Mrs. O. L. Jacobson, Mrs. Ralph Wingegar, Mrs. Charles Barry, Mrs. Robert Baker, Mrs. Earl Guenther, Mrs. Joe Smiley, Mrs. Bud Yung and Mrs. John Sparks.

Garden Club Elects

Jefferson—At the meeting of the Jefferson "Friendly Garden Club" Alfred Powell was unanimously re-elected president; Mrs. George Mills, vice president; Mrs. Charles Sarver, secretary, and Mrs. Helen Caywood, treasurer. The club voted to give \$10 toward the polo fund. It was also decided to hold a plant and bulb exchange at the February meeting. Refreshments were served by Mrs. Guy Roland, Mrs. Earl Lynes, Mr. and Mrs. Les Shields.



Tells of Burglary—Columnist and nightclub owner Billy Rose (left), tells reporters in New York burglars looted his apartment of \$100,000 in gems and furs. The burglars carried off a safe too. Rose also stated the loss would have been much greater but his wife, the former Eleanor Holm, one-time swim star, wore much of her jewelry to a play premiere. (AP Wirephoto)

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