

DEUTSCHER WETTERDIENST

Seewetteramt

Einzelveröffentlichungen

Nr. 87

Meteorologische Beobachtungen
von deutschen Feuerschiffen
der Nord- und Ostsee

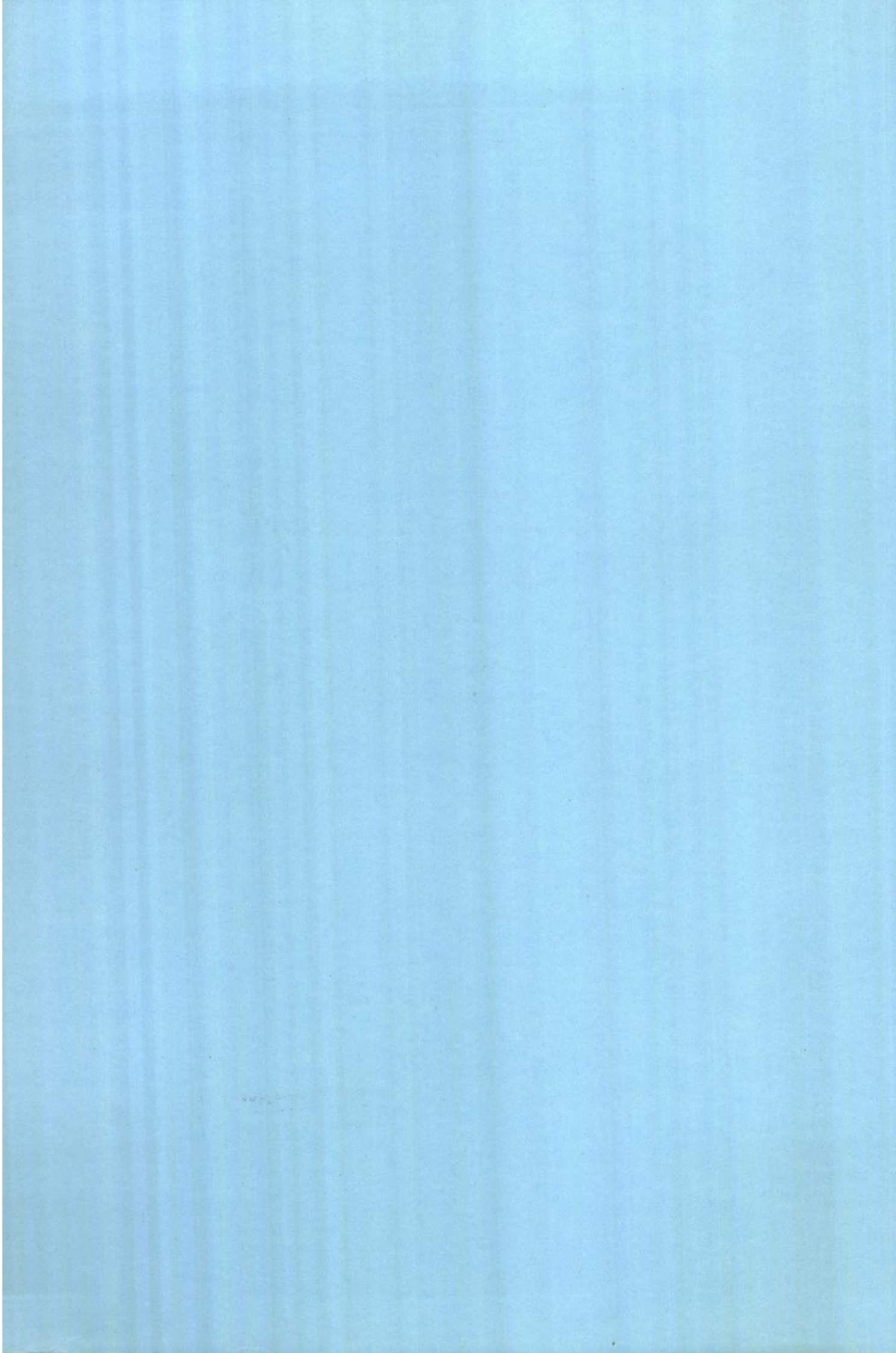
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1970



Hamburg

1974



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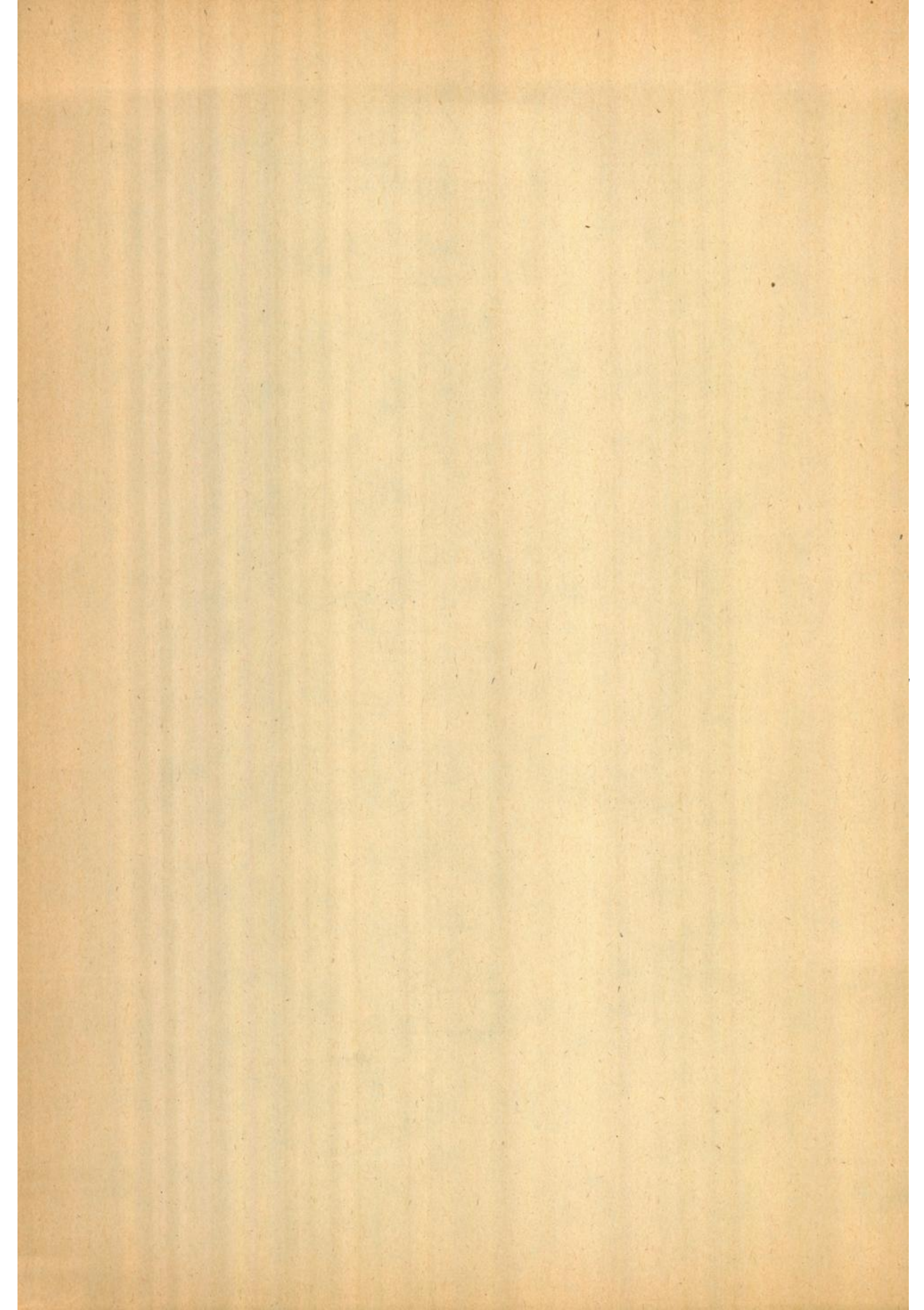
1970



Hamburg

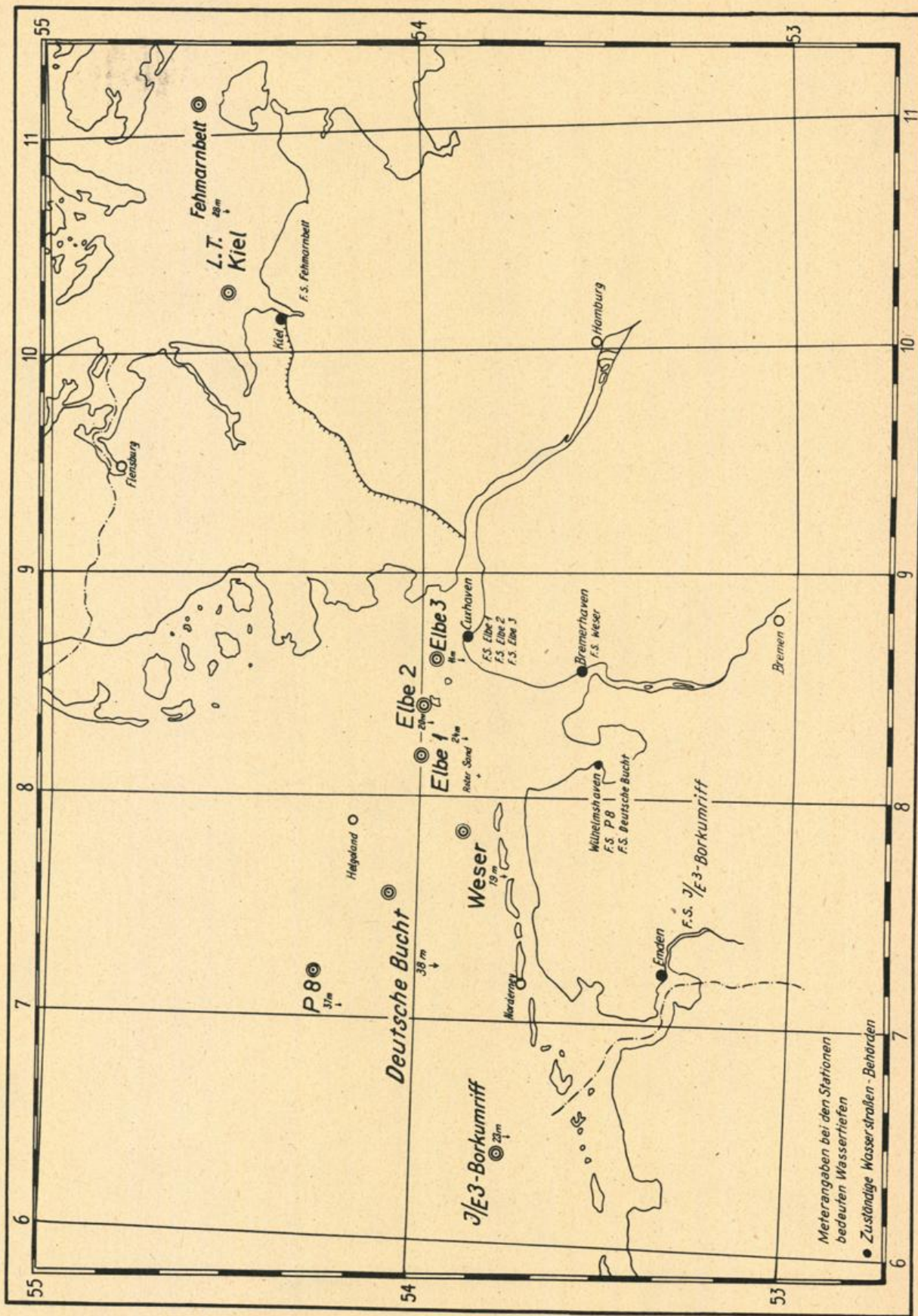
1974

Wetteramt München
Handbücher Nr. 5759



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Lage der deutschen Feuerschiffe in Nord- und Ostsee

