

JANUARY 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	TU	07 36	7.8	20 02	8.1	01 56	2.3	14 18	2.6
2	W	08 39	8.1	21 02	8.3	02 58	2.2	15 20	2.4
3	TH	09 31	8.4	21 54	8.5	03 51	2.0	16 13	2.2
4	F	10 15	8.6	22 40	8.6	04 36	1.9	16 59	2.0
5	SA	10 55	8.8	23 21	8.7	05 16	1.8	17 38	1.8
6	SU ●	11 33	9.0	23 58	8.7	05 50	1.8	18 15	1.8
7	M			12 08	9.0	06 24	1.8	18 51	1.7
8	TU	00 32	8.6	12 43	8.9	06 58	1.8	19 26	1.7
9	W	01 04	8.5	13 17	8.8	07 32	1.9	20 02	1.8
10	TH	01 36	8.4	13 50	8.7	08 07	2.0	20 38	2.0
11	F	02 11	8.2	14 27	8.5	08 42	2.3	21 13	2.2
12	SA	02 50	8.0	15 08	8.2	09 20	2.5	21 52	2.4
13	SU	03 34	7.8	15 53	8.0	10 06	2.8	22 38	2.6
14	M)	04 23	7.5	16 45	7.7	11 00	3.0	23 34	2.8
15	TU	05 20	7.3	17 45	7.6			12 01	3.1
16	W	06 25	7.3	18 54	7.6	00 37	2.8	13 08	3.0
17	TH	07 37	7.5	20 06	7.9	01 44	2.7	14 15	2.7
18	F	08 43	8.0	21 09	8.3	02 50	2.3	15 20	2.3
19	SA	09 39	8.6	22 04	8.8	03 50	1.9	16 20	1.8
20	SU	10 29	9.1	22 56	9.3	04 44	1.5	17 16	1.3
21	M O	11 17	9.6	23 45	9.6	05 35	1.1	18 10	0.9
22	TU			12 03	9.9	06 24	0.9	19 01	0.6
23	W	00 33	9.7	12 51	10.0	07 11	0.8	19 50	0.5
24	TH	01 20	9.7	13 38	9.9	07 58	0.9	20 38	0.6
25	F	02 08	9.5	14 27	9.6	08 43	1.1	21 25	0.9
26	SA	02 56	9.1	15 18	9.2	09 28	1.4	22 13	1.3
27	SU (	03 47	8.6	16 12	8.7	10 15	1.9	23 03	1.8
28	M	04 41	8.1	17 12	8.1	11 08	2.4		
29	TU	05 43	7.6	18 19	7.7	00 01	2.3	12 13	2.8
30	W	06 54	7.4	19 31	7.5	01 14	2.7	13 38	2.9
31	TH	08 08	7.5	20 40	7.6	02 25	2.7	14 53	2.8

Time Zone UT(GMT)

FEBRUARY 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	F	09 08	7.8	21 38	7.9	03 26	2.6	15 55	2.5
2	SA	09 57	8.2	22 26	8.2	04 16	2.4	16 43	2.2
3	SU	10 38	8.6	23 06	8.4	04 58	2.1	17 23	1.9
4	M ●	11 16	8.8	23 42	8.5	05 34	1.9	18 00	1.7
5	TU	11 51	8.9			06 09	1.7	18 35	1.6
6	W	00 14	8.6	12 25	9.0	06 43	1.7	19 10	1.5
7	TH	00 44	8.6	12 55	9.0	07 16	1.6	19 43	1.6
8	F	01 13	8.6	13 26	8.9	07 46	1.7	20 14	1.7
9	SA	01 44	8.5	13 59	8.8	08 17	1.8	20 43	1.8
10	SU	02 20	8.4	14 37	8.6	08 50	2.0	21 14	2.0
11	M	02 59	8.2	15 19	8.3	09 29	2.3	21 53	2.3
12	TU ☽	03 43	7.9	16 07	8.0	10 17	2.6	22 45	2.6
13	W	04 35	7.6	17 04	7.7	11 19	2.9	23 53	2.9
14	TH	05 38	7.3	18 14	7.5			12 30	3.0
15	F	06 55	7.3	19 35	7.6	01 07	2.9	13 44	2.8
16	SA	08 14	7.7	20 48	8.0	02 21	2.6	14 56	2.3
17	SU	09 19	8.3	21 50	8.6	03 29	2.1	16 02	1.7
18	M	10 13	9.0	22 43	9.2	04 28	1.6	17 02	1.1
19	TU ○	11 02	9.6	23 31	9.6	05 22	1.1	17 57	0.6
20	W	11 48	10.0			06 12	0.7	18 48	0.3
21	TH	00 18	9.8	12 34	10.2	06 58	0.5	19 35	0.1
22	F	01 02	9.8	13 19	10.1	07 43	0.5	20 19	0.3
23	SA	01 46	9.7	14 04	9.9	08 24	0.7	21 02	0.6
24	SU	02 29	9.3	14 50	9.4	09 04	1.1	21 42	1.2
25	M	03 14	8.8	15 39	8.7	09 44	1.6	22 23	1.9
26	TU ☾	04 03	8.1	16 35	8.0	10 29	2.2	23 11	2.5
27	W	05 01	7.5	17 42	7.3	11 24	2.8		
28	TH	06 12	7.1	18 59	7.0	00 20	3.1	12 48	3.2

