2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

1 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	03 22	06 32	+6.2	11		01 35	+2.4	21		03 18	−6.9
	10 05	12 42	−3.1		04 36	07 04	−1.6		06 40	09 46	+6.9
	15 23	18 23	+4.6		09 38	13 17	+2.8		12 58	15 51	−5.2
	21 01				16 23	19 46	−3.3		18 49	21 51	+6.0
					23 47						
2		00 45	−7.0	12		02 42	+1.9	22	00 44	04 01	−6.9
	04 18	07 25	+6.7		05 48	07 46	−0.9		07 18	10 24	+6.9
	10 59	13 40	−3.5		09 54	14 04	+2.2		13 33	16 30	−5.7
	16 17	19 16	+5.0		17 06	20 36	−3.1		19 32	22 36	+6.2
	21 57										
3		01 41	−7.4	13	01 00	03 59	+1.8	23	01 34	04 45	−6.6
	05 09	08 14	+7.0		07 21	08 44	−0.4		07 58	11 04	+6.5
	11 46	14 29	−3.8		10 18	15 09	+1.8		14 10	17 12	−6.0
	17 07	20 05	+5.4		17 56	21 35	−3.0		20 19	23 24	+6.1
	22 50										
4		02 31	−7.5	14	02 06	05 06	+2.1	24	02 27	05 31	−5.8
	05 56	08 59	+7.0		08 58	10 06	−0.2		08 39	11 46	+5.9
	12 27	15 13	−4.2		11 30	16 22	+1.8		14 49	17 58	−6.1
	17 54	20 52	+5.5		18 53	22 39	−3.2		21 11		
	23 41										
5		03 17	−7.2	15	02 56	05 59	+2.8	25		00 17	+5.6
	06 39	09 40	+6.7		09 50	11 41	−0.5		03 27	06 22	−4.8
	13 05	15 54	−4.4		13 49	17 25	+2.1		09 22	12 32	+5.2
	18 39	21 37	+5.5		19 50	23 38	−3.7		15 33	18 48	−5.9
									22 11		
6	00 29	04 00	−6.7	16	03 37	06 42	+3.6	26		01 21	+5.0
	07 19	10 19	+6.2		10 21	12 43	−1.2		04 36	07 18	−3.7
	13 39	16 33	−4.4		15 09	18 17	+2.6		10 11	13 26	+4.3
	19 24	22 21	+5.1		20 45				16 23	19 47	−5.6
									23 23		
7	01 17	04 41	−5.8	17		00 29	−4.4	27		02 37	+4.5
	07 56	10 56	+5.6		04 13	07 20	+4.4		05 59	08 26	−2.6
	14 11	17 11	−4.4		10 50	13 25	−2.0		11 10	14 33	+3.6
	20 09	23 05	+4.6		16 03	19 03	+3.3		17 23	20 55	−5.4
					21 35						
8	02 04	05 18	−4.8	18		01 13	−5.2	28	00 45	04 02	+4.5
	08 28	11 32	+4.8		04 49	07 56	+5.3		07 32	09 50	−1.9
	14 43	17 47	−4.2		11 20	14 01	−2.9		12 29	15 53	+3.3
	20 56	23 51	+3.9		16 47	19 46	+4.1		18 32	22 15	−5.4
					22 23						
9	02 51	05 54	−3.7	19		01 55	−6.0	29	02 07	05 20	+4.8
	08 56	12 06	+4.1		05 25	08 33	+6.1		08 59	11 25	−2.0
	15 14	18 25	−3.9		11 52	14 37	−3.8		13 59	17 09	+3.5
	21 46				17 28	20 27	+4.9		19 46	23 36	−5.8
					23 09						
10		00 39	+3.1	20		02 37	−6.6	30	03 17	06 25	+5.5
	03 40	06 28	−2.6		06 02	09 09	+6.6		10 05	12 42	−2.6
	09 20	12 40	+3.4		12 24	15 13	−4.6		15 14	18 15	+4.2
	15 47	19 04	−3.6		18 08	21 09	+5.5		20 55		
	22 42				23 56						
								31		00 45	−6.4
									04 15	07 18	+6.0
									10 53	13 38	−3.3
									16 13	19 11	+4.9
									21 57		

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE
2 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		01 41	−6.8	11		02 30	+1.5	21	01 25	04 27	−6.6
	05 04	08 04	+6.4		05 45	07 22	−0.5		07 34	10 35	+6.7
	11 32	14 23	−4.1		09 00	13 08	+1.8		13 33	16 44	−7.2
	17 02	20 00	+5.5		16 38	20 16	−2.8		19 58	23 05	+7.0
	22 52										
2		02 29	−7.0	12	00 52	04 12	+1.6	22	02 15	05 10	−5.7
	05 46	08 44	+6.5		08 02	08 47	−0.1		08 11	11 14	+6.0
	12 05	15 01	−4.7		09 35	15 15	+1.3		14 11	17 28	−7.0
	17 47	20 45	+5.9		17 53	21 37	−2.8		20 48	23 55	+6.2
	23 41										
3		03 10	−6.8	13	02 13	05 27	+2.4	23	03 11	05 57	−4.5
	06 24	09 21	+6.4		09 23	11 05	−0.4		08 50	11 57	+5.1
	12 35	15 36	−5.1		13 15	16 59	+1.6		14 53	18 17	−6.4
	18 28	21 26	+5.9		19 17	23 06	−3.3		21 46		
4	00 26	03 47	−6.2	14	03 07	06 18	+3.4	24		00 54	+5.2
	06 57	09 53	+6.1		09 54	12 29	−1.3		04 17	06 50	−3.2
	13 03	16 08	−5.3		15 02	18 03	+2.5		09 34	12 48	+4.1
	19 07	22 04	+5.7		20 29				15 44	19 15	−5.7
									22 57		
5	01 06	04 19	−5.5	15		00 13	−4.2	25		02 11	+4.3
	07 25	10 23	+5.6		03 51	06 59	+4.5		05 42	07 59	−2.0
	13 29	16 38	−5.2		10 23	13 09	−2.5		10 31	13 59	+3.1
	19 45	22 41	+5.1		15 54	18 52	+3.6		16 50	20 29	−5.0
					21 28						
6	01 44	04 47	−4.5	16		01 03	−5.2	26	00 27	03 45	+3.9
	07 48	10 51	+5.1		04 30	07 36	+5.5		07 24	09 35	−1.4
	13 54	17 06	−5.0		10 52	13 44	−3.6		12 05	15 35	+2.8
	20 22	23 16	+4.4		16 35	19 35	+4.8		18 14	22 04	−4.7
					22 18						
7	02 19	05 11	−3.6	17		01 46	−6.1	27	01 58	05 10	+4.2
	08 06	11 16	+4.4		05 07	08 12	+6.4		08 53	11 25	−1.8
	14 18	17 33	−4.6		11 23	14 17	−4.8		13 56	17 03	+3.2
	20 59	23 51	+3.5		17 14	20 16	+5.9		19 43	23 36	−5.1
					23 06						
8	02 53	05 35	−2.7	18		02 26	−6.8	28	03 10	06 15	+4.9
	08 20	11 39	+3.8		05 44	08 47	+6.9		09 49	12 37	−2.7
	14 44	18 02	−4.2		11 53	14 52	−5.8		15 12	18 11	+4.1
	21 37				17 52	20 56	+6.8		20 59		
					23 52						
9		00 28	+2.7	19		03 06	−7.2				
	03 31	06 00	−1.9		06 21	09 23	+7.2				
	08 31	12 02	+3.1		12 25	15 27	−6.5				
	15 13	18 35	−3.7		18 31	21 37	+7.3				
	22 23										
10		01 14	+2.0	20	00 38	03 46	−7.1				
	04 21	06 32	−1.2		06 57	09 59	+7.1				
	08 43	12 27	+2.5		12 59	16 05	−7.0				
	15 48	19 17	−3.2		19 13	22 19	+7.4				
	23 24										