Stationsverzeichnis

Im Jahre 1970 sind auf folgenden deutschen Feuerschiffen regelmässige Wetterbeobachtungen ausgeführt worden:

<u>Stationsbezeichnung</u>	<u>Position</u>	<u>Wassertiefe m</u>
<u>In der Nordsee:</u>		
+ J/E 3 - Borkumriff	53° 44'N 06° 24'E	23
P 8	54° 16'N 07° 12'E	37
Deutsche Bucht	54° 05'N 07° 34'E	38
Weser	53° 52'N 07° 50'E	19
+ Elbe 1	54° 00'N 08° 11'E	24
+ Elbe 2	54° 00'N 08° 24'E	20
Elbe 3	53° 58'N 08° 37'E	11
<u>In der Ostsee:</u>		
Leuchtturm Kiel	54° 30'N 10° 17'E	
Fehmarnbelt	54° 36'N 11° 09'E	28
+ Neue Positionen:		
J/E 3 - Borkumriff	53° 48'N 06° 22'E	seit 30. 9.
Elbe 1	54° 00'N 08° 07'E	seit 8.10.
Elbe 2	54° 00'N 08° 22'E	vorübergehend 9.10. -8.12.

Die Beobachtungen erfolgten bei den Stationen J/E 3 - Borkumriff, P 8, Deutsche Bucht, Weser, Elbe 1, Leuchtturm Kiel, Fehmarnbelt zu den internationalen synoptischen Terminen 00, 03, 06, 09, 12, 15, 18, 21 Uhr MGZ, bei den Stationen Elbe 2 und Elbe 3 zu den Terminen 00, 06, 12, 18 Uhr MGZ.

- - - - -

Namen der Beobachter:

Die Herren Kapitäne: Ahlf, Arp, Baumann, Behrens, Brandenburg, Brehmen, Buck, Bück, Diekhoff, Dillmann, Doose, Ehlers, Flatau, de Freese, Grelle, Gröschel, Gustafson, Heinrich, Krüger, Kruse, Kühl, Leu, Lindemann, Marchlewski, Moos, Rauterberg, Schroh, Steffens, Wienholtz, Wokersien, Wunderlich.

Für die freiwillige, unermüdliche Mitarbeit spricht der
 Deutsche Wetterdienst
 allen Beobachtern seinen verbindlichsten Dank aus, desgleichen den
 Wasser- und Schifffahrtsämtern für ihre Unterstützung.

Folgende Feuerschiffe befanden sich während des Jahres auf den Stationen

Stationen	Zeit	Name des Feuerschiffes	Zuständiges Wasser- und Schiffsamt
+ J/E	1. 1. - 17. 9.	"Borkumriff"	Emden
	17. 9. - 30. 9.	Station nicht besetzt	
	30. 9. - 31.12.	"Borkumriff"	
P 8	1. 1. - 10. 4.	"Aussenjade"	Wilhelmshaven
	10. 4. - 13. 5.	"Amrumbank"	
	13. 5. - 31.12.	"Aussenjade"	
Deutsche Bucht	1. 1. - 7. 4.	"Amrumbank"	Wilhelmshaven
	7. 4. - 16. 7.	Leuchttonne	
	16. 7. - 4.11.	"Amrumbank"	
	4.11. - 20.11.	Station nicht besetzt	
	20.11. - 31.12.	"Amrumbank"	
Weser	1. 1. - 30. 6.	"Norderney"	Bremerhaven
	30. 6. - 5. 8.	Station nicht besetzt	
	5. 8. - 31.12.	"Norderney"	
+ Elbe 1	1. 1. - 11. 3.	"Bürgermeister O`Swald"	Cuxhaven
	11. 3. - 13. 3.	"Elbe 3"	
	13. 3. - 11.11.	"Kiel"	
	11.11. - 31.12.	"Bürgermeister O`Swald"	
+ Elbe 2	1. 1. - 3. 6.	"Bürgermeister Bartels"	Cuxhaven
	3. 6. - 17. 7.	"Senator Brockes"	
	17. 7. - 31.12.	"Bürgermeister Bartels"	
Elbe 3	1. 1. - 11. 3.	"Elbe 3"	Cuxhaven
	11. 3. - 13. 3.	Leuchtboje	
	13. 3. - 31.12.	"Elbe 3"	
Fehmarnbelt	1. 1. - 28. 1.	"Fehmarnbelt"	Kiel
	28. 1. - 10. 2.	Station nicht besetzt	
	10. 2. - 17. 2.	"Fehmarnbelt"	
	17. 2. - 10. 3.	Station nicht besetzt	
	10. 3. - 12. 3.	"Kiel"	
	12. 3. - 25. 3.	Leuchttonne	
	25. 3. - 11.11.	"Fehmarnbelt"	
	11.11. - 21.11.	"Kiel"	
	21.11. - 31.12.	"Fehmarnbelt"	

+ Positionsveränderungen der Feuerschiffe J/E, Elbe 1 und Elbe 2
siehe S. III

VorbemerkungenErläuterungen zu den Extensotabellen

Im ersten Abschnitt dieses Jahrbuches (Seiten 1 - 104) werden die Beobachtungen der Feuerschiffs-Stationen

J/E 3 - Borkumriff, Elbe 1, Fehmarnbelt

zu den Terminen 00, 06, 12, 18 Uhr MGZ in Extenso mitgeteilt.

Die Tabellen enthalten der Reihe nach

T	Lufttemperatur in ° C	
U	Relative Feuchtigkeit in %	
T _w	Wassertemperatur in ° C	
V	Sichtweite	
P	Luftdruck in mb	
D	Windrichtung nach der 36- teiligen Skala in Zehnergraden,	
v	Windgeschwindigkeit in Knoten (sm/std).	
F	Windstärke in Beaufort-Graden	
	Die Windstärken 6 und 7 sind mit 1 Stern versehen,	
	die Windstärken 8 bis 12 mit 2 Sternen	
P _w	Wellenperiode der Windsee in Sekunden	
H _w	Wellenhöhe in 0,5 Metern (Schlüsselzahlen)	
N	Gesamtbedeckung	} nach der Skala im Internationalen Wetterschlüssel
N _h	Bedeckungsgrad der unteren Wolken	
C _L	Art der tiefen Wolken	
C _M	Art der mittelhohen Wolken	
C _H	Art der hohen Wolken	
ww	Gegenwärtiges Wetter	
W	Vergangenes Wetter seit dem letzten Beobachtungstermin	
R	Niederschlagsmenge um 6 und 18 Uhr	
	Summe von 18 Uhr des Vortages bis 6 Uhr des Beobachtungstages bzw. von 6 Uhr bis 18 Uhr desselben Tages	

Grössere Lücken treten regelmässig nur bei Wellenbeobachtungen auf, weil diese öfter, besonders nachts, nicht ausgeführt werden konnten. Grössere Unterbrechungen der Beobachtungstätigkeit kommen nur vor, wenn die Station nicht besetzt war.

Erläuterungen zu den Monatstabellen

Im zweiten Abschnitt (Seiten 105 - 122) sind die Mittelwerte und Häufigkeiten für 8 Feuerschiffe und 1 Leuchtturm-Station veröffentlicht, Die Werte wurden aus allen vorhandenen Beobachtungen errechnet. Klammern () um einen Monats- oder Jahresmittelwert bedeuten, dass dieser aus einer nicht vollständigen Beobachtungsreihe berechnet wurde, die Lücke jedoch den Umfang von 6 Tagen nicht überschreitet. Bei Unterbrechungen von mehr als 6 Tagen wurden Mittelwerte bzw. Niederschlagssummen nicht veröffentlicht.

Bei Ausfall von Niederschlagsbeobachtungen wurden Klammern um die monatliche oder jährliche Niederschlagssumme auch dann gesetzt, wenn sich beim Vergleich mit den Meldungen benachbarter Feuerschiffe oder aus der Wetterkarte ergab, dass keine oder nur unbedeutende Niederschläge während der Zeit des Ausfalls der Messungen gefallen sein konnten. Entsprechend wurde bei der Auszählung der Tage mit 0.1 mm usw. Niederschlag verfahren.

Die aufgeführten Extremwerte sind Terminwerte.

Die prozentischen Häufigkeitszahlen der Windrichtungen werden (abweichend von den Extenso-Tabellen) nach der 32-teiligen Skala der Windrose gegeben, um die Vergleichbarkeit mit den älteren Jahrbüchern aufrecht zu erhalten. Aus dem gleichen Grunde sind auch die Mittelwerte der Bewölkung weiterhin in Zehntel des Himmelsgewölbes umgerechnet worden.

Die Maximalwerte der Häufigkeitszahlen für Richtungen und Stärken des Windes sind unterstrichen.

Die Anzahl der Tage mit den einzelnen Wetterelementen in der Tabelle sind aus den Beobachtungsbüchern unter Beachtung der textlichen Eintragung fortlaufender Wetterbeobachtung ausgezählt worden. Als Tag zählt jeweils der Zeitraum von 0-24 Uhr MGZ, auch bei Niederschlag, bei Terminbeobachtungen 0.21 Uhr MGZ.

Abschliessend (Seiten 123 - 124)

sind für 6 Feuerschiffe Tabellen angefügt, die Häufigkeiten von Wellenhöhen -Schlüsselzahlen (Halbmeterstufen) enthalten aufgrund der Beobachtung kennzeichnender Wellenhöhen.

Zur Beobachtungsmethodik

Die Wetterbeobachtung an Bord der Feuerschiffe dient sowohl dem synoptischen Wetterdienst als auch dem Klimadienst und bildet die Grundlage für weitere Untersuchungen.

Der Beobachtungsdienst auf den Feuerschiffen wird nicht von Angehörigen des Deutschen Wetterdienstes ausgeübt, sondern geschieht dankeswerterweise von den Schiffsbesatzungen neben ihrem eigentlichen Dienst.

Die Beobachtungen sind in zwei grosse Gruppen aufgegliedert, die Instrumentalbeobachtungen und die Augenbeobachtungen.