Time Zone UT(GMT)

MARCH 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	F	07 33	7.1	20 17	7.1	01 47	3.2	14 22	3.1
2	SA	08 41	7.5	21 19	7.5	02 57	3.0	15 34	2.7
3	SU	09 34	7.9	22 07	7.9	03 53	2.7	16 24	2.3
4	M	10 16	8.4	22 45	8.3	04 37	2.3	17 02	1.9
5	TU	10 54	8.7	23 19	8.5	05 15	1.9	17 38	1.6
6	W ●	11 30	8.9	23 51	8.7	05 51	1.7	18 14	1.4
7	TH			12 02	9.0	06 25	1.5	18 48	1.3
8	F	00 20	8.8	12 31	9.1	06 55	1.4	19 19	1.4
9	SA	00 48	8.8	13 00	9.1	07 23	1.4	19 45	1.4
10	SU	01 18	8.8	13 33	9.0	07 51	1.5	20 11	1.6
11	M	01 51	8.7	14 10	8.8	08 23	1.7	20 40	1.8
12	TU	02 29	8.5	14 51	8.6	09 00	1.9	21 14	2.1
13	W	03 11	8.2	15 38	8.2	09 44	2.3	22 01	2.5
14	TH ☽	04 01	7.8	16 35	7.7	10 45	2.7	23 15	2.9
15	F	05 05	7.4	17 50	7.3			12 02	2.9
16	SA	06 27	7.2	19 16	7.4	00 40	3.0	13 22	2.7
17	SU	07 52	7.6	20 33	7.9	02 01	2.7	14 38	2.2
18	M	09 01	8.2	21 36	8.6	03 11	2.2	15 48	1.6
19	TU	09 57	9.0	22 29	9.2	04 12	1.6	16 48	0.9
20	W	10 45	9.6	23 15	9.6	05 06	1.0	17 41	0.4
21	TH ○	11 31	10.0	23 59	9.8	05 55	0.6	18 29	0.1
22	F			12 14	10.2	06 41	0.4	19 13	0.1
23	SA	00 40	9.9	12 58	10.1	07 22	0.4	19 54	0.3
24	SU	01 21	9.7	13 40	9.8	08 01	0.6	20 32	0.7
25	M	02 01	9.3	14 23	9.3	08 37	1.0	21 07	1.3
26	TU	02 42	8.8	15 08	8.6	09 14	1.5	21 43	2.0
27	W	03 27	8.2	16 00	7.8	09 55	2.1	22 25	2.7
28	TH ☾	04 21	7.5	17 06	7.1	10 46	2.7	23 23	3.3
29	F	05 33	7.0	18 25	6.7	11 57	3.2		
30	SA	06 55	6.9	19 45	6.8	01 00	3.5	13 42	3.2
31	SU	08 07	7.3	20 49	7.2	02 22	3.3	14 59	2.8

Time Zone UT(GMT)