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

3 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		00 45	−5.7	11		00 14	+2.6	21	00 29	03 28	−6.7
	04 05	07 05	+5.5		03 30	05 50	−1.6		06 32	09 31	+7.0
	10 29	13 25	−3.8		08 11	11 37	+2.6		12 23	15 39	−8.0
	16 07	19 05	+5.1		14 50	18 22	−3.5		18 54	22 02	+8.0
	22 01				22 08						
2		01 36	−6.1	12		01 15	+1.9	22	01 15	04 08	−6.1
	04 50	07 45	+5.9		04 45	06 43	−0.9		07 08	10 08	+6.6
	11 01	14 04	−4.7		08 42	12 15	+1.8		12 59	16 19	−7.9
	16 52	19 51	+5.8		15 41	19 24	−2.9		19 39	22 47	+7.4
	22 52				23 30						
3		02 18	−6.3	13		03 11	+1.7	23	02 04	04 50	−5.1
	05 27	08 20	+6.1		06 48	08 15	−0.4		07 44	10 47	+5.8
	11 29	14 38	−5.3		09 55	14 31	+1.1		13 38	17 02	−7.4
	17 32	20 31	+6.2		17 12	20 56	−2.6		20 29	23 36	+6.4
	23 36										
4		02 53	−6.0	14	01 17	04 47	+2.4	24	02 59	05 36	−3.9
	05 59	08 52	+6.0		08 21	10 33	−0.8		08 23	11 29	+4.8
	11 55	15 08	−5.7		13 23	16 41	+1.7		14 23	17 52	−6.5
	18 09	21 07	+6.2		19 00	22 40	−3.1		21 27		
5	00 14	03 23	−5.5	15	02 31	05 46	+3.5	25		00 35	+5.1
	06 25	09 20	+5.8		09 06	11 54	−1.9		04 05	06 31	−2.7
	12 19	15 35	−5.9		14 47	17 46	+2.9		09 09	12 23	+3.7
	18 43	21 40	+5.9		20 20	23 53	−4.1		15 17	18 53	−5.4
									22 39		
6	00 48	03 49	−4.9	16	03 22	06 29	+4.6	26		01 52	+4.0
	06 47	09 46	+5.5		09 41	12 37	−3.3		05 29	07 44	−1.7
	12 42	15 59	−5.8		15 34	18 35	+4.3		10 16	13 42	+2.8
	19 14	22 11	+5.4		21 20				16 32	20 14	−4.4
7	01 18	04 11	−4.2	17		00 45	−5.2	27	00 11	03 28	+3.5
	07 05	10 09	+5.0		04 05	07 08	+5.6		07 06	09 29	−1.5
	13 05	16 22	−5.5		10 13	13 14	−4.6		12 08	15 29	+2.6
	19 44	22 40	+4.7		16 14	19 18	+5.7		18 10	21 58	−4.0
					22 11						
8	01 46	04 30	−3.5	18		01 28	−6.1	28	01 42	04 52	+3.8
	07 20	10 31	+4.5		04 44	07 44	+6.4		08 22	11 12	−2.1
	13 27	16 45	−5.1		10 45	13 49	−5.9		13 54	16 58	+3.3
	20 12	23 08	+4.0		16 53	19 59	+6.9		19 46	23 30	−4.3
					22 58						
9	02 14	04 51	−2.8	19		02 09	−6.7	29	02 52	05 52	+4.3
	07 34	10 51	+4.0		05 21	08 20	+7.0		09 11	12 16	−3.2
	13 51	17 10	−4.6		11 17	14 24	−6.9		15 02	18 02	+4.3
	20 42	23 37	+3.3		17 32	20 39	+7.8		21 01		
					23 43						
10	02 46	05 16	−2.2	20		02 48	−7.0	30		00 34	−4.8
	07 50	11 12	+3.3		05 57	08 55	+7.2		03 43	06 38	+4.8
	14 17	17 41	−4.1		11 49	15 01	−7.6		09 48	13 00	−4.3
	21 18				18 12	21 20	+8.2		15 52	18 52	+5.2
									21 59		
								31		01 20	−5.1
									04 24	07 16	+5.2
									10 18	13 36	−5.1
									16 34	19 34	+5.9
									22 45		

