

Daily Astorian.

JOHN T. LIGHTER, Editor.

Telephone No. 18.

TERMS OF SUBSCRIPTION.

DAILY.

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 Sent by mail, per month, \$1.00
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SEMI-WEEKLY.

Sent by mail, per year, in advance, \$5.00
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The Astorian guarantees to its advertisers the largest circulation of any newspaper published on the Columbia river.

Advertising rates can be seen on application to the business manager.

TIDE TABLE—May, 1899.

DATE	HIGH WATER		LOW WATER	
	A. M.	P. M.	A. M.	P. M.
Mon	4:47	5:57	11:29	11:46
Tue	5:30	6:40	12:00	12:17
Wed	6:13	7:23	12:31	12:48
Thu	6:56	8:06	1:02	1:19
Fri	7:39	8:49	1:33	1:50
Sat	8:22	9:32	2:04	2:21
Sun	9:05	10:15	2:35	2:52
Mon	9:48	10:58	3:06	3:23
Tue	10:31	11:41	3:37	3:54
Wed	11:14	12:24	4:08	4:25
Thu	11:57	13:07	4:39	4:56
Fri	12:40	13:50	5:10	5:27
Sat	1:23	14:33	5:41	5:58
Sun	2:06	15:16	6:12	6:29
Mon	2:49	15:59	6:43	7:00
Tue	3:32	16:42	7:14	7:31
Wed	4:15	17:25	7:45	8:02
Thu	4:58	18:08	8:16	8:33
Fri	5:41	18:51	8:47	9:04
Sat	6:24	19:34	9:18	9:35
Sun	7:07	20:17	9:49	10:06
Mon	7:50	21:00	10:20	10:37
Tue	8:33	21:43	10:51	11:08
Wed	9:16	22:26	11:22	11:39
Thu	9:59	23:09	11:53	12:10
Fri	10:42	23:52	12:24	12:41
Sat	11:25	24:35	12:55	1:12
Sun	12:08	25:18	1:26	1:43
Mon	12:51	26:01	1:57	2:14
Tue	1:34	26:44	2:28	2:45
Wed	2:17	27:27	2:59	3:16
Thu	3:00	28:10	3:30	3:47
Fri	3:43	28:53	4:01	4:18
Sat	4:26	29:36	4:32	4:49
Sun	5:09	30:19	5:03	5:20
Mon	5:52	31:02	5:34	5:51
Tue	6:35	31:45	6:05	6:22
Wed	7:18	32:28	6:36	6:53
Thu	8:01	33:11	7:07	7:24
Fri	8:44	33:54	7:38	7:55
Sat	9:27	34:37	8:09	8:26
Sun	10:10	35:20	8:40	8:57
Mon	10:53	36:03	9:11	9:28
Tue	11:36	36:46	9:42	9:59
Wed	12:19	37:29	10:13	10:30
Thu	1:02	38:12	10:44	11:01
Fri	1:45	38:55	11:15	11:32
Sat	2:28	39:38	11:46	12:03
Sun	3:11	40:21	12:17	12:34
Mon	3:54	41:04	12:48	13:05
Tue	4:37	41:47	1:19	13:36
Wed	5:20	42:30	1:50	14:07
Thu	6:03	43:13	2:21	14:38
Fri	6:46	43:56	2:52	15:09
Sat	7:29	44:39	3:23	15:40
Sun	8:12	45:22	3:54	16:11
Mon	8:55	46:05	4:25	16:42
Tue	9:38	46:48	4:56	17:13
Wed	10:21	47:31	5:27	17:44
Thu	11:04	48:14	5:58	18:15
Fri	11:47	48:97	6:29	18:46
Sat	12:30	48:80	7:00	19:17
Sun	1:13	49:63	7:31	19:48
Mon	1:56	50:46	8:02	20:19
