

The BOWLERS ALLEY

By DARLENE AND BILL TOPE

Medford Woman's Bowling association has asked all league secretaries to post a duplicate standing sheet with the usual one before Jan. 1. The information will be used in connection with the city tournament.

ANDY'S MIXED LEAGUE

Andy's Mixed League had some fancy bowling done by Riley Applegate while subbing on the Four D's team. He rolled 257 high game for the league and a 642 series. Nearing the end of the first half team standings are Creepers 45½, Eagle Eyes 38, Eight Balls 33½, Jets 31, Rough Necks 30, Handicappers 28½, Sleepers 28, Sharpies 27½, Four-Gel-Me-Not 23, Cotton Pickers 21, Fearless Four 20 and the Four D's 16. Top game for a regular member was 195 by Shy Callaghan. His 572 was best series. Jake Olsen had a 194-546 and Bob Tuttle a 194-533. Lorraine Hall carded best scores for ladies, 179-500. Edith Tuttle was second, 167-463.

RAMBLING ROLLERS

In the Thursday night triples league, the Rambling Rollers, Nyla Gross took top honors in all divisions with a 211 game scratch, 231 with handicap, 543 series scratch and 603 with handicap.

TRIANGLE LEAGUE

High team scratch game in the Triangle league was chalked up by Oregon Food, 530, and Faber's Market had best team series, 1532. Don Faber rolled best game 230, and Dick Morgan best series, 560.

ROLLERETTE LEAGUE

Rollerette league is in its 16th week. Coni Applegate had top game a 179 and Doris Padcliff top series a 464. Brown's cafe leads with 36½ wins followed by Faber's Super market with 32, Jackson County Co-op 31 and Bate-man Insurance 28½.

NIGHT HAWKS LEAGUE

Top honors in Night Hawks league went to Wes Fowler and Walt McKee with 214 games. Jim Blaylock for a 613 series and Don Landings 559 scratch series. League leaders are Piggly Wiggly One 14, McLaughlin Plumbing & Heating 13, Hart's Hatchery 10½, McCulloch Chain Saw 9, Piggly Wiggly Two 9, Bohemian Club 9, Triangle Market 8, Kachina Lodge 7, Reserve Officers association 6, Hashbarger Lath-ers 3½ and KDOV 3.

STARFIRE LEAGUE

In Starfire league Rogue Valley Vending, Weeks & Orr, Ken Hughes Construction and Jeddell Brothers each won four points. With 0 were Olson Ross, Jackson County Co-op, Rogue River Wood Products and Pinnacle Orchards. Standard Oil and Ron's Standard won 3 each. Tex Nash and Larry's Lineup each took 1. Men with top series for their teams were: Doug Baker 517, Alvin Coulter 453, Ray Adams 524, Paul Bray 492, Jerry Jeddell 549, Ben Darras 467, Sam Coulton 560, Don Turner 542, Gene Orr 626, Russ Mancell 552, Ralph Davis 482 and Frank Martin 500. Gene Orr had top game, 243.

PACIFIC LEAGUE

Linger's Concrete Pipe won 4 points in the Pacific league from Sure Fit Seat Covers. With 3 wins each were Patterson Plumbing, Rogue Valley Country Club, Ping's, and Copeland Lumber. Adding 1 each were Wen's Alignment, Korner Farm, Smith Sales & Service and Rogue Vending. Best series for each team were by Roland Washburn 414, Virgil Goff 493, Johnnie Truly 503, Ralph Davis 495, Milt Sanderson 471, Bill Hall 493, S. Brown 503, Don Stoner 502, and George Roberts 544.

LADY ELKS TWO

Lady Elks Two first half ends Jan. 10. Standings show the Tornados 36½, Lois Stephensen 476, Wapitis 35, Evelyn Read 592, Antlers 34, Dorit Snedden 424, Stags 33, Esther Miller 496, Merry Mad-cops 30½, Jean Phillips 409, Doozies 25, Polly Anderson 481, Evelyn Read had best game, 246.