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE
4 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		01 58	−5.2	11		02 22	+2.4	21	01 57	04 36	−4.4
	04 57	07 48	+5.4		05 55	08 07	−1.1		07 24	10 26	+5.4
	10 46	14 07	−5.7		10 48	14 24	+1.4		13 15	16 45	−7.3
	17 11	20 11	+6.2		16 59	20 31	−2.8		20 16	23 23	+6.2
	23 23										
2		02 29	−4.9	12	00 21	03 58	+2.8	22	02 51	05 25	−3.5
	05 25	08 17	+5.4		07 15	09 51	−1.7		08 08	11 14	+4.5
	11 11	14 34	−6.0		13 04	16 15	+2.2		14 05	17 38	−6.2
	17 45	20 43	+6.1		18 47	22 08	−3.2		21 13		
	23 57										
3		02 55	−4.5	13	01 44	05 03	+3.7	23		00 21	+5.0
	05 48	08 43	+5.3		08 09	11 05	−2.8		03 53	06 23	−2.6
	11 34	14 58	−6.1		14 16	17 21	+3.6		09 02	12 13	+3.5
	18 15	21 13	+5.9		20 06	23 23	−4.1		15 05	18 41	−4.9
									22 22		
4	00 25	03 16	−4.1	14	02 44	05 52	+4.6	24		01 34	+3.9
	06 08	09 07	+5.1		08 51	11 56	−4.2		05 07	07 37	−2.0
	11 57	15 19	−6.0		15 05	18 12	+5.1		10 21	13 36	+2.7
	18 42	21 41	+5.5		21 07				16 27	20 01	−3.9
									23 44		
5	00 52	03 35	−3.6	15		00 18	−5.0	25		02 59	+3.4
	06 25	09 30	+4.8		03 32	06 34	+5.5		06 24	09 09	−2.1
	12 20	15 41	−5.7		09 28	12 38	−5.5		12 07	15 17	+2.7
	19 08	22 07	+5.0		15 49	18 57	+6.5		18 07	21 38	−3.4
					22 00						
6	01 18	03 55	−3.2	16		01 05	−5.7	26	01 09	04 16	+3.4
	06 43	09 53	+4.4		04 14	07 13	+6.2		07 29	10 36	−2.7
	12 43	16 04	−5.4		10 04	13 17	−6.8		13 38	16 41	+3.4
	19 34	22 35	+4.4		16 31	19 40	+7.6		19 41	23 05	−3.4
					22 48						
7	01 47	04 20	−2.8	17		01 48	−6.1	27	02 16	05 15	+3.7
	07 03	10 16	+3.9		04 53	07 51	+6.6		08 17	11 38	−3.6
	13 09	16 31	−5.0		10 39	13 57	−7.7		14 42	17 43	+4.2
	20 03	23 06	+3.9		17 12	20 22	+8.3		20 53		
					23 35						
8	02 22	04 51	−2.4	18		02 29	−6.2	28		00 08	−3.6
	07 29	10 43	+3.3		05 31	08 28	+6.7		03 07	06 00	+4.1
	13 39	17 05	−4.4		11 15	14 36	−8.3		08 56	12 24	−4.5
	20 39	23 45	+3.3		17 55	21 04	+8.4		15 31	18 31	+4.9
									21 48		
9	03 11	05 34	−1.8	19	00 21	03 11	−5.9	29		00 54	−3.8
	08 04	11 18	+2.6		06 08	09 05	+6.6		03 47	06 37	+4.4
	14 18	17 52	−3.8		11 53	15 17	−8.4		09 29	13 00	−5.2
	21 29				18 39	21 47	+8.1		16 12	19 11	+5.4
									22 32		
10		00 44	+2.7	20	01 08	03 53	−5.2	30		01 31	−3.7
	04 22	06 35	−1.3		06 45	09 45	+6.1		04 18	07 10	+4.5
	08 59	12 17	+1.8		12 32	15 59	−8.1		09 58	13 31	−5.6
	15 18	18 59	−3.1		19 26	22 33	+7.3		16 47	19 47	+5.6
	22 43								23 08		

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE
5 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		02 00	−3.6	11		03 05	+3.5	21	02 41	05 20	−3.5
	04 45	07 39	+4.6		06 15	09 07	−2.9		08 05	11 07	+4.4
	10 25	13 57	−5.8		12 27	15 40	+3.0		13 59	17 30	−5.9
	17 19	20 18	+5.6		18 26	21 31	−3.4		21 00		
	23 38										
2		02 24	−3.4	12	00 52	04 13	+3.9	22		00 07	+5.0
	05 09	08 06	+4.6		07 10	10 15	−3.9		03 34	06 16	−3.1
	10 50	14 21	−5.9		13 38	16 49	+4.2		09 04	12 08	+3.7
	17 47	20 47	+5.5		19 46	22 45	−3.8		15 02	18 30	−4.7
									21 58		
3	00 04	02 45	−3.2	13	01 59	05 09	+4.5	23		01 07	+4.1
	05 30	08 32	+4.5		07 59	11 12	−5.0		04 30	07 19	−2.8
	11 16	14 43	−5.9		14 35	17 45	+5.5		10 18	13 23	+3.1
	18 13	21 14	+5.3		20 51	23 47	−4.4		16 19	19 38	−3.6
									23 02		
4	00 30	03 07	−3.1	14	02 54	05 57	+5.1	24		02 15	+3.4
	05 53	08 58	+4.3		08 43	12 02	−6.2		05 28	08 29	−2.9
	11 41	15 06	−5.8		15 24	18 35	+6.7		11 45	14 50	+2.9
	18 39	21 43	+5.1		21 47				17 50	20 56	−2.7
5	00 59	03 32	−3.0	15		00 41	−4.8	25	00 11	03 23	+3.1
	06 18	09 26	+4.1		03 42	06 41	+5.6		06 23	09 42	−3.2
	12 10	15 34	−5.6		09 25	12 48	−7.2		13 07	16 10	+3.2
	19 07	22 14	+4.9		16 11	19 22	+7.6		19 20	22 17	−2.3
					22 39						
6	01 32	04 03	−2.8	16		01 29	−5.1	26	01 17	04 22	+3.1
	06 48	09 56	+3.7		04 26	07 23	+6.0		07 13	10 47	−3.7
	12 41	16 07	−5.3		10 06	13 33	−8.0		14 13	17 14	+3.6
	19 39	22 49	+4.5		16 58	20 07	+8.1		20 35	23 27	−2.2
					23 28						
7	02 12	04 42	−2.6	17		02 15	−5.1	27	02 11	05 11	+3.2
	07 26	10 33	+3.3		05 07	08 05	+6.1		07 56	11 39	−4.3
	13 20	16 48	−4.8		10 48	14 17	−8.4		15 05	18 05	+4.1
	20 19	23 33	+4.1		17 44	20 52	+8.1		21 34		
8	03 01	05 32	−2.3	18	00 16	02 59	−4.9	28		00 20	−2.2
	08 16	11 21	+2.7		05 48	08 47	+6.0		02 56	05 53	+3.4
	14 09	17 41	−4.2		11 31	15 02	−8.3		08 35	12 20	−4.7
	21 10				18 30	21 37	+7.8		15 48	18 46	+4.5
									22 18		
9		00 30	+3.7	19	01 04	03 44	−4.5	29		01 00	−2.2
	04 02	06 35	−2.2		06 30	09 30	+5.7		03 33	06 29	+3.5
	09 24	12 30	+2.3		12 16	15 49	−7.8		09 09	12 54	−5.0
	15 18	18 47	−3.6		19 18	22 24	+7.0		16 23	19 22	+4.7
	22 15								22 53		
10		01 45	+3.4	20	01 52	04 30	−4.0	30		01 31	−2.3
	05 10	07 50	−2.3		07 15	10 16	+5.1		04 04	07 03	+3.7
	10 55	14 07	+2.3		13 05	16 38	−7.0		09 41	13 22	−5.3
	16 51	20 07	−3.3		20 08	23 13	+6.1		16 55	19 54	+4.9
	23 33								23 22		
								31		01 58	−2.4
									04 34	07 34	+3.8
									10 12	13 48	−5.4
									17 23	20 24	+5.1
									23 48		