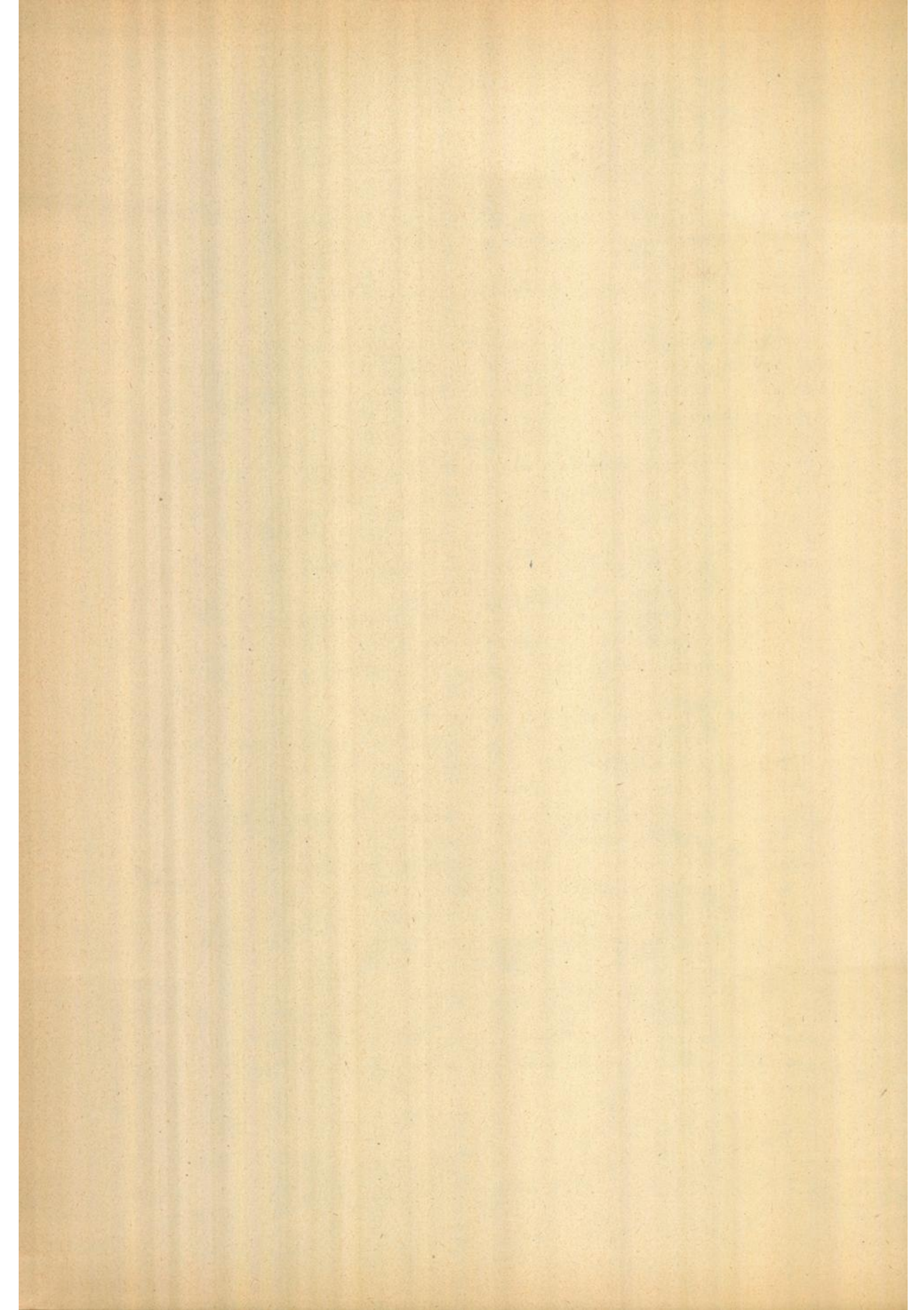
Die Augenbeobachtungen werden nach dem am 1. Januar 1960 eingeführten Wetterschlüssel verschlüsselt. Es sind dies:

Sichtweite, gegenwärtiges und vergangenes Wetter, Windrichtung und -stärke, Bedeckung des Himmels mit Wolken, Wolkenformen, Richtung und kennzeichnende Höhe der Wellen.

Instrumentell werden gemessen bzw. abgelesen:

Die Lufttemperatur mit dem strahlungsgeschützten Schleuderpsychrometer, auf der Luvseite des Schiffes (in etwa 4 m Meereshöhe),
die Wassertemperatur mit dem gummi-isolierten Wasserschöpfthermometer (Marinepütz),
die Windgeschwindigkeit nach der Registrierung des Schalenkreuz-Kontakt-Windmessers (in etwa 18 m Meereshöhe),
der Luftdruck am Aneroidbarometer,
die Niederschlagsmenge mit dem konischen Regenschirm (in 10 m Meereshöhe),
die Wellenperiode mit der Stoppuhr.

Die Relative Feuchte und der Taupunkt werden aus den Ablesungen am trockenen und am feuchten Thermometer mittels der Psychrometertafeln bestimmt.

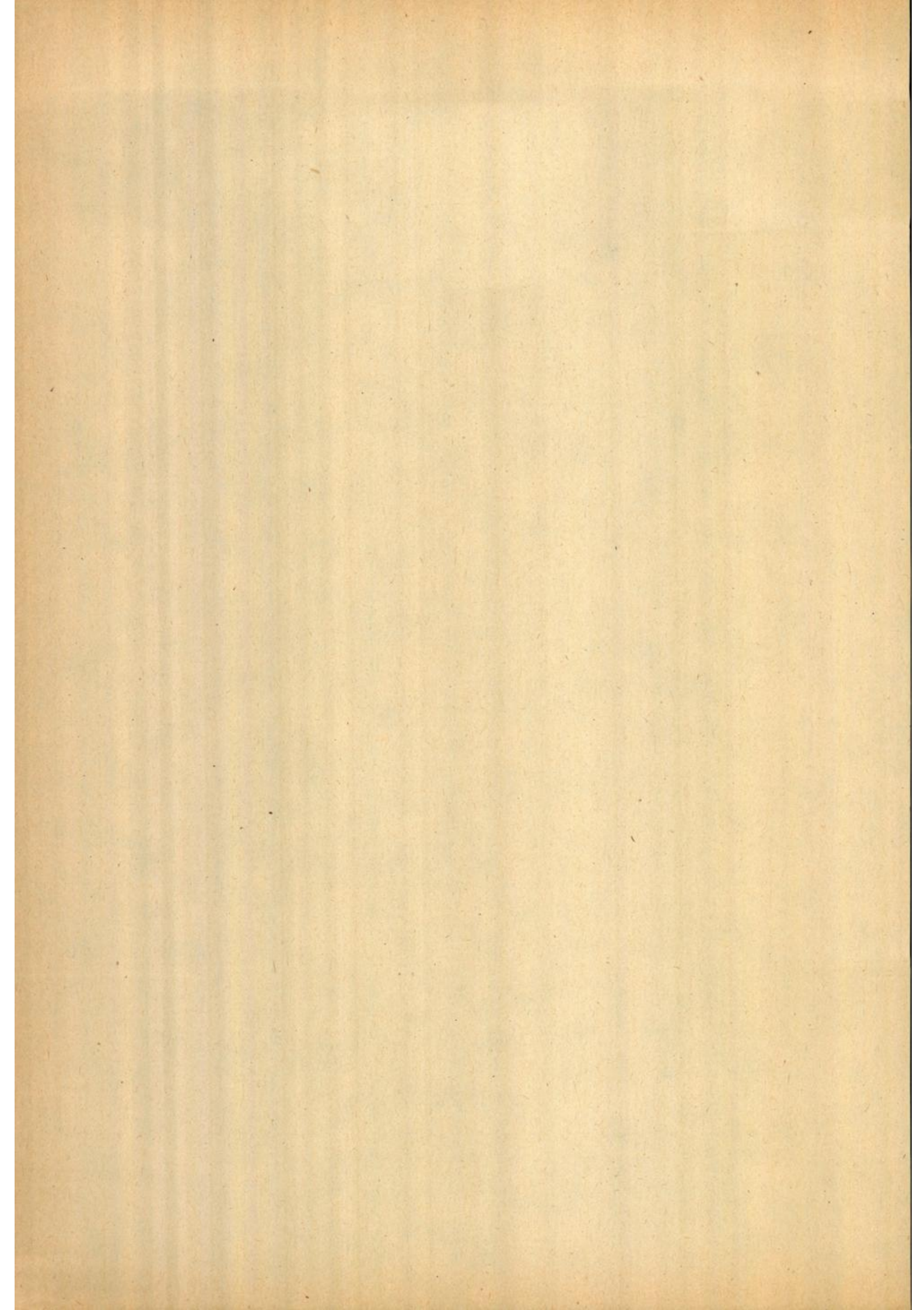


TERMINBEOBACHTUNGEN
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der Feuerschiffe

J / E 3 - Borkumriff	Seite: 1 - 33
Elbe 1	Seite: 34 - 69
Fehmarnbelt	Seite: 70 - 104

zu den Hauptterminen 00, 06, 12, 18 Uhr GMT



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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	2.5	78	2.0	98	1010	8	21	5			2					2	0	
	6	2.1	78	1.8	98	1008	7	16	5			3					2	0	.
	12	1.2	75	1.7	98	1007	4	5	2		1	3	1	5	3	1	2	0	
	18	1.1	91	1.7	98	1004	22	16	5			8					71	2	.
2	0	1.3	90	1.8	98	1001	24	22	6*			8					2	7	
	6	1.6	97	1.8	96	997	27	24	6*			8					68	7	3.0
	12	3.3	85	2.0	98	996	26	16	5		1	8	8	5			2	2	
	18	3.3	92	2.0	98	992	25	23	6*			8					2	7	1.2
3	0	1.8	95	1.7	98	994	34	17	5			3					87	7	
	6	2.0	80	1.7	98	994	28	16	5			4					70	7	1.5
	12	1.5	77	1.7	98	995	30	20	5	6	3	5	5	9	0	0	26	8	
	18	1.0	83	2.0	98	996	26	24	6*			4					26	8	1.0
4	0	2.1	93	2.0	98	996	27	30	7*			4					26	8	
	6	2.9	81	2.0	98	996	28	24	6*			8					70	7	1.6
	12	3.8	78	2.2	98	998	25	15	5		1	5	5	3	0	0	2	1	
	18	2.3	87	2.2	98	997	23	16	5			2					2	8	.2
5	0	.3	93	2.2	97	996	22	9	3			2					2	0	
	6	1.2	94	2.2	92	993	21	7	3								45	0	.
	12	.6	89	2.0	96	994	22	7	3		1	8	8	5			10	7	
	18	1.2	90	1.7	96	996	22	10	3			8					10	2	.0
6	0	1.2	93	1.7	96	998	23	14	4			6					10	2	
	6	.6	93	1.5	98	999	23	18	5			0	0	0	0	0	1	0	.
	12	1.0	90	2.5	97	999	17	23	6*	3	2	8	8	0	2		2	2	
	18	.5	91	2.1	96	1000	18	14	5			8					70	7	.3
7	0	.9	88	1.9	97	1005	16	6	3			8					2	2	
	6	1.8	95	1.5	97	1010	33	14	4			8					2	2	.0
	12	1.5	90	2.2	97	1017	4	13	4		1	7	7	5			2	2	
	18	.5	83	2.2	97	1022	9	8	3			4					1	2	.
8	0	1.5	90	2.3	95	1025	12	14	4			8					10	4	
	6	2.0	80	2.2	96	1024	15	18	5			8					10	2	.
	12	2.4	84	2.2	96	1024	11	24	6*	3	3	7	5	3	2	0	10	2	
	18	3.9	93	2.2	96	1021	13	32	7*			8					10	2	.
9	0	2.8	86	1.8	96	1016	12	38	8**			6					10	2	
	6	2.9	84	2.0	95	1012	13	38	8**			8					73	2	.0
	12	.5	83	2.0	97	1009	14	36	8**	3	5	7	3	2	2	0	1	2	
	18	1.1	87	2.1	96	1007	14	23	6*			8					88	2	1.8
10	0	2.3	89	2.0	96	1007	16	23	6*			8					10	2	
	6	1.6	92	2.0	96	1007	16	19	6*			4					10	0	.
	12	1.0	86	1.4	96	1005	14	18	5	3	2	6	3	0	5	3	10	1	
	18	1.6	85	2.1	96	1001	13	21	6*			8					61	2	.3