APRIL 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	M	09 02	7.7	21 37	7.7	03 22	2.9	15 51	2.3
2	TU	09 47	8.2	22 15	8.2	04 08	2.4	16 31	1.9
3	W	10 27	8.6	22 50	8.5	04 48	2.0	17 09	1.6
4	TH	11 03	8.9	23 22	8.7	05 25	1.7	17 46	1.4
5	F ●	11 35	9.0	23 52	8.9	05 59	1.5	18 20	1.3
6	SA			12 05	9.1	06 30	1.4	18 49	1.2
7	SU	00 21	9.0	12 36	9.2	06 58	1.3	19 15	1.3
8	M	00 53	9.0	13 10	9.1	07 28	1.3	19 43	1.4
9	TU	01 27	8.9	13 48	9.0	08 02	1.5	20 14	1.6
10	W	02 04	8.7	14 30	8.7	08 40	1.7	20 51	2.0
11	TH	02 47	8.4	15 18	8.2	09 25	2.1	21 40	2.4
12	F ☽	03 39	7.9	16 20	7.7	10 26	2.4	22 54	2.8
13	SA	04 47	7.5	17 38	7.4	11 44	2.7		
14	SU	06 10	7.4	19 00	7.5	00 19	3.0	13 05	2.5
15	M	07 33	7.7	20 16	7.9	01 42	2.7	14 24	2.1
16	TU	08 42	8.3	21 19	8.6	02 54	2.2	15 32	1.4
17	W	09 38	9.0	22 10	9.1	03 54	1.6	16 29	0.9
18	TH	10 26	9.5	22 55	9.5	04 46	1.1	17 20	0.5
19	F ○	11 11	9.9	23 37	9.7	05 35	0.7	18 06	0.3
20	SA	11 54	10.0			06 19	0.5	18 48	0.3
21	SU	00 17	9.7	12 37	9.9	06 59	0.6	19 26	0.6
22	M	00 55	9.5	13 17	9.6	07 35	0.8	20 00	1.0
23	TU	01 34	9.2	13 58	9.1	08 10	1.1	20 33	1.5
24	W	02 13	8.8	14 40	8.4	08 47	1.6	21 08	2.1
25	TH	02 56	8.2	15 28	7.7	09 27	2.1	21 50	2.7
26	F ☾	03 46	7.7	16 28	7.1	10 16	2.6	22 43	3.2
27	SA	04 53	7.2	17 44	6.7	11 18	3.1	23 58	3.5
28	SU	06 15	7.0	19 02	6.8			12 44	3.2
29	M	07 27	7.2	20 06	7.1	01 32	3.4	14 08	2.9
30	TU	08 24	7.6	20 57	7.6	02 39	3.0	15 07	2.5

Time Zone UT(GMT)

MAY 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	W	09 12	8.0	21 39	8.0	03 30	2.6	15 53	2.0
2	TH	09 54	8.4	22 16	8.4	04 13	2.1	16 34	1.7
3	F	10 31	8.7	22 50	8.7	04 52	1.8	17 12	1.4
4	SA ●	11 05	8.9	23 23	8.9	05 28	1.6	17 47	1.3
5	SU	11 39	9.1	23 56	9.1	06 01	1.4	18 18	1.2
6	M			12 14	9.2	06 34	1.3	18 49	1.2
7	TU	00 30	9.1	12 52	9.2	07 08	1.2	19 22	1.3
8	W	01 08	9.1	13 32	9.1	07 47	1.3	19 59	1.6
9	TH	01 48	8.9	14 18	8.7	08 29	1.5	20 41	1.9
10	F	02 35	8.5	15 11	8.3	09 19	1.8	21 35	2.3
11	SA	03 31	8.1	16 15	7.9	10 20	2.2	22 44	2.6
12	SU)	04 40	7.8	17 27	7.6	11 31	2.3		
13	M	05 55	7.7	18 40	7.7	00 00	2.8	12 49	2.3
14	TU	07 10	7.9	19 54	8.0	01 20	2.6	14 07	1.9
15	W	08 18	8.4	20 56	8.5	02 32	2.1	15 12	1.4
16	TH	09 15	8.9	21 47	8.9	03 31	1.7	16 07	1.0
17	F	10 06	9.3	22 33	9.2	04 24	1.3	16 56	0.8
18	SA O	10 52	9.5	23 15	9.4	05 12	1.0	17 41	0.7
19	SU	11 36	9.6	23 54	9.4	05 56	0.9	18 22	0.8
20	M			12 17	9.4	06 36	1.0	18 58	1.0
21	TU	00 32	9.2	12 58	9.2	07 11	1.1	19 31	1.3
22	W	01 11	9.0	13 37	8.8	07 47	1.3	20 04	1.7
23	TH	01 49	8.7	14 17	8.3	08 25	1.7	20 41	2.1
24	F	02 30	8.3	15 00	7.8	09 05	2.0	21 23	2.6
25	SA	03 16	7.9	15 50	7.3	09 51	2.4	22 12	3.0
26	SU (	04 10	7.5	16 51	7.0	10 45	2.8	23 10	3.3
27	M	05 20	7.2	18 03	6.8	11 47	2.9		
28	TU	06 34	7.2	19 12	7.0	00 20	3.3	12 59	2.9
29	W	07 37	7.4	20 10	7.4	01 35	3.1	14 09	2.6
30	TH	08 30	7.7	20 57	7.8	02 37	2.8	15 05	2.3
31	F	09 15	8.1	21 39	8.2	03 27	2.4	15 52	1.9