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE
6 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		02 22	−2.5	11	01 10	04 24	+4.2	21		00 30	+4.4
	05 03	08 05	+3.9		07 09	10 31	−5.5		03 43	06 46	−3.8
	10 42	14 15	−5.6		14 05	17 19	+5.5		09 57	12 56	+3.5
	17 50	20 54	+5.2		20 35	23 17	−3.5		15 58	19 00	−3.3
									22 06		
2	00 16	02 50	−2.7	12	02 14	05 21	+4.5	22		01 19	+3.6
	05 34	08 37	+3.9		08 01	11 31	−6.4		04 26	07 38	−3.6
	11 15	14 44	−5.7		15 04	18 17	+6.4		11 05	14 06	+2.9
	18 18	21 26	+5.4		21 38				17 12	19 56	−2.2
									22 50		
3	00 47	03 21	−2.9	13		00 20	−3.7	23		02 13	+3.0
	06 08	09 11	+3.9		03 12	06 13	+4.9		05 11	08 35	−3.5
	11 50	15 18	−5.7		08 53	12 26	−7.2		12 21	15 22	+2.7
	18 50	22 00	+5.4		15 59	19 09	+7.1		18 37	20 59	−1.4
					22 35				23 39		
4	01 22	03 58	−3.1	14		01 17	−3.9	24		03 11	+2.5
	06 47	09 49	+3.9		04 03	07 03	+5.3		05 59	09 37	−3.5
	12 30	15 57	−5.6		09 42	13 19	−7.8		13 35	16 34	+2.7
	19 26	22 38	+5.3		16 49	19 58	+7.5		20 06	22 15	−0.9
					23 26						
5	02 01	04 40	−3.2	15		02 07	−4.2	25	00 36	04 09	+2.4
	07 31	10 32	+3.7		04 52	07 50	+5.6		06 49	10 38	−3.6
	13 16	16 42	−5.3		10 32	14 09	−8.0		14 35	17 33	+3.0
	20 07	23 22	+5.1		17 38	20 45	+7.6		21 23	23 32	−0.8
6	02 44	05 28	−3.4	16	00 13	02 55	−4.3	26	01 41	05 03	+2.4
	08 23	11 23	+3.5		05 38	08 37	+5.7		07 36	11 32	−3.8
	14 11	17 34	−4.9		11 21	14 58	−8.0		15 23	18 21	+3.4
	20 54				18 25	21 30	+7.4		22 13		
7		00 11	+4.7	17	00 58	03 41	−4.3	27		00 30	−0.9
	03 32	06 21	−3.5		06 24	09 23	+5.6		02 39	05 50	+2.5
	09 23	12 25	+3.4		12 11	15 46	−7.5		08 21	12 16	−4.2
	15 17	18 33	−4.3		19 11	22 15	+6.8		16 01	19 00	+3.8
	21 48								22 45		
8		01 09	+4.3	18	01 40	04 26	−4.2	28		01 10	−1.3
	04 25	07 21	−3.7		07 12	10 11	+5.3		03 29	06 32	+2.8
	10 32	13 40	+3.4		13 03	16 33	−6.7		09 03	12 52	−4.5
	16 36	19 40	−3.8		19 56	22 59	+6.1		16 33	19 34	+4.3
	22 50								23 10		
9		02 14	+4.1	19	02 21	05 11	−4.1	29		01 41	−1.7
	05 19	08 24	−4.1		08 02	11 01	+4.8		04 11	07 11	+3.2
	11 47	15 01	+3.8		13 56	17 21	−5.7		09 43	13 25	−4.9
	18 01	20 52	−3.5		20 40	23 44	+5.3		17 02	20 06	+4.8
	23 59								23 35		
10		03 21	+4.0	20	03 02	05 57	−4.0	30		02 11	−2.3
	06 15	09 28	−4.7		08 56	11 55	+4.2		04 49	07 48	+3.5
	13 00	16 15	+4.6		14 54	18 09	−4.5		10 22	13 58	−5.3
	19 22	22 06	−3.3		21 23				17 32	20 38	+5.3