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	1.8	93	1.9	96	999	16	17	5				8				10	6	4.0
	6	2.0	93	2.4	96	999	16	14	4				6				10	2	
	12	2.5	90	2.2	96	997	15	17	5	3	1	6	6	0	3	0	10	2	
	18	2.8	92	2.6	96	994	14	15	5				6				10	2	
12	0	3.9	85	2.3	96	993	15	17	5				8				10	2	.7
	6	3.1	95	2.3	96	993	17	16	5				8				10	6	
	12	2.5	94	2.1	95	995	17	12	4	2	1	8	6	7	2		61	2	
	18	1.6	95	2.2	95	996	15	13	4				8				10	6	
13	0	2.0	92	2.2	95	996	18	8	3				8				10	2	.
	6	1.2	95	2.0	94	997	13	12	4				8				42	4	
	12	2.3	93	2.4	94	999	16	12	4	2	2	8	6	7	1		10	4	
	18	2.6	90	2.0	94	1000	17	14	4				8				10	2	
14	0	2.0	93	1.8	94	1000	15	14	4				8				10	2	.
	6	2.5	92	2.0	96	1000	16	15	4				8				10	2	
	12	2.8	92	2.3	96	1000	12	11	3	2	1	4	3	0	3	2	10	1	
	18	2.5	90	2.4	96	1000	11	20	5				7				10	1	
15	0	1.9	93	2.0	95	999	11	18	5				7				10	2	.
	6	1.0	90	2.1	95	998	10	20	5				8				10	2	
	12	1.1	91	2.3	94	999	11	19	5	3	3	8	8	6			10	2	
	18	1.5	93	2.1	95	1000	9	20	5				8				61	2	
16	0	1.0	97	2.2	95	1003	9	20	5				8				61	5	5.1
	6	.5	95	2.0	96	1005	9	30	7*				8				61	6	
	12	.8	96	2.0	94	1010	9	31	7*	3	3	8	8	6			73	7	
	18	.4	94	2.1	96	1013	9	32	7*				8				70	7	
17	0	1.1	87	1.8	97	1016	9	32	7*				8				70	7	.
	6	1.1	85	1.8	97	1018	10	30	7*				8				71	7	
	12	2.5	82	2.0	96	1021	11	24	6*	3	2	8	6	7	2		10	2	
	18	2.8	79	1.8	96	1022	11	28	7*				8				10	2	
18	0	2.7	80	1.8	98	1022	12	23	6*				8				2	2	.
	6	1.9	78	1.5	98	1022	13	25	6*				8				2	2	
	12	1.9	78	1.7	97	1023	13	21	6*	3	2	8	8	0	2		2	2	
	18	1.6	80	1.5	97	1023	13	22	6*				5				1	2	
19	0	3.0	87	1.5	96	1026	13	20	5				8				10	2	.
	6	4.1	87	1.4	96	1026	13	20	5				8				10	2	
	12	3.9	93	1.2	95	1027	15	15	4	3	1	7	7	0	2		10	2	
	18	3.9	93	1.3	95	1028	14	13	4				8				10	2	
20	0	4.7	95	1.1	92	1027	14	14	4								45	4	.
	6	5.5	90	.7	93	1025	14	10	4								45	4	
	12	5.1	89	.9	94	1025	12	13	5	3	1	8	8	6			10	4	
	18	3.5	92	.9	96	1024	14	24	6*				6				10	2	

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	4.2	87	.9	97	1024	13	23	6*			4					2	0	
	6	4.4	99	.8	96	1023	14	18	5			3					10	0	.
	12	4.3	77	1.0	96	1023	13	20	5	3	1	5	3	0	9	2	10	1	
	18	1.6	73	.9	96	1021	14	19	5			2					10	0	.
22	0	2.6	78	.9	96	1022	14	23	6*			0	0	0	0	0	10	0	
	6	4.3	69	.5	96	1019	14	21	5			0	0	0	0	0	10	0	.
	12	3.5	83	.7	96	1019	14	20	6*	4	2	4	4	5	0	0	10	0	
	18	2.8	82	.5	96	1017	12	21	6*			8					10	2	.
23	0	2.4	80	.6	96	1017	13	22	6*			8					10	2	
	6	2.6	82	.5	96	1015	14	23	6*			8					10	2	.
	12	1.5	90	.5	95	1014	13	23	6*	3	2	8	8	0	2		10	2	
	18	1.1	88	.3	95	1010	12	26	7*			8					10	2	.
24	0	1.3	90	.3	96	1010	11	22	6*			8					10	2	
	6	.7	87	.0	96	1008	11	19	5			8					10	2	.
	12	.5	83	.3	96	1009	10	21	5	3	2	7	7	5			10	2	
	18	1.0	90	.4	96	1010	11	16	5			8					10	2	.
25	0	.3	86	.5	96	1011	13	11	4								10	2	
	6	.0	95	.3	92	1010	14	16	5								45	4	.
	12	1.2	96	.5	94	1010	14	17	5		1	8	8	6			51	4	
	18	.9	93	.2	92	1009	14	16	5								45	5	2.0
26	0	1.8	97	.5	93	1008	18	18	5								51	6	
	6	1.6	97	.5	92	1010	27	14	4								45	4	9.4
	12	3.0	98	.6	92	1014	26	3	2		1						45	4	
	18	.8	96	.6	92	1015	23	8	3								45	4	.
27	0	1.3	97	.6	93	1015	16	9	3								45	4	
	6	1.0	97	.5	93	1015	19	4	2								51	4	1.4
	12	1.2	96	.5	96	1017	9	4	2			8	8	5			10	4	
	18	.7	96	.6	96	1021	2	8	3			8					2	7	1.4
28	0	1.4	90	.6	97	1023	23	4	2			8					2	2	
	6	1.7	92	.5	98	1024	23	6	3			6					2	2	.
	12	1.2	94	.5	92	1025	23	10	3		1						45	4	
	18	.8	96	.8	92	1025	13	4	2								47	4	.
29	0	1.0	85	1.0	97	1024	16	6	2			0	0	0	0	0	2	0	
	6	1.1	94	.8	92	1022	14	6	2								45	1	.
	12	.6	96	.6	92	1021	13	10	3		1						45	4	
	18	1.0	96	.7	95	1017	11	20	5			8					28	4	.
30	0	.9	93	.5	96	1013	12	19	5			8					10	2	
	6	.2	91	1.0	96	1010	11	20	5			8					10	2	.
	12	1.5	83	.3	96	1010	8	22	6*	3	2	6	6	5			10	2	
	18	1.4	75	.6	98	1013	6	22	6*			8					2	2	.
31	0	2.2	78	.5	98	1018	7	22	6*			8					2	2	
	6	2.9	85	.4	98	1023	8	21	5			8					2	2	.
	12	1.4	92	.5	98	1026	16	8	3			5	5	5			1	2	
	18	2.8	75	.5	98	1026	11	4	2			1					2	1	.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	4.4	73	.4	98	1025	18	20	5			0	0	0	0	0	2	0	
	6	5.0	70	.2	98	1020	17	22	6*			0	0	0	0	0	2	0	.
	12	5.0	70	.2	97	1017	16	22	6*	4	2	0	0	0	0	0	2	0	
	18	2.1	70	.1	97	1013	17	25	6*			2					2	0	.
2	0	4.0	72	.1	97	1007	18	26	6*			0	0	0	0	0	2	0	
	6	2.9	90	.0	96	996	18	32	7*			8					66	1	.0
	12	2.4	95	.4	96	993	23	20	5	3	2	4	0	0	3	0	10	5	
	18	2.3	92	.5	98	992	24	22	6*			5					2	1	2.2
3	0	1.6	92	.1	98	988	21	14	4			8					2	6	
	6	3.1	91	.4	97	988	25	28	7*			8					2	2	.1
	12	4.3	75	.7	97	990	27	34	8**	6	6	7	7	5			1	8	
	18	4.5	90	1.0	97	992	27	36	8**			4					2	1	.0
4	0	4.1	94	.8	97	994	27	37	8**			2					2	2	
	6	3.5	94	.6	97	995	27	28	7*			0	0	0	0	0	2	0	.
	12	3.0	92	1.0	96	995	23	18	5		2	4	0	0	0	2	10	0	
	18	2.4	92	.7	97	992	24	18	5			7					2	2	.
5	0	1.9	92	.5	98	994	26	14	4			8					2	6	
	6	1.0	93	.5	95	994	23	12	4			8					51	5	3.4
	12	.5	91	.8	97	997	6	16	5		1	8	5	6	2		23	5	
	18	.9	93	.4	98	1000	6	20	5			7					2	2	.2
6	0	.9	79	.8	98	1004	4	12	4			8					2	2	
	6	1.1	75	.7	98	1006	35	6	2			2					1	0	.
	12	.8	86	.8	98	1009	31	14	4			4	2	3	6	2	26	7	
	18	1.0	90	.4	98	1010	28	12	2			2					2	0	.4
7	0	.7	90	.5	98	1009	23	22	6*			2					1	8	
	6	.9	93	.5	96	1005	21	22	6*			5					3	1	.0
	12	.4	84	.7	96	998	19	32	7*	3	2	8	6	6	2		68	2	
	18	.8	95	.6	96	991	21	28	7*			8					61	8	1.4
8	0	1.8	92	1.0	97	991	26	24	6*			4					1	2	
	6	2.9	86	1.0	98	993	26	22	6*			4					2	8	2.2
	12	2.5	92	1.1	98	996	27	21	6*	3	1	5	5	0	6	0	2	2	
	18	2.0	92	.7	98	996	25	18	5			7					3	2	.
9	0	2.4	89	.8	98	994	24	17	5			0	0	0	0	0	2	0	
	6	1.9	92	.9	97	991	24	14	4			6					3	1	.
	12	2.3	90	1.0	98	992	29	14	4	3	1	5	3	3	7	0	87	7	
	18	2.0	88	.9	98	992	24	17	5			7					2	8	4.9
10	0	1.4	92	.9	98	991	24	10	3			8					23	1	
	6	1.4	92	.8	98	992	25	12	4			6					3	1	.6
	12	1.2	95	1.0	98	994	21	9	3			6	6	0	6	0	1	7	
	18	1.3	93	1.0	98	996	32	5	3			4					2	1	.5