Time Zone UT(GMT)

JUNE 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	SA	09 56	8.5	22 17	8.6	04 11	2.1	16 34	1.7
2	SU	10 35	8.8	22 54	8.9	04 51	1.7	17 13	1.4
3	M ●	11 14	9.0	23 32	9.1	05 31	1.5	17 50	1.3
4	TU	11 55	9.2			06 12	1.3	18 29	1.2
5	W	00 12	9.2	12 38	9.2	06 54	1.2	19 08	1.3
6	TH	00 54	9.2	13 23	9.1	07 38	1.2	19 51	1.4
7	F	01 39	9.1	14 12	8.9	08 26	1.3	20 38	1.7
8	SA	02 30	8.8	15 06	8.5	09 17	1.5	21 31	2.0
9	SU	03 26	8.5	16 05	8.2	10 14	1.7	22 32	2.3
10	M ☽	04 29	8.2	17 09	7.9	11 17	1.9	23 38	2.4
11	TU	05 36	8.1	18 16	7.9			12 28	2.0
12	W	06 44	8.1	19 25	8.0	00 52	2.4	13 42	1.9
13	TH	07 51	8.3	20 30	8.3	02 05	2.2	14 48	1.7
14	F	08 51	8.6	21 24	8.6	03 07	1.9	15 44	1.5
15	SA	09 45	8.8	22 12	8.8	04 02	1.7	16 34	1.3
16	SU	10 34	9.0	22 55	8.9	04 52	1.5	17 18	1.3
17	M ○	11 19	9.0	23 35	9.0	05 37	1.4	17 58	1.3
18	TU			12 01	9.0	06 17	1.4	18 33	1.4
19	W	00 14	9.0	12 42	8.8	06 53	1.4	19 07	1.6
20	TH	00 51	8.8	13 19	8.6	07 29	1.5	19 42	1.8
21	F	01 29	8.7	13 55	8.3	08 07	1.7	20 19	2.1
22	SA	02 07	8.4	14 33	8.0	08 46	1.9	20 59	2.4
23	SU	02 46	8.1	15 13	7.7	09 28	2.2	21 41	2.7
24	M	03 30	7.8	16 00	7.4	10 12	2.4	22 30	2.9
25	TU ☾	04 19	7.6	16 53	7.1	11 02	2.6	23 24	3.1
26	W	05 15	7.4	17 55	7.1	11 58	2.7		
27	TH	06 20	7.3	19 03	7.2	00 24	3.1	12 59	2.7
28	F	07 28	7.5	20 06	7.5	01 27	2.9	14 02	2.5
29	SA	08 27	7.8	20 58	7.9	02 28	2.7	15 02	2.2
30	SU	09 19	8.2	21 44	8.3	03 24	2.3	15 55	1.9

Time Zone UT(GMT)