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE
7 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	00 02	02 41	−2.8	11	01 37	04 51	+3.8	21		00 21	+3.9
	05 26	08 25	+4.0		07 29	11 08	−6.1		03 25	06 43	−4.2
	11 02	14 33	−5.8		14 51	18 04	+5.8		10 16	13 11	+3.0
	18 03	21 11	+5.7		21 35				16 19	18 49	−2.0
									21 27		
2	00 32	03 14	−3.4	12		00 09	−2.7	22		00 56	+3.1
	06 04	09 03	+4.3		02 50	05 54	+4.3		04 00	07 25	−3.7
	11 43	15 10	−6.0		08 32	12 16	−6.7		11 19	14 15	+2.2
	18 36	21 46	+6.0		15 52	19 00	+6.4		17 28	19 29	−1.0
					22 34				21 40		
3	01 04	03 49	−3.9	13		01 13	−3.2	23		01 37	+2.3
	06 44	09 43	+4.6		03 51	06 52	+4.8		04 41	08 13	−3.2
	12 28	15 51	−6.2		09 32	13 16	−7.3		12 36	15 35	+1.8
	19 13	22 23	+6.1		16 46	19 51	+6.9		19 10	20 22	−0.3
					23 22				21 42		
4	01 39	04 28	−4.4	14		02 05	−3.8	24		02 40	+1.8
	07 26	10 27	+4.8		04 45	07 43	+5.4		05 31	09 14	−2.9
	13 16	16 34	−6.0		10 29	14 09	−7.6		13 55	16 55	+1.9
	19 52	23 03	+6.0		17 34	20 37	+7.1			*21 51	+0.1
5	02 16	05 10	−4.7	15	00 03	02 51	−4.3	25		04 04	+1.5
	08 12	11 14	+4.8		05 33	08 32	+5.8		06 33	10 29	−2.9
	14 08	17 21	−5.6		11 22	14 57	−7.6		14 54	17 55	+2.4
	20 34	23 45	+5.6		18 18	21 19	+7.1		22 35		
6	02 56	05 56	−4.9	16	00 41	03 32	−4.7	26		00 11	−0.2
	09 04	12 07	+4.7		06 19	09 18	+6.0		01 37	05 16	+1.7
	15 08	18 12	−4.9		12 12	15 41	−7.2		07 37	11 39	−3.3
	21 19				18 59	21 59	+6.7		15 36	18 38	+3.1
									22 36		
7		00 32	+5.1	17	01 15	04 12	−5.0	27		01 01	−0.9
	03 40	06 47	−5.1		07 04	10 03	+5.8		03 10	06 11	+2.2
	10 03	13 10	+4.5		13 01	16 23	−6.5		08 35	12 30	−3.9
	16 16	19 10	−4.1		19 37	22 36	+6.2		16 11	19 14	+3.9
	22 10								22 51		
8		01 27	+4.5	18	01 48	04 50	−5.0	28		01 30	−1.7
	04 29	07 43	−5.2		07 48	10 47	+5.4		04 01	06 56	+2.9
	11 10	14 23	+4.4		13 48	17 02	−5.5		09 26	13 10	−4.6
	17 35	20 15	−3.3		20 11	23 12	+5.5		16 42	19 47	+4.8
	23 09								23 12		
9		02 30	+4.0	19	02 20	05 27	−4.9	29		01 58	−2.6
	05 24	08 47	−5.3		08 34	11 32	+4.7		04 41	07 36	+3.7
	12 26	15 43	+4.6		14 35	17 39	−4.3		10 12	13 47	−5.3
	19 00	21 29	−2.7		20 41	23 47	+4.7		17 13	20 19	+5.6
									23 38		
10	00 19	03 41	+3.7	20	02 52	06 04	−4.6	30		02 26	−3.5
	06 25	09 56	−5.6		09 23	12 18	+3.9		05 17	08 15	+4.5
	13 42	16 58	+5.1		15 24	18 14	−3.1		10 56	14 23	−6.0
	20 24	22 52	−2.5		21 07				17 46	20 52	+6.2
								31	00 05	02 57	−4.4
									05 53	08 53	+5.3
									11 40	15 00	−6.5
									18 20	21 26	+6.6

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

8 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	00 35	03 30	−5.1	11		01 10	−3.2	21		00 11	+2.5
	06 30	09 32	+5.9		03 47	06 47	+4.8		03 27	06 58	−3.2
	12 24	15 39	−6.7		09 33	13 16	−6.7		11 07	14 09	+1.5
	18 55	22 01	+6.8		16 39	19 40	+6.4		17 30	18 59	−0.4
					23 05				20 28		
2	01 08	04 06	−5.7	12		01 57	−4.2	22		00 36	+1.7
	07 10	10 13	+6.2		04 39	07 38	+5.7		04 11	07 52	−2.6
	13 10	16 20	−6.5		10 31	14 06	−7.1		12 40	15 59	+1.3
	19 31	22 37	+6.6		17 24	20 22	+6.7			*20 16	+0.1
					23 39						
3	01 41	04 45	−6.1	13		02 37	−4.9	23		02 41	+1.0
	07 53	10 57	+6.2		05 25	08 24	+6.3		05 26	09 16	−2.3
	13 59	17 02	−6.0		11 23	14 50	−7.1		14 09	17 21	+1.9
	20 09	23 16	+6.2		18 03	20 59	+6.7		22 19	23 51	−0.1
4	02 18	05 27	−6.3	14	00 11	03 14	−5.5	24	01 05	04 50	+1.2
	08 40	11 45	+5.9		06 07	09 07	+6.5		07 02	11 00	−2.6
	14 53	17 49	−5.1		12 09	15 29	−6.7		15 02	18 10	+2.9
	20 49	23 58	+5.5		18 38	21 34	+6.5		21 54		
5	02 59	06 13	−6.2	15	00 40	03 47	−5.8	25		00 38	−1.0
	09 35	12 42	+5.3		06 47	09 47	+6.4		03 02	05 55	+2.1
	15 56	18 41	−4.0		12 52	16 03	−6.0		08 19	12 07	−3.5
	21 33				19 09	22 05	+6.1		15 41	18 47	+3.9
									22 12		
6		00 46	+4.6	16	01 08	04 19	−5.8	26		01 04	−2.1
	03 45	07 07	−5.8		07 26	10 25	+5.9		03 47	06 41	+3.2
	10 39	13 52	+4.6		13 32	16 34	−5.0		09 17	12 52	−4.4
	17 12	19 42	−2.9		19 35	22 35	+5.5		16 16	19 21	+4.9
	22 26								22 35		
7		01 47	+3.8	17	01 35	04 50	−5.6	27		01 31	−3.3
	04 42	08 12	−5.5		08 05	11 01	+5.1		04 24	07 21	+4.3
	11 59	15 17	+4.3		14 09	17 02	−4.0		10 05	13 30	−5.4
	18 44	21 01	−2.0		19 56	23 02	+4.8		16 50	19 53	+5.8
	23 37								23 02		
8		03 07	+3.2	18	02 01	05 19	−5.1	28		02 00	−4.4
	05 52	09 31	−5.3		08 43	11 38	+4.1		04 58	07 59	+5.5
	13 26	16 43	+4.5		14 46	17 27	−3.0		10 49	14 07	−6.2
	20 18	22 38	−1.8		20 12	23 27	+4.0		17 23	20 27	+6.5
									23 30		
9	01 15	04 33	+3.3	19	02 28	05 48	−4.5	29		02 31	−5.5
	07 10	10 58	−5.5		09 23	12 15	+3.1		05 33	08 37	+6.5
	14 44	17 55	+5.1		15 23	17 51	−2.0		11 32	14 44	−6.7
	21 32				20 22	23 49	+3.2		17 58	21 00	+6.9
10		00 07	−2.3	20	02 55	06 19	−3.9	30	00 00	03 04	−6.4
	02 42	05 47	+3.9		10 07	12 59	+2.2		06 10	09 15	+7.1
	08 26	12 15	−6.1		16 11	18 18	−1.2		12 16	15 22	−6.9
	15 47	18 52	+5.8		20 28				18 32	21 34	+7.0
	22 24										
								31	00 32	03 39	−7.0
									06 49	09 55	+7.4
									13 00	16 01	−6.6
									19 07	22 09	+6.8