Tue	2:39	51:29	8:33	20:50
Wed	3:22	52:12	9:04	21:21
Thu	4:05	52:95	9:35	21:52
Fri	4:48	53:78	10:06	22:23
Sat	5:31	54:61	10:37	22:54
Sun	6:14	55:44	11:08	23:25
Mon	6:57	56:27	11:39	23:56
Tue	7:40	57:10	12:10	00:27
Wed	8:23	57:93	12:41	00:58
Thu	9:06	58:76	1:12	01:29
Fri	9:49	59:59	1:43	02:00
Sat	10:32	60:42	2:14	02:31
Sun	11:15	61:25	2:45	03:02
Mon	11:58	62:08	3:16	03:33
Tue	12:41	62:91	3:47	04:04
Wed	1:24	63:74	4:18	04:35
Thu	2:07	64:57	4:49	05:06
Fri	2:50	65:40	5:20	05:37
Sat	3:33	66:23	5:51	06:08
Sun	4:16	67:06	6:22	06:39
Mon	4:59	67:89	6:53	07:10
Tue	5:42	68:72	7:24	07:41
Wed	6:25	69:55	7:55	08:12
Thu	7:08	70:38	8:26	08:43
Fri	7:51	71:21	8:57	09:14
Sat	8:34	72:04	9:28	09:45
Sun	9:17	72:87	9:59	10:16
Mon	10:00	73:70	10:30	10:47
Tue	10:43	74:53	11:01	11:18
Wed	11:26	75:36	11:32	11:49
Thu	12:09	76:19	12:03	12:20
Fri	12:52	77:02	12:34	12:51
Sat	1:35	77:85	13:05	13:22
Sun	2:18	78:68	13:36	13:53
Mon	3:01	79:51	14:07	14:24
Tue	3:44	80:34	14:38	14:55
Wed	4:27	81:17	15:09	15:26
Thu	5:10	82:00	15:40	15:57
Fri	5:53	82:83	16:11	16:28
Sat	6:36	83:66	16:42	16:59
Sun	7:19	84:49	17:13	17:30
Mon	8:02	85:32	17:44	18:01
Tue	8:45	86:15	18:15	18:32
Wed	9:28	86:98	18:46	19:03
Thu	10:11	87:81	19:17	19:34
Fri	10:54	88:64	19:48	20:05
Sat	11:37	89:47	20:19	20:36
Sun	12:20	90:30	20:50	21:07
Mon	1:03	91:13	21:21	21:38
Tue	1:46	91:96	21:52	22:09
Wed	2:29	92:79	22:23	22:40
Thu	3:12	93:62	22:54	23:11
Fri	3:55	94:45	23:25	23:42
Sat	4:38	95:28	23:56	00:13
Sun	5:21	96:11	00:27	00:44
Mon	6:04	96:94	00:58	01:15
Tue	6:47	97:77	01:29	01:46
Wed	7:30	98:60	02:00	02:17
Thu	8:13	99:43	02:31	02:48
Fri	8:56	100:26	03:02	03:19
Sat	9:39	101:09	03:33	03:50
Sun	10:22	101:92	04:04	04:21
Mon	11:05	102:75	04:35	04:52
Tue	11:48	103:58	05:06	05:23
Wed	12:31	104:41	05:37	05:54
Thu	1:14	105:24	06:08	06:25
Fri	1:57	106:07	06:39	06:56
Sat	2:40	106:90	07:10	07:27
Sun	3:23	107:73	07:41	07:58
Mon	4:06	108:56	08:12	08:29
Tue	4:49	109:39	08:43	09:00
Wed	5:32	110:22	09:14	09:31
Thu	6:15	111:05	09:45	10:02
Fri	6:58	111:88	10:16	10:33
Sat	7:41	112:71	10:47	11:04
Sun	8:24	113:54	11:18	11:35
Mon	9:07	114:37	11:49	12:06
Tue	9:50	115:20	12:20	12:37
Wed	10:33	116:03	12:51	13:08
Thu	11:16	116:86	13:22	13:39
Fri	11:59	117:69	13:53	14:10
Sat	12:42	118:52	14:24	14:41
Sun	1:25	119:35	14:55	15:12
