Polar Alignment chart for January
version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	1/2	1/8	1/14	1/21	1/28	Std_Time
16:00	40	39	38	36	35	16:00
16:24	39	38	37	35	34	16:24
16:48	38	37	36	34	33	16:48
17:12	37	36	35	33	32	17:12
17:36	36	35	34	32	31	17:36
18:00	35	34	33	31	30	18:00
18:24	34	33	32	30	29	18:24
18:48	33	32	31	29	28	18:48
19:12	32	31	30	28	27	19:12
19:36	31	30	29	27	26	19:36
20:00	30	29	28	26	25	20:00
20:24	29	28	27	25	24	20:24
20:48	28	27	26	24	23	20:48
21:12	27	26	25	23	22	21:12
21:36	26	25	24	22	21	21:36
22:00	25	24	23	21	20	22:00
22:24	24	23	22	20	19	22:24
22:48	23	22	21	20	18	22:48
23:12	22	21	20	19	17	23:12
23:36	21	20	19	18	16	23:36
24:00	20	19	18	17	15	24:00
00:24	19	18	17	16	14	00:24
00:48	18	17	16	15	13	00:48
01:12	17	16	15	14	12	01:12
01:36	16	15	14	13	11	01:36
02:00	15	14	13	12	10	02:00
02:24	14	13	12	11	9	02:24
02:48	13	12	11	10	8	02:48
03:12	12	11	10	8	7	03:12
03:36	11	10	9	7	6	03:36
04:00	10	9	8	6	5	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	2/2	2/8	2/14	2/21	2/28	Std_Time
16:00	35	34	33	31	30	16:00
16:24	34	33	32	30	29	16:24
16:48	32	32	31	29	28	16:48
17:12	31	31	30	28	27	17:12
17:36	30	29	29	27	26	17:36
18:00	29	28	28	26	25	18:00
18:24	28	27	26	25	24	18:24
18:48	27	26	25	24	23	18:48
19:12	26	25	24	23	22	19:12
19:36	25	24	23	22	21	19:36
20:00	24	23	22	21	20	20:00
20:24	23	22	21	20	19	20:24
20:48	22	21	20	19	18	20:48
21:12	21	20	20	18	17	21:12
21:36	20	20	19	17	16	21:36
22:00	20	19	18	16	15	22:00
22:24	19	18	17	15	14	22:24
22:48	18	17	16	14	13	22:48
23:12	17	16	15	13	12	23:12
23:36	16	15	14	12	11	23:36
24:00	15	14	13	11	10	24:00
00:24	14	13	12	10	9	00:24
00:48	13	12	11	9	8	00:48
01:12	12	11	10	8	7	01:12
01:36	11	10	9	7	6	01:36
02:00	10	9	8	6	5	02:00
02:24	9	8	7	5	4	02:24
02:48	8	7	6	4	3	02:48
03:12	7	6	5	3	2	03:12
03:36	6	5	4	2	1	03:36
04:00	5	4	3	1	60	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	3/2	3/8	3/14	3/21	3/28	Std_Time
16:00	30	29	28	27	26	16:00
16:24	29	28	27	26	25	16:24
16:48	28	27	26	25	24	16:48
17:12	27	26	25	24	23	17:12
17:36	26	25	24	23	22	17:36
18:00	25	24	23	22	21	18:00
18:24	24	23	22	21	20	18:24
18:48	23	22	21	20	19	18:48
19:12	22	21	20	19	18	19:12
19:36	21	20	19	18	17	19:36
20:00	20	19	18	17	16	20:00
20:24	19	18	17	16	15	20:24
20:48	18	17	16	15	14	20:48
21:12	17	16	15	14	13	21:12
21:36	16	15	14	13	12	21:36
22:00	15	14	13	12	11	22:00
22:24	14	13	12	11	10	22:24
22:48	13	12	11	10	9	22:48
23:12	12	11	10	9	8	23:12
23:36	11	10	9	8	7	23:36
24:00	10	9	8	7	6	24:00
00:24	9	8	7	6	5	00:24
00:48	8	7	6	5	4	00:48
01:12	7	6	5	4	3	01:12
01:36	6	5	4	3	2	01:36
02:00	5	4	3	2	1	02:00
02:24	4	3	2	1	60	02:24
02:48	3	2	1	60	59	02:48
03:12	2	1	60	59	58	03:12
03:36	1	60	59	58	57	03:36