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	1.1	93	.7	98	999	28	8	3			0	0	0	0	0	2	0	
	6	1.4	95	.9	98	1001	30	4	2			3					2	0	.
	12	2.4	92	1.0	97	1005	16	2	1			7	5	7	2		2	2	
	18	.3	95	1.0	96	1009	10	4	2			6					10	2	.0
12	0	.1	85	.7	98	1010	15	10	3			1					0	1	
	6	1.2	96	.8	95	1007	15	14	4			8					10	1	.
	12	.2	89	.7	95	1002	13	17	5	2	1	8	8	6			10	4	.
	18	.0	89	.8	96	996	9	26	6*			8					10	2	.
13	0	.4	84	.6	96	993	6	30	7*			8					10	2	
	6	.2	91	.8	96	998	2	24	6*			8					10	2	.
	12	.1	84	.7	98	1004	1	15	5	99	1	5	5	1	0	0	1	2	
	18	.9	74	.8	98	1007	17	2	1			2					0	1	.
14	0	.4	93	.6	97	1008	18	14	4			8					2	7	
	6	.7	89	.7	97	1008	11	8	3			8					2	2	.0
	12	1.2	89	.6	97	1011	10	9	4	3	1	6	4	7	2	0	1	7	
	18	2.3	72	.4	98	1013	6	10	3			2					1	1	.
15	0	2.3	82	.4	98	1014	15	4	2			0	0	0	0	0	2	0	
	6	2.6	74	.4	96	1014	23	18	5			4					22	1	.0
	12	1.5	85	.4	98	1014	30	11	3	3	2	6	6	1	0	0	1	7	
	18	.7	67	.4	98	1014	35	6	2			2	2	4	0	0	2	0	1.9
16	0	1.3	90	.4	92	1012	20	17	5								47	2	
	6	1.7	82	.4	96	1007	20	24	6*			8					10	2	.
	12	1.5	80	.7	98	1006	30	13	4			5	2	3	6	0	2	7	
	18	.6	84	1.0	98	1008	36	25	7*			4	4	6	0	0	22	7	.
17	0	1.3	75	.6	98	1014	1	17	5			4					22	1	
	6	1.3	88	.6	98	1014	19	10	3			4					22	7	.6
	12	2.9	85	.6	98	1011	17	23	6*	4	2	8	0	0	1		2	2	
	18	2.8	88	.5	96	1003	12	29	7*			8					71	7	.0
18	0	2.8	94	.5	96	1001	9	34	8**			8					73	7	
	6	2.2	90	.4	96	1007	6	28	7*			8					71	7	.8
	12	2.2	80	.4	97	1016	6	20	5	5	3	6	6	5	0	0	2	2	
	18	2.2	76	.3	98	1021	9	11	4			4					2	2	.
19	0	2.2	76	.1	97	1023	15	17	5			7					2	2	
	6	4.0	80	.0	97	1019	16	24	6*			8					2	2	.
	12	3.2	87	.1	95	1017	16	28	7*	4	3	8	8	0	2		73	7	
	18	1.3	88	.0	93	1015	17	22	6*								47	2	.0
20	0	.7	95	.5	92	1005	16	26	6*								63	7	
	6	2.6	90	.5	98	999	23	25	6*			3					2	6	9.5
	12	3.0	89	.9	98	997	23	24	6*	3	3	8	8	5			2	6	
	18	3.4	91	1.0	96	990	25	43	9**			8					61	7	2.5

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	3.2	89	1.2	98	1001	33	29	7*			8						2	6	3.0
	6	2.6	90	1.4	97	1005	35	11	4			4						2	2	
	12	2.6	87	2.0	97	1006	12	8	3			4	4	0	3	0		1	2	
	18	.3	93	1.8	96	1005	10	15	4			8						10	2	
22	0	1.3	95	1.5	96	1002	14	25	6*			8						61	7	13.0
	6	2.4	95	1.2	97	999	25	12	4			6						2	6	
	12	4.5	90	2.0	97	1002	25	17	5	4	2	7	0	0	3			2	2	
	18	3.2	95	2.0	96	1000	21	13	4			8						51	5	
23	0	3.6	98	2.0	96	997	33	10	3			8						61	6	15.0
	6	3.5	94	2.0	97	1002	31	20	5			5						2	6	
	12	4.4	87	2.4	97	1006	27	14	4	4	2	3	0	0	0	2		2	0	
	18	3.4	89	2.2	98	1007	24	16	5			8						2	2	
24	0	3.8	92	2.5	97	1006	24	18	5			8						2	6	1.3
	6	3.0	98	2.3	97	1006	26	13	4			8						61	2	
	12	4.0	89	2.5	97	1009	30	17	5	4	1	3	1	2	0	1		2	6	
	18	4.0	91	2.5	97	1011	28	16	4	4	1	6	6	5				2	2	
25	0	3.2	94	2.4	97	1011	25	13	4			8						2	5	.3
	6	3.0	94	2.3	96	1011	24	8	3			7						10	2	
	12	3.4	92	2.5	98	1013	31	10	4			1	5	3	2	3	0	2	2	
	18	3.0	92	2.4	98	1015	36	4	2			1	3	3	5	0	0	2	1	
26	0	2.7	94	2.3	98	1017	11	8	3			8						2	2	.0
	6	1.4	95	2.4	92	1019	7	11	4									47	4	
	12	2.0	88	2.5	97	1022	6	13	4	3	1	8	8	5				2	2	
	18	.8	93	2.1	96	1023	6	14	4	4	1	8	8	6				10	7	
27	0	1.2	85	2.2	97	1024	4	13	4			8						2	2	.0
	6	.2	86	2.3	96	1025	6	15	4			8						10	2	
	12	.6	85	2.3	96	1026	4	21	6*	4	2	8	8	6				10	7	
	18	.5	89	2.0	97	1026	5	23	6*	5	3	8	8	5				2	2	
28	0	1.2	85	2.0	97	1028	6	25	6*			8						2	2	.0
	6	.9	79	2.0	98	1028	3	26	6*			3						1	1	
	12	1.2	80	2.3	98	1029	4	23	6*	6	4	2	2	1	0	0		2	0	
	18	1.4	81	2.4	98	1028	2	17	5	5	3	2	2	1	0	0		2	0	

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	2.4	84	2.0	98	1026	31	10	3				0	0	0	0	0	2	0	
	6	2.9	87	2.3	98	1022	27	15	4				8					2	2	
	12	3.0	88	2.0	96	1016	26	26	6*	5	3	8	8	0	2			61	6	
	18	3.8	96	2.4	96	1008	27	20	5			8						61	6	3.2
2	0	3.3	95	2.2	98	1001	28	20	5				8					2	6	
	6	1.8	87	2.3	98	997	34	18	5				7					22	2	3.7
	12	1.8	79	2.3	98	999	30	11	4	5	3	3	1	2	0	5		3	8	
	18	2.3	82	2.4	98	996	31	21	5		2	6						26	8	.2
3	0	2.3	87	2.4	98	996	32	19	5				0	0	0	0	0	2	0	
	6	1.9	85	2.4	98	995	31	17	5				7					3	8	.3
	12	2.2	82	2.4	98	995	30	12	4		2	5	5	2	0	0		1	8	
	18	1.6	93	2.3	98	996	30	13	4		1	6	6	9				2	2	.3
4	0	2.0	85	2.3	98	997	27	10	3				4					2	0	
	6	.8	91	2.3	98	997	24	13	4				6					3	1	.0
	12	.9	90	2.3	98	998	17	12	4	3	1	8	5	7	2			2	2	
	18	1.2	91	2.1	97	999	12	12	4	3	1	6	6	0	7			3	2	.
5	0	1.4	81	2.3	97	1001	8	15	4				7					3	1	
	6	.9	90	2.0	96	1002	3	14	4				5					10	2	.
	12	1.5	77	2.4	97	1003	1	22	6*	3	2	5	2	0	9	2		3	1	.
	18	2.0	77	2.1	98	1003	36	26	7*	4	4	7	2	1	6			3	1	.
6	0	2.4	67	2.5	98	1003	34	28	7*				7					2	2	
	6	1.9	85	2.5	98	1004	34	30	8**				7					2	8	.0
	12	3.1	84	2.5	98	1005	30	22	6*	3	2	5	3	2	7	0		85	8	
	18	2.9	80	2.4	98	1006	28	19	5	3	2	3	3	0	4	0		1	8	.3
7	0	2.5	87	2.4	98	1006	27	21	6*				3					22	8	
	6	1.4	90	2.4	97	1005	22	20	5				7					23	8	.1
	12	3.0	86	2.6	98	1007	27	18	5	3	1	7	5	7	2			87	7	
	18	3.0	81	2.5	98	1010	27	13	4	99	1	1	0	0	0	2		1	1	.6
8	0	2.4	84	2.1	98	1011	21	8	3				2					1	0	
	6	.3	91	2.1	96	1010	11	6	2				2					10	0	.
	12	2.4	81	2.1	96	1009	6	10	3				6	0	0	0	2	10	1	
	18	1.8	87	2.3	98	1009	6	13	4				7	7	0	7		3	2	.
9	0	1.0	95	2.1	94	1009	3	2	2				8					75	7	
	6	.6		2.0	96	1009	27	6	2				8					10	7	2.5
	12	1.8	83	2.3	98	1011	17	4	2				7	7	0	7		3	7	
	18	1.6	92	2.3	97	1014	28	5	2				4	0	0	0	1	1	7	.0
10	0	2.0	85	2.4	98	1016	23	12	4				1					2	0	
	6	.4	88	2.1	96	1017	20	8	3				6					28	1	.
	12	2.8	75	2.6	96	1018	16	8	3	99	1	4	0	0	0	2		10	0	
	18	2.3	85	2.3	96	1019	14	6	3				3	0	0	0	2	10	1	.