Mon	2:08	120:18	15:26	15:43
Tue	2:51	121:01	15:57	16:14
Wed	3:34	121:84	16:28	16:45
Thu	4:17	122:67	16:59	17:16
Fri	5:00	123:50	17:30	17:47
Sat	5:43	124:33	18:01	18:18
Sun	6:26	125:16	18:32	18:49
Mon	7:09	125:99	19:03	19:20
Tue	7:52	126:82	19:34	19:51
Wed	8:35	127:65	20:05	20:22
Thu	9:18	128:48	20:36	20:53
Fri	10:01	129:31	21:07	21:24
Sat	10:44	130:14	21:38	21:55
Sun	11:27	130:97	22:09	22:26
Mon	12:10	131:80	22:40	22:57
Tue	12:53	132:63	23:11	23:28
Wed	1:36	133:46	23:42	23:59
Thu	2:19	134:29	00:20	00:30
Fri	3:02	135:12	00:51	01:02
Sat	3:45	135:95	01:22	01:33
Sun	4:28	136:78	01:53	02:04
Mon	5:11	137:61	02:24	02:35
Tue	5:54	138:44	02:55	03:06
Wed	6:37	139:27	03:26	03:37
Thu	7:20	140:10	03:57	04:08
Fri	8:03	140:93	04:28	04:39
Sat	8:46	141:76	04:59	05:10
Sun	9:29	142:59	05:30	05:41
Mon	10:12	143:42	06:01	06:12
Tue	10:55	144:25	06:32	06:43
Wed	11:38	145:08	07:03	07:14
Thu	12:21	145:91	07:34	07:45
Fri	1:04	146:74	08:05	08:16
Sat	1:47	147:57	08:36	08:47
Sun	2:30	148:40	09:07	09:18
Mon	3:13	149:23	09:38	09:49
Tue	3:56	150:06	10:09	10:20
Wed	4:39	150:89	10:40	10:51
Thu	5:22	151:72	11:11	11:22
Fri	6:05	152:55	11:42	11:53
Sat	6:48	153:38	12:13	12:24
Sun	7:31	154:21	12:44	12:55
Mon	8:14	155:04	13:15	13:26
Tue	8:57	155:87	13:46	13:57
Wed	9:40	156:70	14:17	14:28
Thu	10:23	157:53	14:48	14:59
Fri	11:06	158:36	15:19	15:30
Sat	11:49	159:19	15:50	16:01
Sun	12:32	160:02	16:21	16:32
Mon	1:15	160:85	16:52	17:03
Tue	1:58	161:68	17:23	17:34
Wed	2:41	162:51	17:54	18:05
Thu	3:24	163:34	18:25	18:36
Fri	4:07	164:17	18:56	19:07
Sat	4:50	165:00	19:27	19:38
Sun	5:33	165:83	19:58	20:09
Mon	6:16	166:66	20:29	20:40
Tue	6:59	167:49	21:00	21:11
Wed	7:42	168:32	21:31	21:42
Thu	8:25	169:15	22:02	22:13
Fri	9:08	170:00	22:33	22:44
Sat	9:51	170:83	23:04	23:15
Sun	10:34	171:66	23:35	23:46
Mon	11:17	172:49	00:06	00:17
Tue	12:00	173:32	00:37	00:48
Wed	12:43	174:15	01:08	01:19
Thu	1:26	174:98	01:39	01:50
Fri	2:09	175:81	02:10	02:21
Sat	2:52	176:64	02:41	02:52
Sun	3:35	177:47	03:12	03:23
Mon	4:18	178:30	03:43	03:54
Tue	5:01	179:13	04:14	04:25
Wed	5:44	180:00	04:45	04:56
Thu	6:27	180:83	05:16	05:27
Fri	7:10	181:66	05:47	05:58
Sat	7:53	182:49	06:18	06:29
Sun	8:36	183:32	06:49	07:00
Mon	9:19	184:15	07:20	07:31
Tue	10:02	184:98	07:51	08:02
Wed	10:45	185:81	08:22	