04:00	60	59	58	57	56	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	4/2	4/8	4/14	4/21	4/28	Std_Time
16:00	25	24	23	22	21	16:00
16:24	24	23	22	21	20	16:24
16:48	23	22	21	20	19	16:48
17:12	22	21	20	19	18	17:12
17:36	21	20	19	18	17	17:36
18:00	20	19	18	17	16	18:00
18:24	19	18	17	16	15	18:24
18:48	18	17	16	15	14	18:48
19:12	17	16	15	14	13	19:12
19:36	16	15	14	13	12	19:36
20:00	15	14	13	12	11	20:00
20:24	14	13	12	11	10	20:24
20:48	13	12	11	10	9	20:48
21:12	12	11	10	9	8	21:12
21:36	11	10	9	8	7	21:36
22:00	10	9	8	7	6	22:00
22:24	9	8	7	6	5	22:24
22:48	8	7	6	5	4	22:48
23:12	7	6	5	4	3	23:12
23:36	6	5	4	3	2	23:36
24:00	5	4	3	2	1	24:00
00:24	4	3	2	1	60	00:24
00:48	3	2	1	60	59	00:48
01:12	2	1	60	59	58	01:12
01:36	1	60	59	58	57	01:36
02:00	60	59	58	57	56	02:00
02:24	59	58	57	56	55	02:24
02:48	58	57	56	55	54	02:48
03:12	57	56	55	54	53	03:12
03:36	56	55	54	53	52	03:36
04:00	55	54	53	52	51	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	5/2	5/8	5/14	5/21	5/28	Std_Time
16:00	20	19	18	17	16	16:00
16:24	19	18	17	16	15	16:24
16:48	18	17	16	15	14	16:48
17:12	17	16	15	14	13	17:12
17:36	16	15	14	13	12	17:36
18:00	15	14	13	12	11	18:00
18:24	14	13	12	11	10	18:24
18:48	13	12	11	10	9	18:48
19:12	12	11	10	9	8	19:12
19:36	11	10	9	8	7	19:36
20:00	10	9	8	7	6	20:00
20:24	9	8	7	6	5	20:24
20:48	8	7	6	5	4	20:48
21:12	7	6	5	4	3	21:12
21:36	6	5	4	3	2	21:36
22:00	5	4	3	2	1	22:00
22:24	4	3	2	1	60	22:24
22:48	3	2	1	60	59	22:48
23:12	2	1	60	59	58	23:12
23:36	1	60	59	58	57	23:36
24:00	60	59	58	57	56	24:00
00:24	59	58	57	56	55	00:24
00:48	58	57	56	55	54	00:48
01:12	57	56	55	54	53	01:12
01:36	56	55	54	53	52	01:36
02:00	55	54	53	52	51	02:00
02:24	54	53	52	51	50	02:24
02:48	53	52	51	50	49	02:48
03:12	52	51	50	49	48	03:12
03:36	51	50	49	48	47	03:36
04:00	50	49	48	47	46	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	6/2	6/8	6/14	6/21	6/28	Std_Time
16:00	15	14	13	12	11	16:00
16:24	14	13	12	11	10	16:24
16:48	13	12	11	10	9	16:48
17:12	12	11	10	9	8	17:12
17:36	11	10	9	8	7	17:36
18:00	10	9	8	7	6	18:00
18:24	9	8	7	6	5	18:24
18:48	8	7	6	5	4	18:48
19:12	7	6	5	4	3	19:12
19:36	6	5	4	3	2	19:36
20:00	5	4	3	2	1	20:00
20:24	4	3	2	1	60	20:24
20:48	3	2	1	60	59	20:48
21:12	2	1	60	59	58	21:12
21:36	1	60	59	58	57	21:36
22:00	60	59	58	57	56	22:00
22:24	59	58	57	56	55	22:24
22:48	58	57	56	55	54	22:48
23:12	57	56	55	54	53	23:12
23:36	56	55	54	53	52	23:36
24:00	55	54	53	52	51	24:00
00:24	54	53	52	51	50	00:24
00:48	53	52	51	50	49	00:48
01:12	52	51	50	49	47	01:12
01:36	51	50	49	48	46	01:36
02:00	50	49	48	47	45	02:00
02:24	49	48	47	46	44	02:24
02:48	48	47	46	45	43	02:48
03:12	47	46	45	44	42	03:12
03:36	46	45	44	43	41	03:36
04:00	45	44	43	42	40	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	7/2	7/8	7/14	7/21	7/28	Std_Time
16:00	10	9	8	7	6	16:00
16:24	9	8	7	6	5	16:24