1970 MAERZ

FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	2.1	79	2.7	96	1019	21	14	4				3				10	0	
	6	1.1	84	2.3	96	1019	19	20	5				3				10	0	.
	12	2.7	75	2.5	96	1018	18	21	6*	3	2	2	0	0	0	2	10	0	
	18	2.9	81	2.6	96	1016	16	20	5	3	2	4	0	0	0	6	10	0	.
12	0	1.8	85	2.1	96	1015	15	20	5				0	0	0	0	10	0	
	6	1.2	83	2.2	96	1014	14	19	5		1	6	4	0	7	3	10	1	.
	12	2.7	83	2.4	96	1015	11	15	5	3	2	6	6	0	3	0	10	2	
	18	1.6	90	2.4	95	1015	8	26	6*	3	3	3	0	0	0	6	10	4	.
13	0	1.1	91	2.2	96	1018	9	19	5				8				10	2	
	6	.6	84	2.6	96	1019	6	18	5				8				10	2	.
	12	1.5	77	2.3	96	1021	6	16	5	99	1	8	5	7	2		10	2	
	18	1.4	86	2.5	96	1022	5	14	4	3	1	8	5	7	2		10	2	.
14	0	.7	90	2.3	96	1024	8	22	5				8				10	2	
	6	.0	89	2.2	96	1025	6	18	5				8				10	2	.
	12	.5	80	2.1	97	1026	7	19	5	3	2	7	5	7	2		2	2	
	18	.6	60	2.0	96	1025	5	16	5	3	2	7	5	8	7		10	2	.
15	0	1.2	81	2.0	97	1026	5	8	3				6				1	2	
	6	1.9	90	1.9	96	1023	27	12	4				8				10	1	.
	12	3.5	99	2.2	92	1022	27	12	4	3	1						51	5	
	18	3.9	95	2.2	92	1021	33	14	4								45	5	1.8
16	0	2.6	97	2.4	97	1024	35	20	5				8				50	5	
	6	3.3	91	2.2	97	1024	34	18	5				8				2	8	1.2
	12	4.7	90	2.5	97	1025	30	12	4	3	2	7	5	7	2		2	5	
	18	4.3	88	2.5	97	1023	26	14	4		1	7	7	0	7		2	2	.0
17	0	3.1	97	2.1	96	1019	25	19	5				7				10	2	
	6	3.5	94	2.3	96	1011	24	22	6*	4	2	6	6	6			10	2	.
	12	4.3	97	2.5	96	1006	25	28	7*	3	4	8	8	6			61	6	
	18	4.7	94	2.4	96	1002	26	23	6*	3	3	8	5	7	2		10	2	3.5
18	0	4.5	94	2.5	96	996	26	21	6*				7				10	2	
	6	4.3	94	2.8	97	992	29	21	5	3	2	4	4	0	7		1	6	.0
	12	3.8	94	2.6	98	993	27	21	6*	4	2	7	7	5			2	2	
	18	4.5	88	2.8	97	993	28	22	6*	4	2	6	6	5	0	0	2	2	.0
19	0	3.6	94	2.8	98	994	27	20	5				0	0	0	0	2	0	
	6	3.5	97	2.6	98	997	30	26	6*	5	4	7	7	5			2	2	.
	12	5.2	94	2.8	97	1005	31	28	7*	6	6	0	0	0	0	0	2	0	
	18	4.2	94	3.2	97	1010	30	30	7*	6	6	2	2	2	0	0	3	1	.
20	0	3.6	97	3.2	98	1014	31	24	6*				2				2	0	
	6	3.5	97	3.0	98	1014	24	12	4		1	8	8	5			2	2	.
	12	4.5	94	3.3	96	1009	22	23	6*		1	8	8	0	2		60	6	
	18	5.6	91	3.3	97	1009	28	23	6*	5	2	2	0	0	4	0	1	2	1.3

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	5.0	88	3.1	98	1011	27	24	6*			0	0	0	0	0	2	0	
	6	4.8	96	3.1	98	1013	28	22	6*	5	3	1	0	0	0	2	2	0	.
	12	5.0	93	3.5	97	1015	25	12	4		1	7	1	0	4	2	2	0	
	18	5.4	94	3.4	96	1012	24	16	5			8	8	6			10	4	.
22	0	5.0	97	3.3	97	1008	21	20	5			8					51	5	
	6	4.7	90	3.3	97	1006	26	30	7*	5	3	8	8	5			2	5	5.0
	12	5.2	94	3.6	97	1011	27	22	6*	6	4	8	8	5			2	5	
	18	5.0	91	3.5	97	1014	28	14	4	5	2	4	0	0	0	4	3	1	.0
23	0	4.3	96	3.7	97	1016	24	11	4			6					2	2	
	6	2.8	97	3.5	93	1016	18	4	2		1						47	2	.
	12	2.0	97	3.7	93	1019	9	12	4		1						45	4	
	18	2.0	97	3.6	93	1017	7	18	5		1						43	4	.
24	0	3.4	92	3.6	97	1019	7	18	5			8					2	2	
	6	2.6	94	3.5	96	1018	7	22	6*	4	2	8	8	0	2		63	6	10.6
	12	1.9	97	3.5	97	1018	6	30	7*	6	6	8	8	5			2	6	
	18	2.8	87	3.5	97	1018	5	26	6*	6	4	8	8	5			2	2	2.8
25	0	2.6	92	3.6	98	1019	6	23	6*			6					2	2	
	6	2.1	82	3.4	98	1020	4	15	4	4	2	2	2	1	0	0	2	0	.
	12	3.5	82	3.6	98	1020	4	8	3	4	1	5	5	1	0	0	3	1	
	18	3.2	81	3.6	98	1020	1	3	1		1	6	6	5	0	0	2	1	.
26	0	2.4	87	3.3	98	1019	29	6	2			4					2	1	
	6	2.8	79	3.4	98	1017	26	17	5	4	1	8	8	5			2	2	.
	12	3.5	76	3.4	98	1012	25	26	6*	5	2	7	6	5	3		2	2	
	18	3.7	94	3.5	96	1006	26	19	5	5	3	8	8	0	2		50	2	.6
27	0	2.2	93	3.5	98	1006	4	16	5			8					71	7	
	6	.2	92	3.3	98	1005	31	22	6*	6	3	5	3	9	0	1	22	7	1.0
	12	2.4	85	3.7	98	1003	29	30	7*	6	5	6	6	3			26	8	
	18	3.3	72	3.8	98	1001	30	34	8**	6	6	6	2	3	0	1	2	8	.1
28	0	1.5	88	3.6	98	1002	31	20	5			6					86	8	
	6	.0	95	3.5	98	1000	34	33	7*	6	6	4	4	3	0	0	2	8	.9
	12	2.8	73	3.6	98	1001	32	28	7*	6	6	4	3	3	3	0	1	8	
	18	3.5	82	3.7	98	1001	31	29	7*	7	6	5	5	9	0	0	89	8	.5
29	0	2.0	90	3.7	98	1003	33	26	6*			0	0	0	0	0	2	8	
	6	2.2	87	3.6	98	1006	34	17	4	7	3	3	3	2	0	0	2	8	1.5
	12	3.8	82	4.0	98	1007	29	19	5		2	3	2	2	3	0	1	8	
	18	4.0	86	3.8	98	1007	26	22	6*	4	2	8	8	5			2	2	.0
30	0	4.4	94	3.9	97	1002	24	27	6*			8					61	6	
	6	4.9	99	3.9	97	997	24	27	6*	4	3	8	8	0	2		61	6	2.6
	12	5.5	94	4.1	97	995	24	24	6*	5	2	7	7	5			1	6	
	18	5.8	92	4.1	97	995	24	19	5	5	2	5	5	4	0	0	2	2	3.6
31	0	5.4	93	4.2	98	994	22	18	5			5					2	2	
	6	5.1	94	4.2	98	991	21	16	5		1	8	8	0	2		2	6	.1
	12	3.7	95	4.2	97	989	24	12	3		1	7	3	2	2		25	6	
	18	4.2	96	4.1	98	989	25	20	5	3	2	7	7	0	7		3	2	5.1

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	3.3	95	4.0	98	990	26	14	4				8				21	6	1.3	
	6	3.8	91	4.1	98	992	34	24	6*	4	3	7	4	3	6		2	6		
	12	3.4	79	4.3	98	998	34	23	6*	4	3	7	5	2	9		2	8		
	18	3.8	79	4.2	98	1002	33	22	6*	4	3	7	5	4	9		3	2		
2	0	3.5	71	4.3	97	1006	33	22	6*				3				87	7	.1	
	6	3.1	75	4.0	98	1007	34	24	6*		3	3	3	9	0	0	3	0		
	12	2.5	82	4.4	98	1009	30	22	6*	4	1	3	3	2	0	0	2	8		
	18	2.3	89	4.3	98	1004	24	23	6*	3	2	7	7	7			26	8		
3	0	2.8	78	4.1	98	1009	32	26	6*				3				2	8	.4	
	6	2.8	73	4.2	98	1010	34	20	5	3	3	4	4	1	0	0	2	0		
	12	3.9	82	4.5	98	1012	2	14	4	3	2	5	3	3	0	2	2	2		
	18	3.6	80	4.6	98	1012	32	10	3		1	4	3	5	9	0	26	8		
4	0	2.7	86	4.4	98	1012	27	4	2				3				2	0	.0	
	6	2.7	86	4.5	98	1011	99	2	1				6	3	3	6	0	1		7
	12	2.0	93	4.5	96	1012	30	12	4	3	1	8	8	6			60	7		
	18	3.0	81	4.2	98	1011	36	14	4			6	6	4	0	0	2	2		
5	0	1.5	87	4.5	98	1010	1	20	5				6				83	8	1.2	
	6	2.8	83	4.5	98	1006	34	26	6*	3	2	6	4	3	1	0	26	8		
	12	3.8	73	4.5	98	1004	33	30	7*	5	6	7	5	3	9	0	2	2		
	18	4.1	65	4.3	98	1003	31	24	6*	4	6	6	3	2	9	2	1	2		
6	0	3.9	72	4.5	98	1001	29	18	5				6				2	2	.5	
	6	3.0	81	4.2	98	1000	7	6	2				7	3	5	7	2	2		8
	12	3.6	83	4.7	98	1000	12	7	3				7	6	8	2		1		2
	18	3.2	78	4.4	98	1001	6	16	5	3	2	7	3	8	6		1	5		
7	0	2.3	76	4.5	98	1001	2	19	5				0	0	0	0	0	1	1	.0
	6	2.5	78	4.3	98	1001	3	18	5		1	7	7	9			3	1		
	12	2.8	81	4.7	98	1002	35	10	3		1	5	5	2	0	0	3	1		
	18	4.2	82	4.7	98	1003	34	6	2			4	2	0	9	1	1	7		
8	0	2.8	79	4.5	98	1002	19	5	2				4				22	0	.0	
	6	2.1	82	4.4	98	1001	20	8	3				6	3	0	9	2	3		1
	12	2.5	79	4.5	96	1000	17	16	5	3	2	8	8	7			68	2		
	18	2.3	92	4.6	97	999	16	8	3			7	7	7			21	8		
9	0	2.7	86	4.3	98	1000	23	8	3				3				2	5	.6	
	6	2.7	84	4.4	98	1001	34	5	2				4	4	1	0	0	1		0
	12	5.0	83	4.8	98	1002	9	5	2				3	1	1	0	2	2		0
	18	2.8	73	5.0	97	1004	3	3	2				4	2	0	9	2	1		1
10	0	3.1	92	4.4	96	1005	3	9	3				8				10	2	.0	
	6	2.7	86	4.6	96	1006	2	8	3		1	7	2	7	1		10	2		
	12	5.1	87	4.7	96	1007	3	8	3	3	1	8	8	0	2		10	2		
	18	4.9	80	4.6	97	1009	35	8	3	3	1	8	8	0	1		2	2		