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

9 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	01 05	04 17	−7.3	11		02 14	−5.6	21		01 40	+0.9
	07 31	10 38	+7.2		05 10	08 11	+6.6		04 38	08 24	−2.2
	13 48	16 42	−5.9		11 18	14 34	−6.3		12 51	16 27	+2.0
	19 43	22 46	+6.3		17 39	20 31	+6.3		20 03	22 12	−0.5
					23 32						
2	01 42	04 58	−7.2	12		02 47	−6.2	22	01 11	04 24	+1.2
	08 17	11 24	+6.6		05 49	08 49	+6.8		06 38	10 15	−2.4
	14 40	17 26	−4.9		11 59	15 08	−5.9		14 10	17 27	+2.9
	20 21	23 27	+5.4		18 09	21 02	+6.1		20 46	23 40	−1.6
					23 59						
3	02 23	05 44	−6.8	13		03 17	−6.4	23	02 36	05 31	+2.4
	09 11	12 19	+5.7		06 25	09 25	+6.6		08 03	11 34	−3.3
	15 41	18 17	−3.6		12 37	15 37	−5.2		15 01	18 09	+4.0
	21 03				18 34	21 30	+5.7		21 18		
4		00 14	+4.5	14	00 25	03 45	−6.3	24		00 19	−2.9
	03 10	06 39	−6.0		07 00	09 59	+6.0		03 20	06 18	+3.7
	10 16	13 28	+4.6		13 10	16 02	−4.4		09 03	12 24	−4.4
	16 57	19 19	−2.4		18 56	21 56	+5.2		15 42	18 47	+5.0
	21 55								21 48		
5		01 17	+3.4	15	00 49	04 10	−5.9	25		00 53	−4.2
	04 11	07 48	−5.2		07 33	10 29	+5.2		03 57	06 59	+5.1
	11 39	14 58	+4.0		13 41	16 24	−3.6		09 53	13 06	−5.3
	18 32	20 45	−1.6		19 13	22 20	+4.6		16 20	19 22	+5.8
	23 17								22 19		
6		02 49	+2.8	16	01 13	04 35	−5.4	26		01 26	−5.5
	05 34	09 17	−4.7		08 04	10 59	+4.3		04 33	07 39	+6.4
	13 14	16 30	+4.0		14 10	16 45	−2.8		10 38	13 46	−6.1
	20 06	22 34	−1.7		19 27	22 41	+4.0		16 56	19 56	+6.5
									22 51		
7	01 12	04 27	+3.1	17	01 37	04 59	−4.8	27		02 00	−6.6
	07 07	10 55	−4.9		08 34	11 29	+3.4		05 10	08 17	+7.4
	14 35	17 41	+4.7		14 41	17 07	−2.1		11 22	14 24	−6.5
	21 11	23 59	−2.6		19 40	23 01	+3.2		17 32	20 31	+6.8
									23 23		
8	02 39	05 42	+4.0	18	02 02	05 27	−4.1	28		02 35	−7.4
	08 30	12 13	−5.5		09 07	12 04	+2.6		05 49	08 57	+8.0
	15 36	18 36	+5.3		15 20	17 36	−1.4		12 05	15 03	−6.5
	21 56				19 55	23 22	+2.5		18 07	21 06	+6.9
									23 57		
9		00 55	−3.7	19	02 31	06 03	−3.3	29		03 12	−8.0
	03 39	06 40	+5.1		09 50	12 54	+1.8		06 29	09 38	+8.1
	09 36	13 10	−6.1		16 25	18 21	−0.8		12 51	15 43	−6.1
	16 24	19 20	+5.9		20 19	23 51	+1.7		18 42	21 42	+6.6
	22 32										
10		01 37	−4.8	20	03 14	06 57	−2.6	30	00 33	03 52	−8.0
	04 28	07 29	+6.1		11 01	14 41	+1.5		07 13	10 21	+7.7
	10 31	13 55	−6.4		18 23	19 44	−0.3		13 38	16 24	−5.3
	17 04	19 58	+6.2		21 14				19 19	22 21	+6.0
	23 04										