16:48	8	7	6	5	4	16:48
17:12	7	6	5	4	3	17:12
17:36	6	5	4	3	2	17:36
18:00	5	4	3	2	1	18:00
18:24	4	3	2	1	60	18:24
18:48	3	2	1	60	59	18:48
19:12	2	1	60	59	58	19:12
19:36	1	60	59	58	57	19:36
20:00	60	59	58	57	56	20:00
20:24	59	58	57	56	55	20:24
20:48	58	57	56	55	54	20:48
21:12	57	56	55	54	53	21:12
21:36	56	55	54	53	52	21:36
22:00	55	54	53	52	51	22:00
22:24	54	53	52	51	50	22:24
22:48	53	52	51	50	49	22:48
23:12	52	51	50	49	48	23:12
23:36	51	50	49	48	47	23:36
24:00	50	49	48	47	46	24:00
00:24	49	48	47	46	45	00:24
00:48	48	47	46	45	44	00:48
01:12	47	46	45	44	43	01:12
01:36	46	45	44	43	42	01:36
02:00	45	44	43	42	41	02:00
02:24	44	43	42	41	40	02:24
02:48	43	42	41	40	39	02:48
03:12	42	41	40	39	38	03:12
03:36	41	40	39	38	37	03:36
04:00	40	39	38	37	36	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	8/2	8/8	8/14	8/21	8/28	Std_Time
16:00	5	4	3	2	1	16:00
16:24	4	3	2	1	60	16:24
16:48	3	2	1	60	59	16:48
17:12	2	1	60	59	58	17:12
17:36	1	60	59	58	57	17:36
18:00	60	59	58	57	56	18:00
18:24	59	58	57	56	55	18:24
18:48	58	57	56	55	54	18:48
19:12	57	56	55	54	53	19:12
19:36	56	55	54	53	52	19:36
20:00	55	54	53	52	51	20:00
20:24	54	53	52	51	50	20:24
20:48	53	52	51	50	49	20:48
21:12	52	51	50	49	48	21:12
21:36	51	50	49	48	46	21:36
22:00	50	49	48	47	45	22:00
22:24	49	48	47	46	44	22:24
22:48	48	47	46	45	43	22:48
23:12	47	46	45	44	42	23:12
23:36	46	45	44	43	41	23:36
24:00	45	44	43	42	40	24:00
00:24	44	43	42	41	39	00:24
00:48	43	42	41	40	38	00:48
01:12	42	41	40	39	37	01:12
01:36	41	40	39	38	36	01:36
02:00	40	39	38	37	35	02:00
02:24	39	38	37	36	34	02:24
02:48	38	37	36	35	33	02:48
03:12	37	36	35	34	32	03:12
03:36	36	35	34	33	31	03:36
04:00	35	34	33	32	30	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	9/2	9/8	9/14	9/21	9/28	Std_Time
16:00	60	59	58	57	55	16:00
16:24	59	58	57	56	54	16:24
16:48	58	57	56	55	53	16:48
17:12	57	56	55	54	52	17:12
17:36	56	55	54	53	51	17:36
18:00	55	54	53	52	50	18:00
18:24	54	53	52	51	49	18:24
18:48	53	52	51	50	48	18:48
19:12	52	51	50	49	47	19:12
19:36	51	50	49	48	46	19:36
20:00	50	49	48	47	45	20:00
20:24	49	48	47	46	44	20:24
20:48	48	47	46	45	43	20:48
21:12	47	46	45	44	42	21:12
21:36	46	45	44	43	41	21:36
22:00	45	44	43	42	40	22:00
22:24	44	43	42	41	39	22:24
22:48	43	42	41	40	38	22:48
23:12	42	41	40	39	37	23:12
23:36	41	40	39	38	36	23:36
24:00	40	39	38	37	35	24:00
00:24	39	38	37	36	34	00:24
00:48	38	37	36	35	33	00:48
01:12	37	36	35	33	32	01:12
01:36	36	35	34	32	31	01:36
02:00	35	34	33	31	30	02:00
02:24	34	33	32	30	29	02:24
02:48	33	32	31	29	28	02:48
03:12	32	31	30	28	27	03:12
03:36	31	30	29	27	26	03:36
04:00	30	29	28	26	25	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	10/2	10/8	10/14	10/21	10/28	Std_Time
16:00	55	54	53	52	51	16:00
16:24	54	53	52	51	50	16:24
16:48	53	52	51	50	49	16:48