JULY 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	M	10 06	8.6	22 28	8.8	04 16	1.9	16 42	1.6
2	TU ●	10 53	8.9	23 12	9.1	05 06	1.5	17 28	1.3
3	W	11 39	9.2	23 56	9.3	05 55	1.2	18 13	1.2
4	TH			12 25	9.3	06 44	1.0	18 59	1.1
5	F	00 41	9.4	13 13	9.3	07 33	0.9	19 45	1.2
6	SA	01 29	9.4	14 02	9.2	08 22	0.9	20 32	1.3
7	SU	02 19	9.3	14 53	8.9	09 12	1.0	21 22	1.6
8	M	03 13	9.0	15 47	8.6	10 04	1.3	22 14	1.9
9	TU ☽	04 10	8.7	16 44	8.2	10 58	1.6	23 12	2.2
10	W	05 11	8.3	17 46	7.9			12 00	1.9
11	TH	06 16	8.1	18 54	7.8	00 17	2.4	13 11	2.1
12	F	07 23	8.0	20 03	7.9	01 34	2.4	14 21	2.1
13	SA	08 28	8.1	21 03	8.1	02 44	2.3	15 21	2.0
14	SU	09 27	8.2	21 54	8.4	03 44	2.2	16 13	1.9
15	M	10 19	8.4	22 39	8.6	04 37	2.0	16 59	1.8
16	TU ○	11 05	8.5	23 19	8.8	05 23	1.8	17 39	1.7
17	W	11 47	8.6	23 57	8.8	06 02	1.7	18 14	1.7
18	TH			12 25	8.6	06 38	1.6	18 48	1.7
19	F	00 33	8.8	12 59	8.5	07 13	1.6	19 23	1.8
20	SA	01 07	8.7	13 31	8.3	07 49	1.6	19 58	1.9
21	SU	01 41	8.6	14 03	8.2	08 25	1.7	20 33	2.1
22	M	02 15	8.4	14 38	8.0	09 01	1.9	21 09	2.3
23	TU	02 53	8.2	15 18	7.8	09 38	2.1	21 49	2.6
24	W	03 35	8.0	16 03	7.5	10 18	2.4	22 38	2.8
25	TH ☾	04 23	7.7	16 55	7.3	11 08	2.6	23 35	3.0
26	F	05 18	7.5	17 56	7.2			12 07	2.7
27	SA	06 23	7.4	19 07	7.3	00 39	3.0	13 12	2.7
28	SU	07 38	7.5	20 18	7.6	01 45	2.8	14 20	2.5
29	M	08 45	7.9	21 16	8.2	02 49	2.5	15 23	2.1
30	TU	09 43	8.4	22 07	8.7	03 49	2.0	16 19	1.7
31	W	10 34	8.8	22 54	9.2	04 47	1.5	17 11	1.4

Time Zone UT(GMT)

AUGUST 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	TH ●	11 23	9.2	23 40	9.5	05 41	1.1	18 00	1.1
2	F			12 11	9.5	06 34	0.7	18 48	0.9
3	SA	00 26	9.8	12 58	9.6	07 23	0.5	19 34	0.8
4	SU	01 14	9.8	13 45	9.5	08 11	0.5	20 20	0.9
5	M	02 01	9.7	14 33	9.2	08 58	0.6	21 05	1.2
6	TU	02 51	9.4	15 22	8.8	09 45	1.0	21 51	1.6
7	W ☽	03 43	8.9	16 14	8.3	10 32	1.5	22 41	2.1
8	TH	04 41	8.4	17 13	7.8	11 26	2.0	23 40	2.5
9	F	05 46	7.8	18 21	7.5			12 35	2.5
10	SA	06 57	7.5	19 37	7.5	01 00	2.8	13 52	2.7
11	SU	08 09	7.5	20 44	7.7	02 23	2.8	14 59	2.6
12	M	09 12	7.7	21 38	8.1	03 32	2.5	15 56	2.4
13	TU	10 05	8.0	22 23	8.4	04 28	2.2	16 43	2.1
14	W	10 50	8.3	23 02	8.7	05 12	2.0	17 21	1.9
15	TH ○	11 29	8.4	23 38	8.9	05 47	1.8	17 56	1.8
16	F			12 03	8.5	06 20	1.6	18 30	1.7
17	SA	00 12	8.9	12 35	8.5	06 53	1.5	19 02	1.7
18	SU	00 43	8.9	13 04	8.5	07 26	1.5	19 35	1.7
19	M	01 12	8.8	13 33	8.4	07 59	1.6	20 05	1.9
20	TU	01 43	8.7	14 05	8.3	08 29	1.7	20 35	2.1
21	W	02 19	8.5	14 41	8.1	08 59	2.0	21 10	2.3
22	TH	02 59	8.3	15 23	7.9	09 32	2.2	21 54	2.6
23	F ☾	03 44	7.9	16 11	7.5	10 18	2.6	22 53	3.0
24	SA	04 38	7.6	17 10	7.2	11 22	2.9		
25	SU	05 43	7.3	18 22	7.2	00 03	3.1	12 37	3.0
26	M	07 04	7.3	19 46	7.5	01 16	3.0	13 52	2.8
27	TU	08 21	7.7	20 54	8.0	02 25	2.6	15 01	2.4
28	W	09 25	8.3	21 49	8.7	03 31	2.0	16 01	1.8
29	TH	10 18	8.9	22 37	9.3	04 31	1.4	16 54	1.3
30	F ●	11 07	9.4	23 23	9.8	05 27	0.8	17 45	0.9
31	SA	11 53	9.7			06 18	0.4	18 33	0.7

