MEDFURD MAIL IRIDURE, MEDFURD, ORDINOR, THURSDAY, DIRIVER 62, 20.

The table and instructions given til opposite 61 degrees; the figures below are for those who may wish to 44 degrees are found and this is the make their own psychrometers, and temperature of the dew point. This with which they may be able to de- example is taken from the actual readings taken March 30, at 7 p. m. termine de cociat temperatures.

TABLE FOR DETERMINING THE TEMPERATURE OF THE DEW POINT. Dew-point temperature when difference Letween wet-bulb and

	dry-bulb thermometers is-														
DRY-BULB	-	1 10	100	1 44	1 101	0	-3	00	w	10	11	12	52 52	12	
THERMOM	-	10	Đ	5	0	D	Deg	- D	Deg.					10000	
ETER.	Deg	Deg.	Deg.	Deg.	Deg.	Deg	员	Deg.		Deg.	Deg.	Dog.	Deg	Deg.	1
Deg. F.	***	12	70	12	19	19	. 7	13	.70	100	7	17	7	.79	
35	33	30	28	25	22	18	14	8	. 1	*8	*28				
36	34	31	29	26	- 23	20	15	11	_ 4	*4	*19				Н
37	35	32	30	27	24	21	17	13	7	*1	*12	*44			L
38	36	33	31	28	26	23	19	14	9	3	*7	*25			Г
39	37	34	32	29	2.7	24	21	16	12	6	*3			г.	
40	38	35	33	31	28	25	22	18	14	8	1		*35		1
-41	39	37	34	32	29	26	23	20	16	11	4	*5			
42	40	38	35	33	30	28	25	21	17	13	7	*1		*59	
43	41	39	36	34	31	29	26	23	19	15	10	3	*7	*28	
44	42	40	38	35	32	30	27	24	21	17	12	6	**	*17	
45	43	41	39	36	34	31	29	26	22	19	14	8	2	*9	
46	44	42	40	37	35	32	3.0	27	24	29	16	11	5	*4	
47	45	43	41	39	36	34	31	28	25	22		13	8	0	*1
48	46	44	42	40	37	35	32	2.0	27	23	20	15	10	- 4	
49	47	45	43	41	39	36	34	31	28	25	21	17	13	7	
50	48	46	44	42	40	37	35	3.2	2.9	27	23	19	15	9	
51	49	47	45	43	41	39	36	34	31	28	25	21	17	12	1
52	50	48	46	44	42	40	37	35	32	29	36	23	19	14	
53	51	49	47	45	43	41	39	36	34	31	28	24	21	16	1
54	52	50	49	47	44	4.2	40	38	35	32	29	26	23	19	1
55	53	52	50	48	46	43	41	39	36	34	31	28	24	21	1
56	54	53	51	49	47	45	43	40	38	35	32	29	26	23	1
57	55	54	52	50	48	46	4.4	42	39	36	34	31	28	24	2
58	56	5.5	53	51	49	47	45	43	40	38	35	32	29	26	2
59	57	56	54	52	50	48	46	44	42	39	37	34	31	28	2
60	58	57	55	53	51	49	47	45	43	41	38	35	32	29	2
61	59	58	56	54	52	51	49	46	4.4	42	39	37	34	31	2
<62	60	59	57	55	54	52	50	48	4.6	43	41	38	35	32	3
163	61	60	58	56	55	53	51	49	47	45	42	40	37	34	3
64	62	61	59	58	56	54	52	40	48	46	44	41	38	36	3
65	63	62	60	59	57	55	53	51	49	47	45	43	40	37	3
66	64	63	61	6.0	58	56	54	53	51	48	46	44	42	39	3
67	65	64	62	61	59	57	56	54	52	50	48	45	43	40	3
68	67	6.5	63	62	60	58	57	55	53	51	49	47	44	42	3
69	68	66	64	63	61	60	58	56	54	52	50	48	4.6	43	4
70	69	67	66	64	62	61	59	5.7	55	53	51	49	47	45	4