RAINBOW LEAGUE

Weekly trophy winner in Rainbow league was Ike Einstein. First spot is held jointly by Hoot Owl Logging, United States National Bank and Local Loan, all with 14 wins. Rogue Valley Creditors have 12, Steve Wilson and Carolina Pacific 10, State Forest Patrol, Harry & David and Morse Motors 8, Knights of Columbus 8, Crater Lake Machinery Two 7, and Crater Lake Machinery One 4. These men rolled best series for their teams: Frank Horton 495, Shirel Doty 516, Ike Einstein 596, Chuck Heffner 494, Bill Uhrine 549, Gordon Layton 497, Otto Wirth 498, Clarence Byrd 457, Gary Col-

Hockey

United Press International NATIONAL LEAGUE

"Hustle, hustle, hustle." That's all it takes to win in the National Hockey league, according to Detroit Coach Sid Abel, and who has more right to make that statement today than Abel?

Trailing three goals to one with less than six minutes to play Wednesday night, the Red Wings rallied for three goals within a 41 second span for a 4-3 victory over the New York Rangers.

The victory enabled the third-place Red Wings to close to within four points of the second-place Toronto Maple Leafs, beaten, 4-1, by the league-leading Montreal Canadiens. Montreal now owns a seven-point lead.

The fourth-place Black Hawks remained two points behind the Red Wings by nipping the last-place Boston Bruins, 4-3.

AMERICAN LEAGUE

United Press International At the rate he's going, Bill Sweeney of the Springfield Indians should easily break the American Hockey league's all-time point-scoring record set last season by Freddie Glover.

Sweeney scored a goal and three assists Wednesday night as the Indians whipped the Providence Reds, 6-3, and he boosted his total to 55 points for 35 games.

The victory widened the Indians' league lead to 14 points over the idle Barons. In other AHL games, the Buffalo Bisons edged the Hershey Bears, 4-3, and the Quebec Aces moved to within one point of second place by beating the Rochester Americans, 4-3.

Prep Basketball

WEDNESDAY GAME
Mark Morris (Longview) 57, Scappoose 54.

ton 497, Tom Griffiths 471, Roy Bratten 509, Maury Tuttle 454.

ROXY ANN LEAGUE

Roxy Ann league is starting its second half. With 4 wins each are Gilkinson's, Royal Crown, Beneficial Standard Life, Reliable Cleaners and Baker Moulding. Consolidated Van Lines and Medply have 3, Graham Electric, and Hopkins Richfield 1. With 0 are ONC, Harrison Electric, Gro-ceteria, Pacific Motor Truck and Larry's Richfield. High games scratch were by A. Burghardt, 237, M. Peterson, 221, and Art Baker, 214. Best series were A. Burghardt, 626, C. Wolff, 609, D. Atkins, 609 and M. Peterson, 608.

Weather Bureau Issues Information on Barometers; Favorite Christmas Present

Since the aneroid barometer is a favorite Christmas gift, the weather bureau has issued some basic information to answer the many inquiries from new barometer owners wanting to know how to operate the instruments properly.

Essentially, there are two types of barometers—the aneroid and the mercurial. Most of the commercially-available barometers are of the first type because of its size, portability, and rugged design.

A barometer measures at-

mospheric pressure; that is, the weight of the atmosphere overlying a unit horizontal area. It records this pressure in terms of inches of mercury, in the English system, derived from the mercurial-type barometer.

Sealed At One End
The mercurial instrument is a glass tube a little over 30 inches long, sealed at one end and filled with mercury. When the open end is placed in an uncovered cup of mercury, the mercury level in the tube falls until its weight is

balanced by the air pressure on the surface of the cup.

For example, sea level pressure will read an average of 30 inches—the height of the column of mercury in the glass tube. At 3,000 feet above sea level, the mercury drops to about 27 inches, indicating less atmospheric pressure on the surface of the mercury in the cup.