Time Zone UT(GMT)

SEPTEMBER 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	SU	00 08	10.1	12 39	9.8	07 06	0.2	19 18	0.6
2	M	00 53	10.1	13 22	9.7	07 52	0.3	20 01	0.7
3	TU	01 38	9.9	14 06	9.4	08 36	0.5	20 42	1.0
4	W	02 25	9.5	14 51	8.9	09 17	1.0	21 24	1.5
5	TH	03 14	8.9	15 40	8.4	09 59	1.6	22 08	2.1
6	F)	04 09	8.2	16 37	7.7	10 46	2.3	23 03	2.7
7	SA	05 16	7.5	17 48	7.3	11 52	3.0		
8	SU	06 32	7.1	19 10	7.2	00 26	3.1	13 22	3.2
9	M	07 50	7.1	20 23	7.5	02 05	3.1	14 38	3.1
10	TU	08 58	7.5	21 18	8.0	03 23	2.8	15 38	2.7
11	W	09 49	7.9	22 02	8.4	04 15	2.3	16 23	2.3
12	TH	10 30	8.2	22 40	8.7	04 52	2.0	17 00	2.0
13	F	11 05	8.5	23 15	9.0	05 24	1.7	17 35	1.8
14	SA O	11 37	8.7	23 47	9.0	05 55	1.5	18 08	1.6
15	SU			12 07	8.7	06 28	1.4	18 40	1.6
16	M	00 16	9.0	12 35	8.7	06 59	1.4	19 10	1.6
17	TU	00 44	9.0	13 03	8.7	07 28	1.5	19 37	1.7
18	W	01 14	8.9	13 34	8.6	07 54	1.7	20 05	1.9
19	TH	01 49	8.8	14 09	8.4	08 21	1.9	20 38	2.2
20	F	02 28	8.5	14 49	8.1	08 52	2.2	21 19	2.5
21	SA	03 13	8.1	15 36	7.7	09 32	2.6	22 17	2.9
22	SU (	04 07	7.6	16 35	7.3	10 40	3.0	23 35	3.1
23	M	05 18	7.3	17 53	7.2			12 08	3.2
24	TU	06 43	7.2	19 21	7.4	00 53	3.0	13 30	3.0
25	W	08 03	7.7	20 35	8.1	02 08	2.6	14 42	2.5
26	TH	09 09	8.3	21 31	8.8	03 16	1.9	15 43	1.9
27	F	10 02	9.0	22 19	9.5	04 16	1.2	16 37	1.3
28	SA ●	10 49	9.5	23 04	10.0	05 09	0.7	17 27	0.8
29	SU	11 33	9.8	23 48	10.2	05 58	0.3	18 13	0.6
30	M			12 15	9.9	06 44	0.2	18 57	0.5

Time Zone UT(GMT)