17:12	52	51	50	49	48	17:12
17:36	51	50	49	48	47	17:36
18:00	50	49	48	47	46	18:00
18:24	49	48	47	46	44	18:24
18:48	48	47	46	45	43	18:48
19:12	47	46	45	44	42	19:12
19:36	46	45	44	43	41	19:36
20:00	45	44	43	42	40	20:00
20:24	44	43	42	41	39	20:24
20:48	43	42	41	40	38	20:48
21:12	42	41	40	39	37	21:12
21:36	41	40	39	38	36	21:36
22:00	40	39	38	37	35	22:00
22:24	39	38	37	36	34	22:24
22:48	38	37	36	35	33	22:48
23:12	37	36	35	34	32	23:12
23:36	36	35	34	33	31	23:36
24:00	35	34	33	32	30	24:00
00:24	34	33	32	31	29	00:24
00:48	33	32	31	30	28	00:48
01:12	32	31	30	29	27	01:12
01:36	31	30	29	28	26	01:36
02:00	30	29	28	27	25	02:00
02:24	29	28	27	26	24	02:24
02:48	28	27	26	25	23	02:48
03:12	27	26	25	24	22	03:12
03:36	26	25	24	23	21	03:36
04:00	25	24	23	22	20	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	11/2	11/8	11/14	11/21	11/28	Std_Time
16:00	50	49	48	47	45	16:00
16:24	49	48	47	46	44	16:24
16:48	48	47	46	45	43	16:48
17:12	47	46	45	44	42	17:12
17:36	46	45	44	43	41	17:36
18:00	45	44	43	42	40	18:00
18:24	44	43	42	41	39	18:24
18:48	43	42	41	40	38	18:48
19:12	42	41	40	39	37	19:12
19:36	41	40	39	38	36	19:36
20:00	40	39	38	37	35	20:00
20:24	39	38	37	36	34	20:24
20:48	38	37	36	35	33	20:48
21:12	37	36	35	34	32	21:12
21:36	36	35	34	32	31	21:36
22:00	35	34	33	31	30	22:00
22:24	34	33	32	30	29	22:24
22:48	33	32	31	29	28	22:48
23:12	32	31	30	28	27	23:12
23:36	31	30	29	27	26	23:36
24:00	30	29	28	26	25	24:00
00:24	29	28	27	25	24	00:24
00:48	28	27	26	24	23	00:48
01:12	27	26	25	23	22	01:12
01:36	26	25	24	22	21	01:36
02:00	25	24	23	21	20	02:00
02:24	24	23	22	20	19	02:24
02:48	23	22	21	20	18	02:48
03:12	22	21	20	19	17	03:12
03:36	21	20	19	18	16	03:36
04:00	20	19	18	17	15	04:00

version of 01/15/10

For standard polar alignment scopes (image: upside-down and backwards).
Table expresses 'clock position' for Polaris (60 min per revolution).

Std_Time	12/2	12/8	12/14	12/21	12/28	Std_Time
16:00	45	44	43	42	40	16:00
16:24	44	43	42	41	39	16:24
16:48	43	42	41	40	38	16:48
17:12	42	41	40	39	37	17:12
17:36	41	40	39	38	36	17:36
18:00	40	39	38	37	35	18:00
18:24	39	38	37	36	34	18:24
18:48	38	37	36	35	33	18:48
19:12	37	36	35	34	32	19:12
19:36	36	35	34	33	31	19:36
20:00	35	34	33	32	30	20:00
20:24	34	33	32	31	29	20:24
20:48	33	32	31	30	28	20:48
21:12	32	31	30	29	27	21:12
21:36	31	30	29	28	26	21:36
22:00	30	29	28	27	25	22:00
22:24	29	28	27	26	24	22:24
22:48	28	27	26	25	23	22:48
23:12	27	26	25	24	22	23:12
23:36	26	25	24	23	21	23:36
24:00	25	24	23	22	20	24:00
00:24	24	23	22	21	20	00:24
00:48	23	22	21	20	19	00:48
01:12	22	21	20	19	18	01:12
01:36	21	20	19	18	17	01:36
02:00	20	19	18	17	16	02:00
02:24	19	18	17	16	15	02:24
02:48	18	17	16	15	13	02:48
03:12	17	16	15	14	12	03:12
03:36	16	15	14	13	11	03:36
04:00	15	14	13	12	10	04:00