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

10 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	01 11	04 35	−7.7	11		02 16	−6.4	21	00 35	03 46	+1.7
	08 01	11 08	+6.8		05 28	08 28	+6.6		06 15	09 29	−2.6
	14 30	17 10	−4.3		11 46	14 42	−4.6		13 05	16 32	+3.2
	19 58	23 03	+5.2		17 34	20 28	+5.4		19 35	22 33	−2.5
					23 17						
2	01 55	05 23	−6.9	12		02 44	−6.5	22	01 53	04 57	+2.9
	08 55	12 03	+5.7		06 02	09 01	+6.3		07 40	10 49	−3.3
	15 30	18 02	−3.2		12 19	15 09	−4.1		14 11	17 23	+4.0
	20 44	23 54	+4.2		17 58	20 55	+5.1		20 20	23 27	−3.7
					23 43						
3	02 48	06 21	−5.9	13		03 09	−6.3	23	02 43	05 49	+4.3
	10 00	13 11	+4.5		06 33	09 32	+5.8		08 43	11 49	−4.1
	16 44	19 08	−2.2		12 48	15 31	−3.6		15 02	18 07	+4.9
	21 45				18 18	21 20	+4.7		20 59		
4		01 04	+3.2	14	00 07	03 33	−5.9	24		00 11	−5.0
	03 57	07 34	−4.8		07 02	10 01	+5.1		03 27	06 34	+5.8
	11 22	14 40	+3.8		13 16	15 52	−3.1		09 36	12 38	−4.9
	18 12	20 37	−1.8		18 37	21 44	+4.3		15 46	18 47	+5.6
	23 21								21 35		
5		02 43	+2.7	15	00 32	03 56	−5.4	25		00 51	−6.3
	05 29	09 08	−4.2		07 29	10 29	+4.5		04 08	07 17	+7.0
	12 55	16 08	+3.8		13 44	16 15	−2.6		10 25	13 22	−5.5
	19 33	22 19	−2.2		18 56	22 08	+3.7		16 26	19 25	+6.1
									22 11		
6	01 10	04 20	+3.2	16	00 57	04 21	−4.9	26		01 30	−7.3
	07 08	10 46	−4.3		07 56	10 59	+3.8		04 49	07 59	+7.8
	14 13	17 16	+4.2		14 16	16 42	−2.2		11 11	14 04	−5.7
	20 30	23 35	−3.2		19 19	22 34	+3.1		17 05	20 03	+6.4
									22 49		
7	02 28	05 31	+4.3	17	01 25	04 52	−4.3	27		02 10	−8.0
	08 30	11 59	−4.7		08 27	11 34	+3.2		05 31	08 41	+8.2
	15 12	18 08	+4.8		14 58	17 20	−1.7		11 57	14 46	−5.6
	21 14				19 52	23 05	+2.4		17 43	20 41	+6.4
									23 27		
8		00 27	−4.3	18	02 00	05 32	−3.6	28		02 51	−8.4
	03 23	06 26	+5.3		09 08	12 23	+2.6		06 15	09 24	+8.2
	09 34	12 53	−5.1		15 58	18 15	−1.3		12 44	15 29	−5.3
	15 57	18 49	+5.2		20 43	23 55	+1.7		18 22	21 21	+6.2
	21 49										
9		01 08	−5.3	19	02 52	06 30	−2.9	29	00 07	03 35	−8.2
	04 10	07 12	+6.1		10 08	13 44	+2.3		07 01	10 09	+7.6
	10 25	13 36	−5.2		17 20	19 36	−1.1		13 32	16 13	−4.6
	16 35	19 26	+5.5		22 20				19 02	22 04	+5.6
	22 21										
10		01 44	−6.0	20		01 45	+1.2	30	00 51	04 21	−7.7
	04 51	07 52	+6.5		04 23	07 53	−2.5		07 50	10 58	+6.7
	11 08	14 12	−5.0		11 35	15 22	+2.5		14 24	17 01	−3.9
	17 07	19 58	+5.5		18 38	21 14	−1.5		19 47	22 51	+4.9
	22 50										
								31	01 41	05 12	−6.7
									08 44	11 52	+5.7
									15 21	17 56	−3.1
									20 40	23 47	+4.0

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

11 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1	02 39	06 11	−5.6	11		02 38	−5.9	21	02 05	05 17	+4.7
	09 46	12 57	+4.6		06 09	09 09	+5.4		08 20	11 11	−3.7
	16 26	19 02	−2.6		12 31	15 07	−2.9		14 16	17 25	+4.5
	21 49				17 48	20 51	+4.2		20 10	23 29	−5.7
					23 33						
2		01 00	+3.3	12		03 02	−5.6	22	02 58	06 09	+5.9
	03 53	07 23	−4.5		06 35	09 38	+5.0		09 20	12 09	−4.1
	10 59	14 13	+3.9		12 58	15 31	−2.7		15 10	18 12	+5.1
	17 36	20 21	−2.5		18 14	21 19	+3.9		20 54		
	23 20										
3		02 33	+3.0	13	00 01	03 28	−5.3	23		00 19	−6.7
	05 26	08 49	−3.7		07 02	10 07	+4.7		03 46	06 57	+7.0
	12 20	15 31	+3.6		13 28	15 59	−2.6		10 14	13 01	−4.5
	18 41	21 44	−2.9		18 43	21 49	+3.5		15 57	18 57	+5.5
									21 38		
4	00 53	04 01	+3.5	14	00 31	03 58	−5.0	24		01 06	−7.6
	07 01	10 18	−3.5		07 31	10 40	+4.4		04 34	07 44	+7.7
	13 34	16 36	+3.8		14 02	16 34	−2.4		11 05	13 49	−4.7
	19 36	22 55	−3.7		19 19	22 23	+3.1		16 41	19 41	+5.8
									22 22		
5	02 06	05 11	+4.3	15	01 07	04 34	−4.6	25		01 53	−8.1
	08 21	11 31	−3.6		08 05	11 18	+4.0		05 20	08 29	+8.0
	14 33	17 29	+4.1		14 44	17 17	−2.3		11 53	14 36	−4.7
	20 22	23 50	−4.6		20 05	23 06	+2.7		17 25	20 24	+5.9
									23 07		
6	03 02	06 05	+5.0	16	01 51	05 20	−4.1	26		02 39	−8.3
	09 24	12 27	−3.7		08 46	12 05	+3.7		06 07	09 15	+7.9
	15 20	18 12	+4.3		15 35	18 12	−2.2		12 40	15 22	−4.6
	21 01				21 05				18 09	21 09	+5.8
									23 54		
7		00 34	−5.3	17		00 05	+2.2	27		03 26	−8.1
	03 49	06 51	+5.6		02 52	06 17	−3.5		06 55	10 01	+7.4
	10 15	13 11	−3.7		09 40	13 07	+3.4		13 27	16 08	−4.3
	15 58	18 49	+4.5		16 33	19 17	−2.3		18 54	21 55	+5.5
	21 35				22 23						
8		01 12	−5.8	18		01 28	+2.1	28	00 43	04 15	−7.5
	04 30	07 31	+5.8		04 14	07 28	−3.1		07 43	10 49	+6.7
	10 57	13 47	−3.5		10 46	14 21	+3.3		14 15	16 57	−4.0
	16 30	19 23	+4.6		17 34	20 27	−2.8		19 44	22 46	+5.0
	22 07				23 49						
9		01 44	−6.1	19		03 01	+2.5	29	01 37	05 07	−6.6
	05 07	08 06	+5.8		05 47	08 47	−3.0		08 34	11 40	+5.8
	11 32	14 17	−3.3		12 02	15 32	+3.5		15 04	17 49	−3.7
	16 59	19 54	+4.5		18 31	21 35	−3.5		20 40	23 43	+4.3
	22 37										
10		02 12	−6.1	20	01 05	04 16	+3.5	30	02 38	06 03	−5.4
	05 39	08 39	+5.6		07 11	10 03	−3.2		09 27	12 35	+4.8
	12 03	14 43	−3.1		13 14	16 33	+4.0		15 54	18 46	−3.5
	17 24	20 23	+4.4		19 23	22 36	−4.5		21 45		
	23 05										