OCTOBER 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	TU	00 31	10.2	12 57	9.8	07 27	0.3	19 38	0.7
2	W	01 15	10.0	13 38	9.5	08 07	0.7	20 17	1.0
3	TH	01 59	9.5	14 21	9.0	08 45	1.3	20 55	1.6
4	F	02 45	8.8	15 07	8.4	09 22	1.9	21 37	2.2
5	SA ☽	03 39	8.0	16 02	7.8	10 04	2.7	22 29	2.8
6	SU	04 45	7.3	17 14	7.2	11 03	3.3	23 46	3.3
7	M	06 05	6.9	18 38	7.1			12 43	3.6
8	TU	07 25	6.9	19 51	7.4	01 36	3.3	14 09	3.4
9	W	08 33	7.3	20 48	7.9	02 57	2.9	15 11	3.0
10	TH	09 22	7.8	21 33	8.3	03 44	2.4	15 55	2.5
11	F	10 00	8.2	22 12	8.7	04 20	2.0	16 33	2.1
12	SA	10 35	8.6	22 47	8.9	04 52	1.7	17 08	1.8
13	SU ☽	11 07	8.8	23 20	9.1	05 26	1.5	17 43	1.7
14	M	11 38	8.9	23 49	9.1	05 59	1.4	18 15	1.6
15	TU			12 06	9.0	06 29	1.4	18 44	1.6
16	W	00 17	9.1	12 36	9.0	06 56	1.5	19 12	1.7
17	TH	00 49	9.0	13 08	8.9	07 23	1.7	19 43	1.8
18	F	01 25	8.9	13 43	8.7	07 53	1.9	20 18	2.1
19	SA	02 05	8.6	14 23	8.4	08 26	2.2	21 01	2.4
20	SU	02 51	8.2	15 11	7.9	09 09	2.7	21 59	2.8
21	M ☾	03 48	7.7	16 14	7.5	10 17	3.1	23 15	3.0
22	TU	05 03	7.3	17 34	7.3	11 45	3.3		
23	W	06 25	7.4	18 58	7.6	00 33	2.9	13 08	3.1
24	TH	07 44	7.8	20 12	8.2	01 50	2.4	14 22	2.5
25	F	08 50	8.4	21 10	8.9	02 59	1.8	15 23	1.9
26	SA	09 42	9.1	21 59	9.5	03 57	1.2	16 17	1.4
27	SU	10 28	9.5	22 44	9.9	04 48	0.7	17 06	1.0
28	M ●	11 11	9.8	23 28	10.1	05 35	0.5	17 52	0.7
29	TU	11 52	9.9			06 19	0.5	18 36	0.7
30	W	00 11	10.0	12 33	9.8	07 00	0.7	19 16	0.9
31	TH	00 54	9.7	13 13	9.5	07 37	1.0	19 54	1.2

Time Zone UT(GMT)

NOVEMBER 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	F	01 37	9.3	13 54	9.0	08 13	1.6	20 31	1.7
2	SA	02 21	8.6	14 39	8.5	08 49	2.2	21 13	2.2
3	SU	03 11	7.9	15 30	7.9	09 31	2.8	22 02	2.8
4	M)	04 13	7.3	16 38	7.4	10 25	3.4	23 07	3.2
5	TU	05 28	6.9	17 58	7.2	11 41	3.7		
6	W	06 44	6.9	19 10	7.4	00 35	3.3	13 18	3.7
7	TH	07 51	7.2	20 09	7.7	02 03	3.1	14 28	3.3
8	F	08 43	7.7	20 57	8.1	02 58	2.6	15 17	2.8
9	SA	09 24	8.1	21 39	8.5	03 39	2.2	15 59	2.4
10	SU	10 02	8.5	22 17	8.8	04 17	1.9	16 38	2.0
11	M	10 36	8.8	22 51	8.9	04 53	1.7	17 14	1.8
12	TU O	11 09	9.0	23 22	9.0	05 28	1.5	17 48	1.7
13	W	11 40	9.1	23 55	9.1	05 59	1.5	18 20	1.6
14	TH			12 13	9.1	06 29	1.5	18 53	1.7
15	F	00 30	9.1	12 48	9.1	07 00	1.6	19 28	1.7
16	SA	01 08	8.9	13 26	8.9	07 35	1.8	20 08	1.9
17	SU	01 51	8.7	14 09	8.6	08 15	2.2	20 55	2.2
18	M	02 40	8.3	15 00	8.2	09 03	2.5	21 52	2.5
19	TU C	03 40	7.9	16 03	7.9	10 08	2.9	23 00	2.7
20	W	04 50	7.6	17 17	7.7	11 23	3.1		
21	TH	06 03	7.6	18 32	7.9	00 12	2.6	12 40	2.9
22	F	07 17	7.9	19 44	8.3	01 28	2.3	13 55	2.5
23	SA	08 24	8.4	20 45	8.8	02 37	1.8	14 59	2.1
24	SU	09 19	8.9	21 38	9.3	03 35	1.4	15 54	1.6
25	M	10 07	9.3	22 26	9.6	04 26	1.0	16 45	1.3
26	TU ●	10 51	9.5	23 11	9.7	05 13	0.9	17 32	1.1
27	W	11 32	9.6	23 55	9.6	05 56	0.9	18 16	1.1
28	TH			12 12	9.5	06 36	1.1	18 57	1.2
29	F	00 37	9.4	12 53	9.3	07 12	1.4	19 35	1.4
30	SA	01 19	9.0	13 33	9.0	07 48	1.7	20 14	1.7