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R		
11	0	3.9	82	4.5	98	1010	33	12	4				2					2	0		
	6	3.5	82	4.4	98	1010	33	14	4	3	1	8	2	7	2			3	2	.	
	12	4.9	81	4.6	98	1012	32	15	4	3	1	5	0	0	0	4		1	2		
	18	5.4	85	4.7	98	1013	32	12	4	3	1	8	3	7	1			2	2	.	
12	0	4.5	88	4.4	98	1014	32	3	1				2					1	1		
	6	3.8	88	4.6	97	1014	12	8	3				2	2	2	0	0	3	0	.	
	12	5.6	85	4.8	97	1013	12	12	4	3	1	5	3	0	3	2		3	1		
	18	5.3	83	4.8	97	1009	9	20	5	3	2	6	0	0	0	6		2	2	.	
13	0	4.5	87	4.7	97	1006	9	26	6*				5					3	1		
	6	3.7	91	4.5	96	1004	10	28	7*	4	3	8	8	7				61	2	.1	
	12	4.9	88	4.7	96	1007	7	28	7*	3	4	8	8	7				61	6		
	18	4.5	85	4.8	96	1012	6	20	5	3	3	6	0	0	0	6		10	6	1.0	
14	0	4.1	84	4.5	97	1019	6	14	4				8					2	2		
	6	3.5	83	4.6	97	1023	4	10	3				8	8	0	7		3	2	.	
	12	4.7	83	5.0	97	1026	35	8	3				1	7	7	0	5		2	2	
	18	5.2	87	5.3	97	1028	28	5	2				1	3	3	0	3	0	2	2	.
15	0	4.2	87	5.3	98	1030	23	7	3				0					2	0		
	6	4.8	80	5.0	97	1029	20	15	5				1	5	5	0	3	0	2	1	.
	12	6.8	85	5.0	96	1027	19	18	5	4	1	8	8	0	1			10	2		
	18	7.0	95	5.2	95	1024	19	21	5	5	1	8	8	0	2			61	6	3.1	
16	0	7.3	97	5.2	96	1022	23	21	5				8					61	6		
	6	7.3	96	5.2	96	1021	25	19	5	4	1	8	8	0	2			61	6	7.0	
	12	7.1	96	5.4	96	1021	25	20	5	5	2	8	8	0	2			61	6		
	18	7.0	96	5.4	96	1020	24	20	5	5	2	8	8	0	2			10	5	9.0	
17	0	6.8	95	5.2	97	1019	23	20	5				8					2	6		
	6	7.2	91	5.0	97	1017	23	20	5	4	2	8	8	0	2			2	2	.2	
	12	7.6	90	5.4	96	1018	25	18	5	4	2	6	0	0	0	8		10	2		
	18	7.0	91	5.4	96	1018	25	13	4	4	1	8	8	5				10	2	.	
18	0	7.0	96	5.3	91	1016	22	12	3									45	2		
	6	7.6	95	5.2	96	1012	21	19	5				1	8	8	0	2		21	4	2.4
	12	8.1	95	5.3	96	1012	25	22	6*	5	2	6	6	5				10	5		
	18	7.8	88	5.3	97	1013	25	19	5	5	2	5	2	0	4	1		2	1	1.5	
19	0	7.5	88	5.4	98	1012	23	15	5				6					2	2		
	6	6.2	94	5.4	92	1011	23	14	4				1					45	1	.	
	12	7.9	86	5.8	97	1011	28	11	4				1	7	7	5		1	4		
	18	7.2	95	5.7	98	1011	32	16	5				1	5	2	2	0	5	3	1	.
20	0	5.7	83	5.6	98	1012	32	16	5				8					2	2		
	6	5.8	85	5.6	98	1014	30	11	4				1	3	1	2	0	1	2	2	.
	12	6.9	84	5.9	98	1015	27	12	4				1	3	1	3	0	2	2	0	
	18	6.6	81	6.0	98	1016	27	17	5	4	2	4	3	2	0	1		2	0	.	

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _H	C _L	C _M	C _H	ww	W	R
21	0	6.2	84	6.0	98	1015	22	20	5			1					2	0	
	6	6.3	89	5.8	97	1011	21	23	6*	5	2	8	8	0	2		61	2	.1
	12	7.5	92	6.2	97	1009	22	25	6*	5	3	8	8	0	2		61	6	
	18	7.5	93	6.2	96	1009	28	20	5	5	3	8	8	6			10	5	2.3
22	0	6.4	88	6.2	98	1013	25	10	3			8					2	2	
	6	7.6	93	6.2	96	1011	26	30	7*	6	4	8	8	0	2		61	6	5.0
	12	8.6	96	6.3	97	1014	25	25	6*	4	3	8	8	0	2		60	6	
	18	9.0	88	6.4	97	1012	24	30	7*	4	4	7	7	5			1	2	2.3
23	0	8.9	86	6.4	98	1009	23	30	7*			8					2	2	
	6	8.8	88	6.4	97	1005	24	30	7*	5	4	8	8	0	2		2	6	.6
	12	9.5	87	6.5	97	1005	23	30	7*	5	4	8	6	5	3		2	6	
	18	9.2	88	6.5	97	1005	24	28	7*	5	4	8	8	0	7		2	6	.3
24	0	7.8	91	6.6	98	1009	26	22	6*			2					1	6	
	6	7.0	83	6.5	98	1012	28	18	5	5	3	0	0	0	0	0	2	0	2.5
	12	7.0	83	6.6	98	1014	27	17	5	4	2	5	0	0	0	5	3	0	
	18	8.2	82	6.7	98	1013	25	14	4	4	1	6	0	0	0	1	2	2	.
25	0	8.0	87	6.7	98	1008	19	18	5			3					2	0	
	6	8.2	94	6.8	97	1001	21	18	5	5	2	8	8	0	2		61	6	2.0
	12	8.5	94	6.7	97	999	24	22	6*	4	2	8	8	0	2		60	6	
	18	9.5	86	7.0	97	996	23	18	5		1	8	8	5			2	2	3.2
26	0	8.6	86	6.7	98	995	22	19	5			5					1	6	
	6	8.2	94	7.0	97	994	25	24	6*	5	2	8	6	7	2		63	6	10.0
	12	6.6	84	7.1	98	998	35	9	4		1	8	8	6			60	6	
	18	6.5	77	7.0	98	1002	36	17	5	4	2	6	6	5			1	2	4.2
27	0	5.6	85	7.0	98	1004	31	16	5			8					80	1	
	6	6.1	93	7.0	98	1006	36	5	2		1	7	7	9			25	8	.8
	12	7.2	71	7.0	98	1011	34	18	5	4	2	6	4	2	0	1	25	8	
	18	7.0	74	7.6	98	1014	34	18	5	4	2	4	4	2	0	0	1	1	.7
28	0	6.5	73	7.5	98	1016	32	21	5			2					1	8	
	6	6.0	74	7.3	98	1018	32	18	5		1	5	5	2	0	0	25	8	.1
	12	6.8	71	7.2	98	1019	25	20	5		1	2	2	2	0	0	2	1	
	18	6.7	80	6.9	98	1014	26	30	7*	3	4	7	5	7	2		2	2	.
29	0	6.5	88	7.0	97	1006	24	32	7*			8					63	6	
	6	5.2	79	7.1	98	1002	31	23	6*	99	4	4	4	1	0	0	1	8	7.4
	12	3.9	79	7.4	98	998	31	24	6*	4	6	8	5	7	2		84	8	
	18	6.1	61	7.3	98	1009	34	31	7*	4	7	4	4	1	0	0	1	8	3.2
30	0	6.2	70	7.1	98	1012	34	30	7*			4					1	1	
	6	6.3	72	7.1	98	1013	33	26	7*	5	7	4	4	0	6	0	25	8	1.6
	12	6.9	70	7.1	97	1015	32	30	7*	5	7	6	6	2	0	0	26	8	
	18	7.0	76	7.4	98	1018	34	23	6*	4	5	5	2	2	6	0	2	8	1.4

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	5.9	78	6.9	98	1022	34	17	5				6					2	2	
	6	5.9	81	7.2	98	1024	35	14	4	3	1	6	6	0	6	0		2	2	.
	12	7.7	68	7.2	98	1027	33	11	4			7	3	4	6	0		3	2	
	18	8.6	72	7.6	98	1026	28	5	3			2	1	0	4	2		1	0	.
2	0	6.7	79	7.7	97	1025	18	7	2				0	0	0	0		1	0	
	6	7.1	75	7.6	98	1022	16	11	4	3	2	7	7	5				3	1	.
	12	7.9	82	7.7	97	1021	17	10	3		1	8	4	6	1			61	2	
	18	8.5	80	7.8	97	1020	18	11	4	3	2	8	8	6				61	6	1.9
3	0	9.0	88	7.8	96	1020	27	10	3				8					10	4	
	6	8.8	92	7.2	96	1020	31	15	4		1	8	4	7	2			10	2	.
	12	10.1	88	8.3	92	1021	34	7	3									47	5	
	18	8.5	89	8.7	92	1021	2	3	2									47	4	.0
4	0	7.0	96	8.5	92	1021	9	6	3									45	4	
	6	8.5	95	8.2	96	1020	16	6	3				8	5	7	2		10	4	.
	12	12.1	87	8.8	96	1020	9	13	4	3	1	6	0	0	0	6		10	2	
	18	10.5	71	8.8	98	1018	9	17	5	4	1	8	0	0	0	7		3	1	.
5	0	9.8	74	8.4	97	1018	9	18	5				0	0	0	0		2	1	
	6	10.2	79	8.2	96	1018	10	17	5	2	1	0	0	0	0	0		10	0	.
	12	11.1	80	8.6	96	1018	8	18	5	2	2	2	0	0	0	6		10	0	
	18	11.6	78	8.7	96	1016	8	22	6*	2	2	6	0	0	0	6		10	1	.
6	0	10.7	75	8.3	98	1016	9	22	6*				0	0	0	0		2	0	
	6	9.9	74	8.1	97	1014	10	22	6*	3	2	0	0	0	0	0		1	1	.
	12	10.0	77	8.3	97	1011	8	23	6*	3	3	3	0	0	0	2		1	1	
	18	11.3	80	8.5	97	1010	8	28	7*	3	4	3	0	0	0	2		2	0	.
7	0	10.2	85	8.2	96	1010	9	22	6*				4					10	0	
	6	9.9	79	8.0	97	1008	9	28	6*	3	3	7	7	0	3	0		2	6	2.3
	12	11.5	82	8.3	96	1008	9	23	6*	3	4	2	0	0	0	2		10	0	
	18	11.1	80	8.7	96	1008	8	26	6*	3	3	6	0	0	0	5		10	2	.
8	0	10.2	85	8.3	97	1010	9	24	6*				0	0	0	0		2	1	
	6	9.6	80	8.3	96	1009	9	24	6*	3	3	0	0	0	0	0		10	0	.
	12	9.9	81	8.4	96	1007	7	25	7*	3	4	7	7	0	7			10	2	
	18	11.4	79	8.3	96	1006	7	28	7*	3	4	8	8	0	1	0		10	2	.
9	0	10.1	86	8.3	97	1007	8	24	6*				4					3	0	
	6	9.5	84	8.4	96	1009	9	23	6*	4	3	6	6	0	1			10	2	.
	12	11.6	85	8.5	96	1011	8	17	5	3	2	3	0	0	0	6		10	0	
	18	11.6	83	8.8	97	1011	8	20	5	4	2	8	8	7				61	1	.2
10	0	10.2	85	9.1	97	1011	9	18	5				7					3	2	
	6	9.6	85	9.0	97	1011	8	24	6*	3	3	3	0	0	0	6		2	1	.
	12	10.7	91	8.6	96	1009	8	19	5	3	2	3	0	0	0	2		10	1	
	18	12.8	77	8.9	97	1007	8	24	6*	5	3	7	2	0	4	5		1	2	.