*印は前後に転流がないことを示す。

2026(令和８年)　　3　針尾瀬戸　　33 03 N　　+ : ESE

12 月　　129 45 E　　− : WNW

日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn	日	転流時 h m	最強時 h m	最強流速 kn
1		00 50	+3.7	11		02 42	−5.4	21	02 34	05 48	+5.7
	03 48	07 05	−4.3		06 15	09 20	+5.1		09 09	11 45	−3.2
	10 24	13 35	+4.0		12 43	15 20	−2.7		14 36	17 43	+4.4
	16 47	19 49	−3.4		18 05	21 05	+3.7		20 21	23 55	−6.7
	23 01				23 43						
2		02 08	+3.4	12		03 12	−5.4	22	03 32	06 43	+6.5
	05 10	08 14	−3.3		06 43	09 51	+5.2		10 09	12 47	−3.5
	11 27	14 40	+3.5		13 12	15 51	−2.9		15 34	18 36	+4.9
	17 41	20 56	−3.6		18 41	21 40	+3.7		21 15		
3	00 22	03 29	+3.4	13	00 20	03 46	−5.3	23		00 52	−7.4
	06 38	09 31	−2.6		07 13	10 25	+5.1		04 25	07 34	+7.2
	12 33	15 43	+3.3		13 45	16 27	−3.2		11 02	13 42	−3.9
	18 34	22 04	−3.9		19 21	22 19	+3.6		16 27	19 27	+5.4
									22 07		
4	01 36	04 41	+3.8	14	01 02	04 25	−5.1	24		01 45	−7.9
	08 02	10 47	−2.2		07 48	11 02	+5.0		05 15	08 22	+7.5
	13 35	16 40	+3.2		14 22	17 08	−3.4		11 49	14 32	−4.2
	19 24	23 05	−4.4		20 06	23 04	+3.5		17 16	20 15	+5.7
									22 59		
5	02 38	05 40	+4.2	15	01 50	05 10	−4.8	25		02 35	−8.0
	09 12	11 54	−2.1		08 28	11 44	+4.8		06 03	09 08	+7.5
	14 29	17 29	+3.3		15 04	17 55	−3.6		12 34	15 18	−4.5
	20 09	23 57	−4.8		20 59	23 57	+3.4		18 03	21 03	+5.9
									23 51		
6	03 29	06 29	+4.5	16	02 48	06 02	−4.3	26		03 24	−7.9
	10 07	12 46	−2.1		09 14	12 33	+4.4		06 49	09 52	+7.3
	15 15	18 12	+3.4		15 49	18 47	−3.8		13 15	16 03	−4.6
	20 51				21 59				18 51	21 51	+5.8
7		00 40	−5.1	17		01 01	+3.3	27	00 43	04 12	−7.3
	04 11	07 11	+4.8		03 58	07 01	−3.8		07 34	10 36	+6.7
	10 50	13 27	−2.1		10 07	13 30	+4.1		13 55	16 47	−4.7
	15 54	18 51	+3.5		16 40	19 44	−4.1		19 39	22 40	+5.5
	21 28				23 07						
8		01 16	−5.3	18		02 17	+3.5	28	01 36	04 59	−6.4
	04 48	07 47	+4.9		05 17	08 07	−3.3		08 17	11 19	+6.0
	11 23	13 59	−2.2		11 08	14 35	+3.8		14 34	17 32	−4.6
	16 29	19 26	+3.6		17 34	20 47	−4.5		20 30	23 31	+5.0
	22 03										
9		01 47	−5.4	19	00 19	03 35	+4.0	29	02 32	05 46	−5.3
	05 20	08 20	+5.0		06 41	09 19	−3.0		08 59	12 03	+5.1
	11 51	14 27	−2.3		12 18	15 42	+3.8		15 14	18 18	−4.5
	17 01	19 59	+3.7		18 29	21 51	−5.1		21 26		
	22 36										
10		02 14	−5.4	20	01 30	04 46	+4.8	30		00 27	+4.3
	05 48	08 50	+5.0		07 59	10 34	−3.0		03 32	06 35	−4.1
	12 17	14 53	−2.5		13 29	16 45	+4.0		09 40	12 49	+4.3
	17 32	20 32	+3.7		19 26	22 54	−5.9		15 55	19 07	−4.2
	23 09								22 29		
								31		01 30	+3.6
									04 40	07 27	−2.8
									10 22	13 39	+3.5
									16 39	20 01	−4.0
									23 41		

*印は前後に転流がないことを示す。