Time Zone UT(GMT)

DECEMBER 2019

BARROW (RAMSDEN DOCK)

Date		HEIGHTS ARE ABOVE CHART DATUM							
		High Water				Low Water			
		Morning		Afternoon		Morning		Afternoon	
		Time	m	Time	m	Time	m	Time	m
1	SU	02 01	8.5	14 16	8.6	08 25	2.2	20 55	2.1
2	M	02 46	8.0	15 02	8.2	09 07	2.7	21 41	2.5
3	TU	03 36	7.5	15 57	7.7	09 55	3.1	22 34	2.9
4	W)	04 36	7.1	17 04	7.4	10 53	3.4	23 35	3.1
5	TH	05 45	6.9	18 16	7.3			12 01	3.6
6	F	06 54	7.0	19 20	7.5	00 43	3.1	13 18	3.4
7	SA	07 53	7.4	20 15	7.7	01 53	2.9	14 24	3.1
8	SU	08 43	7.8	21 02	8.1	02 50	2.6	15 16	2.7
9	M	09 26	8.2	21 43	8.4	03 37	2.2	16 01	2.4
10	TU	10 04	8.5	22 21	8.6	04 19	2.0	16 43	2.1
11	W	10 41	8.8	22 58	8.9	04 57	1.8	17 21	1.9
12	TH O	11 17	9.1	23 36	9.0	05 33	1.6	17 59	1.7
13	F	11 55	9.2			06 09	1.5	18 38	1.6
14	SA	00 16	9.1	12 34	9.2	06 46	1.6	19 19	1.5
15	SU	00 59	9.1	13 16	9.2	07 26	1.7	20 04	1.6
16	M	01 44	8.9	14 02	9.0	08 10	1.9	20 52	1.8
17	TU	02 34	8.6	14 53	8.7	09 00	2.1	21 46	1.9
18	W	03 30	8.3	15 52	8.4	09 56	2.4	22 45	2.1
19	TH C	04 31	8.0	16 55	8.2	10 59	2.6	23 48	2.2
20	F	05 36	7.9	18 03	8.2			12 06	2.7
21	SA	06 44	7.9	19 13	8.3	00 58	2.2	13 21	2.6
22	SU	07 54	8.1	20 19	8.5	02 09	2.0	14 31	2.3
23	M	08 55	8.5	21 18	8.8	03 11	1.8	15 33	2.0
24	TU	09 47	8.8	22 10	9.0	04 05	1.5	16 27	1.7
25	W	10 34	9.1	22 58	9.1	04 54	1.4	17 17	1.5
26	TH ●	11 17	9.2	23 43	9.1	05 38	1.4	18 03	1.4
27	F	11 57	9.3			06 17	1.4	18 44	1.4
28	SA	00 25	9.0	12 37	9.2	06 53	1.6	19 22	1.5
29	SU	01 05	8.8	13 16	9.0	07 29	1.8	19 59	1.7
30	M	01 42	8.5	13 54	8.8	08 07	2.0	20 38	1.9
31	TU	02 19	8.2	14 34	8.5	08 46	2.3	21 19	2.2

Time Zone UT(GMT)