More common to homeowners is the aneroid barometer seen in a variety of cases and mountings. A small, bellows-like metal chamber is sealed

after most of the air inside has been evacuated. This air-tight chamber reacts to the rise or fall of outside pressure by contracting or expanding. The needle is linked to one side of the metallic bellows, and the needle moves as the bellows contract or expand.

The dial of the barometer is graduated to correspond to the range of inches of mercury in the tube of a mercurial barometer; thus, if the needle points to 30, this means that atmospheric pressure is about normal sea level pressure. Readings below 30 indicate less than normal sea level pressure.

Receive Correct Readings

To adjust a barometer to receive correct readings, first read packaging instructions carefully; then, adjust the needle so that readings will

generally agree with the pressure values given by radio and television weathercasters, the weather bureau advised.

A barometer measures atmospheric pressure, rather than indicate the character of the weather or forecast the weather. Barometer readings, however, can be useful in making short-range weather predictions if taken at suitable daily intervals, and considered in conjunction with other factors—clouds, winds, and temperature.

When the pressure is less than the pressure in a surrounding area, it is generally occupied by a low-pressure system. In such a system, winds circulate in a counter-clockwise direction and tend to flow spirally toward the center. The passage of a low-pressure system is usually attended by inclement weather, cloudiness, and other conditions of a stormy nature, such as shifting winds.

Accordingly, when the pressure is greater than the pressure in a surrounding area, the region is generally occupied by a high-pressure system in which the winds circulate clockwise and flow spirally outward from the center. This usually brings

fair weather, although on its periphery there may be some cloudiness or precipitation. In the summer, hot humid conditions can manifest local disturbances such as showers or thunderstorms.

Signals Approach
A rapid and relatively large drop in atmospheric pressure signals the approach of a low-pressure system. The opposite indicates the approach of a high-pressure system.

A trough of low pressure is often associated with a cold front, along which a mass of relatively cold air is advancing like a wedge and pushing against a receding mass of warmer, more moist air. In this event, the wind will shift, and pressure will fall as the trough approaches and will rise as it moves away.

Often the advance of the cooler air which attends the passage of a cold front brings with it shower-type precipitation and a temperature drop.

When a mass of relatively warm air advances against a wedge of cold air, it constitutes a warm front. The passage of this front is generally accompanied by a temperature rise, and changes in air pressure, wind, and cloudiness.



CLASSES TO START—Among the adult education classes that will begin the week of Jan. 3 at Medford schools will be a class in intermediate electric typing. Instructor for the class will be Louis Mahar, who is shown above with student Mrs. Alyce Barber at one of the machines. Other classes in the business education courses will be brief-hand, business machines, shorthand and bookkeeping. The classes will be held for a 10-week period and registration will take place at the first class meeting.

NATS ACQUIRE KUTYNA

Washington—UPI—The Washington Senators picked up relief pitcher Marty Kutyna from the Kansas City Athletics today in exchange for catcher Haywood Sullivan. A spokesman for the Washington club said that in addition to the 28-year-old Kutyna, Kansas City will pay an unspecified amount of cash for the 30-year-old Sullivan.

Self-Conscious Snakes Should Be Avoided

London—UPI—Tourists to the British colony of Sarawak in Borneo are advised in a colonial information leaflet not to scare snakes. "Stand aside politely," the leaflet urges, "and give the snake a chance to move away. Do not stare or point. Snakes do not like that."

SYNDICATE EDITOR DIES

New York—UPI—Kathleen Caesar, 65, feature editor of the Bell Syndicate, died Wednesday.

FIRM CHAIRMAN DIES

Englewood, N. J.—UPI—George H. Coppers, 58, chairman of the National Biscuit Co., died Wednesday.

Hope Returns From Tour of Caribbean

Hollywood—UPI—Bob Hope returned from the Caribbean area Wednesday where he had spent his 20th Christmas entertaining U.S. servicemen. "Our reception was wonderful," said the comedian. "The boys especially liked the girls with us."

Hope's entourage included Janis Paige, Zsa Zsa Gabor and Anita Bryant as well as Andy Williams, Jerry Colonna and Les Brown and his band.

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