connection with a psychrometer. This can be no frost within the next 12 Instrument is nade of wo Fahren- hours under normal conditions. Anhelt thermometers fixed together by other example: Dry-bulb thermometer riveling or wiring the frames back reads 49 degrees; wet-bulb reads 41 to back. Two fairly good thermome- degrees; the difference is 8 degrees. ters, which bould read exactly alike From the table we find that the dew at all temperatures should be used. point is 31 degrees. In this case the The but and scale of one of the ther- dew point is low and a heavy frost is WORD IS WANTED FROM momenters this id be purhed down- indicated. This example is taken ward through the frame so as to pro- from the actual readings on March 24, trude an in:h or so, and both should at 6 p. m. It will be remembered that be then fastene to the frames so as the temperature reached 27 degrees tioned in Portland, is making inquirnot to slide on when the instrument on the following morning. As a rule, not to slide out when the instrument the temperature that may be exbe covered with thin linen cloth which pected before morning is 3 or 4 deshould be frequently renewed. A grees lower . n the dew point readheavy string or leather thong about ing taken the previous evening. In the since December, 1908, and at that relief. Sixty days' treatment in each 18 inches long should be tied to the last example subtracting 4 from 31 time worked for Tom Lang at bottle, Medford Pharmacy. rings at the upper end of the instru- degrees leaves 27 degrees. Of course ments. This string or thong serves it must be understood that if the wind as a means with which to whiri the continues to blow briskly or if clouds psychrometer. To use the instrument cover the sky, a low dew point in the wet the linen-covered bulb with clean early evening would not indicate water and whirl the instrument rap- frost under these conditions. The mily so as to produce rapid evapora- psychrometer is an indicator of possition from the wetted bulb. The ble temperatures when the sky rewhirling should be continued until mains clear and the wind does not the mercury in the cloth-covered bulb blow. Before relying on this instruis brought as low as possible. Then ment, some knowledge of possible read the two thermometers, and sub- weather conditions should be obtained tract the reading of the wet bulb from the nearest United States weathfrom the reading of the dry bulb. er bureau station. Note in the first column the temperature of the dry bulb thermometer, Assistant Pathologist U. S. Dept, of and follow out along the head of the Agriculture. table until the difference between the MISS GERDA NELSON IS wet bulb and dry bulb is found. Then Two down the column at which this difference is found until opposite the The secrecy which hedged the identdry-bulb temperature first noted: this ity of the leading woman in St. Elmo Figure is the new point sought. Ex- which is now playing in Portland. ample: Dry-bulb thermometer reads Oregon, under the name of Miss Ger--81 degrees; wet-bulb reads 52 de- da Nelson, was solved today when it grees; the difference is 9 degrees. was learned that she is none other New go to the first column at the than Mrs. Gerda Wismer Hoffman, left to 61 degrees; then go to the a San Francisco society woman, and head of the table to 9 degrees, run the wife of William Frederick Hoffdown the column under 9 degrees un- man, a composer of music.

-Below zero.

The above table is to be used in | This high dew point shows that there

P. J. O'GARA.

WIFE OF SAN FRANCISCAN

SAN FRANCISCO, March 30.





Bonita. The beautiful star of "Wine, Women and Song."

star of the merry musical comedy, going home, tired from their day's When the fans crowd around first "Wine, Woman and Song." has a work, and none got up to offer a base and threaten the coacher like hobby for riding in the streetears, seat to the lady with the bundles, they did that day, I don't see where Being a close observer, Bonita has The conductor had pulled the rope, heard and seen a great deal of both signaling the car to start, when she serious and humorous "pay-as-you- commanded that he "wait a minute." enter-humanity." The following is Casting a scornful glance of disdain Bonita's latest addition to her "six- at the men who were seated and in for-a-quarter" collection. This a north pole voice she remarked: "If happened in Akron, O. A lady had there isn't a gentleman in the car

been shopping about town and when willing to give a lady a seat Ill get she boarded a car from home she off." She got off. carried in her hands and arms bun- Bonita this season is supported by dles of all shapes and sizes. The car a company of over 50 people, a large was crowded almost to its standing and beautiful chorus, an extra added capacity and because of the bundles pony ballet. This well-known mu- but he wants another chance at the she carried it was impossible for her sical comedy organization will be the spiking gentleman. to reach and hang on to the strap, offering at the opera house on Fri-Seated in the car among the passen- day evening, April 1

ROBERT OLE HAGEN fall for Medford

The vice-consul of Norway, staies for a Norwegian boy named Robert Ole Hagen, who is about 24 years

Medford, Oregon: This certifies that we have sold Hall's Texas Wonter for the cure of all kidney, bladter and rheumatic troubles for ten years, and have never had a comof age. He has not been heard from plaint. It gives quick and permanent kinds. Broken lenses duplicated. In-

OREGON OBSERVER ROASTS HIS UMPS.

Played the Game-Some Other Features Not Before Mentioned.

(BY JAMES D. FAY.)

The Grants Pass Observer roasts Dotson, the umpire at last Sunday's game and also Isanes for getting hi

The umpire was perfectly fair as he saw the game. His judgment might have been off a little in some cases, but there was no partiality. One side got it just as had as the

Isaacs was hit quite frequently. but with one exception he was within the lines of the batter's box wher struck by the ball. There is no rule in baseball that requires a batsman to step out of the box to avoid being hit. Most of them do, however, but a batsman can take the hit without violating the rules of the game, and it is playing the game, at that. The idea is to get on the first bag by walking, being hit or slamming the hall. A man has no right to step in the way of a ball, but most of the time Sunday the Medford boys were stepping out of the way of Osborne's wild heaves. He hit Isanes three times, Blackington twice, Strain twice and Henselman once. It was very unfortunate that Grants Pass Bonita, the famous beauty and gers were a number of young men the rooters failed to do their share. they have any kind of a roar coming when we outplay them at every

Two of the Medford players were deliberately interfered with, and one of them was hurt by the Grants Pass third-baseman, and Medford's firstbaseman was spiked, causing him to drop the ball. It will be remembered that Wheeler and Dillon of Los Augeles tried that game on Olson last season and failed. Hill is young,

I do not believe that the Observer Pass or of the ball team. The Klamath agency, and left there last Grants Pass sports are usually on the square and always accept defeat with equanimity.

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I do not believe that the Observer reflects the sentiment of Grants Harry Moon Germantown, Calif.

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