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Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	10.8	86	8.8	97	1007	8	24	6*				7					2	2	
	6	10.4	84	9.0	97	1005	8	24	6*	4	3	6	0	0	0	5		2	2	.
	12	12.3	75	9.2	97	1005	6	24	6*	5	4	3	0	0	0	2		2	0	
	18	12.2	77	9.1	97	1004	5	22	6*	4	3	3	0	0	0	2		2	0	.
12	0	11.5	79	8.9	98	1005	5	21	5				4					3	0	
	6	10.6	76	9.0	98	1004	4	20	6*	4	2	5	5	0	7	0		1	2	.
	12	11.5	76	9.0	98	1004	2	22	6*	4	2	1	0	0	0	2		2	1	
	18	12.5	77	9.1	97	1005	2	20	5	4	2	4	0	0	0	2		2	0	.
13	0	11.0	81	9.0	98	1007	2	13	4				8					2	2	
	6	10.8	87	9.0	97	1008	36	8	3				5	0	0	3	0	1	2	.
	12	11.6	83	9.1	97	1010	34	13	4			1	4	4	0	3	0	2	2	
	18	11.6	80	9.6	97	1011	32	14	4			1	2	0	0	0	1	2	0	.
14	0	10.4	86	9.0	97	1012	24	16	5				2					2	0	
	6	11.0	77	9.0	97	1012	32	13	4	4	2	3	0	0	0	2		2	0	.
	12	12.7	79	9.2	98	1013	30	15	5			1	0	0	0	0		2	0	
	18	9.8	87	9.4	93	1012	34	13	4			1						47	2	.
15	0	10.0	88	9.4	95	1011	2	7	3									28	4	
	6	8.9	86	9.3	92	1010	30	3	2									45	4	.
	12	11.0	84	9.6	94	1011	7	5	2									47	4	
	18	11.3	85	10.2	97	1009	4	18	5			1	4	0	0	0	1	2	4	.
16	0	11.4	84	10.0	97	1010	7	16	4				2					2	0	
	6	11.5	79	10.0	97	1011	6	13	4			1	0	0	0	0	0	2	0	.
	12	11.8	83	10.4	97	1013	6	15	4	4	2	0	0	0	0	0	0	2	0	
	18	11.9	78	10.4	98	1013	4	16	5	4	1	0	0	0	0	0	0	2	0	.
17	0	11.4	84	10.6	98	1015	5	18	5				4					2	0	
	6	11.0	79	9.9	97	1017	7	14	4			1	6	0	0	7		3	2	.
	12	11.8	63	10.5	98	1022	5	17	5			1	1	0	0	0	1	2	0	
	18	11.8	75	9.8	98	1025	4	20	5	4	2	0	0	0	0	0	0	2	0	.
18	0	10.0	82	9.7	98	1029	3	17	5				5					3	1	
	6	9.8	83	9.7	97	1030	2	8	3			1	8	8	5			2	2	.
	12	10.6	73	10.0	97	1032	33	6	2				8	8	5			2	2	
	18	10.6	78	9.8	97	1030	29	10	3				8	8	5			2	2	.
19	0	10.8	84		96	1028	27	11	4				8					10	2	
	6	11.8	80	9.7	96	1024	24	18	5	4	1	8	8	5				10	2	.
	12	13.0	79	9.3	96	1022	27	20	5	4	2	7	7	5				10	2	
	18	12.0	80	9.2	97	1020	31	20	5	4	2	8	8	0	2			21	2	.7
20	0	9.8	71	9.2	98	1022	34	14	4				5					2	2	
	6	10.3	72	9.2	98	1020	28	19	5	4	2	5	5	0	3	0		2	2	.
	12	11.9	75	9.7	98	1020	27	18	5	4	2	4	1	2	3	1		1	2	
	18	11.8	77	9.7	98	1016	26	17	5	4	2	6	6	0	5	0		3	2	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	11.3	81	9.9	97	1011	22	19	5			8						2	6	
	6	11.0	81	9.5	98	1004	26	23	6*	5	3	7	7	0	7			21	2	.4
	12	11.8	71	9.9	98	1002	27	25	6*	5	4	6	6	5	0	0		1	6	
	18	11.3	65	9.7	98	1001	28	24	6*	5	5	4	4	2	0	0		2	1	.9
22	0	9.8	78	9.7	98	1001	29	29	7*			7						80	8	
	6	9.4	70	9.7	98	1005	32	31	7*	5	6	4	4	3	0	0		2	8	1.6
	12	9.6	69	9.8	98	1010	31	32	7*	6	6	6	4	3	3	0		2	8	
	18	10.4	67	9.8	98	1014	31	28	7*	6	5	6	6	3	0	0		2	8	1.5
23	0	9.5	70	9.8	98	1017	31	22	6*			5						2	2	
	6	9.6	72	9.9	98	1021	32	22	6*	6	4	4	4	3	0	0		2	8	.4
	12	11.5	66	10.0	98	1024	31	12	4		1	2	1	2	0	1		1	1	
	18	10.8	67	10.0	98	1026	35	5	2			0	0	0	0	0		2	0	.
24	0	10.4	68	10.0	98	1028	12	3	1			0	0	0	0	0		2	0	
	6	10.1	73	10.0	98	1028	18	11	4		1	4	0	0	0	1		2	0	.
	12	13.8	71	10.3	98	1027	15	8	3		1	1	0	0	0	1		2	0	
	18	14.0	75	10.4	97	1026	12	10	3			1	0	0	0	1		2	0	.
25	0	13.5	80	10.4	98	1024	18	15	5			0	0	0	0	0		2	0	
	6	13.2	77	10.6	97	1022	21	16	5		1	7	5	0	5	9		2	0	.
	12	14.4	69	10.6	96	1020	27	17	5		1	6	0	0	5			3	1	
	18	13.2	77	10.7	97	1021	31	13	4		1	6	2	5	3	1		2	2	.
26	0	11.4	82	10.5	98	1022	31	15	4			0	0	0	0	0		2	0	
	6	11.8	80	10.5	98	1023	30	14	4		1	1	0	0	0	2		2	0	.
	12	12.3	72	10.5	98	1023	26	20	5	4	2	8	8	0	1			2	2	
	18	11.5	92	10.7	96	1021	30	24	6*	3	3	8	5	7	2			21	6	1.6
27	0	10.4	81	10.3	98	1022	33	24	6*			7						2	2	
	6	10.1	79	10.4	98	1022	32	26	6*	4	3	8	5	7	2			2	6	.1
	12	10.1	78	10.5	97	1024	35	18	5	4	3	8	8	0	2			50	5	
	18	10.3	77	10.6	98	1024	34	11	4	3	2	8	5	7	2			2	5	.4
28	0	9.2	87	10.4	98	1023	36	7	3			8						2	2	
	6	9.0	83	10.6	98	1022	31	5	2			8	8	0	2			2	2	.
	12	10.8	83	10.7	98	1022	30	5	2			8	8	5				2	2	
	18	12.0	77	10.9	98	1018	30	6	2			4	0	0	0	9		1	2	.
29	0	9.6	84	10.6	97	1016	11	10	3			8						2	2	
	6	10.9	84	10.6	96	1014	14	10	3	2	1	8	8	6				10	2	.
	12	13.3	82	11.0	96	1012	11	8	3		1	3	0	0	0	2		10	2	
	18	11.9	88	10.9	96	1010	7	8	3	99	1	8	8	0	2			10	2	.
30	0	12.2	93	10.8	96	1010	99	5	1			8						50	5	
	6	11.5	89	10.8	96	1010	34	17	5	4	1	8	8	5				20	6	9.1
	12	12.0	80	10.9	97	1014	34	17	5	4	2	7	7	5				2	2	
	18	12.2	75	10.9	98	1016	28	13	4	4	1	2	0	0	0	2		1	1	.0
31	0	11.4	81	10.9	96	1016	28	14	4			8						10	6	
	6	11.8	82	10.9	97	1016	29	17	4	3	2	6	6	0	3	0		1	6	.2
	12	11.7	84	11.2	98	1019	31	13	4	4	2	8	8	6				2	2	
	18	12.9	78	11.4	98	1021	28	14	4	4	2	0	0	0	0	0		1	1	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	12.4	79	11.2	97	1020	24	21	6*				8					61	2	
	6	12.1	78	11.1	98	1020	31	21	6*	4	3	2	2	1	0	0		1	1	.9
	12	10.6	75	11.1	98	1024	32	22	6*	5	3	7	7	5				2	2	
	18	10.0	81	11.2	98	1025	32	22	6*	5	4	6	6	1	0	0		2	2	.
2	0	9.6	84	11.1	98	1027	33	23	6*				4					3	0	
	6	9.7	83	11.1	98	1028	33	21	5	5	4	2	1	1	0	2		1	1	.
	12	10.2	78	11.3	98	1031	32	13	4	4	1	2	0	0	0	2		1	0	
	18	11.5	77	11.7	98	1032	29	8	3			2	0	0	0	2		2	0	.
3	0	11.2	86	11.2	98	1032	27	6	2				6					2	2	
	6	11.7	90	11.5	97	1031	29	8	3				8	8	5			2	2	.
	12	12.3	84	11.7	98	1032	35	7	3				0	0	0	0		1	1	
	18	10.5	96	12.0	96	1030	5	12	4	3	1	8	8	6				10	2	.
4	0	9.6	93	11.3	92	1030	6	17	5									47	2	
	6	11.5	94	11.4	96	1030	9	14	4	3	1	0	0	0	0	0		10	1	.
	12	12.0	84	11.8	97	1029	7	15	5				0	0	0	0		2	0	
	18	13.0	85	11.8	98	1026	7	22	6*	3	2	0	0	0	0	0		2	0	.
5	0	12.1	86	11.7	98	1025	8	22	6*				0	0	0	0		2	0	
	6	10.8	91	11.6	97	1024	9	18	5	3	2	7	7	8				3	2	.
	12	12.3	89	11.9	97	1023	4	13	5	3	1	6	4	0	3	2		3	1	
	18	13.0	89	12.0	97	1021	3	18	5	3	1	4	2	0	8	2		3	0	.
6	0	13.7	87	11.8	98	1020	6	20	5				0	0	0	0		2	0	
	6	12.6	89	11.7	97	1020	8	17	5				6	0	0	0	5	2	2	.
	12	13.7	85	12.0	96	1020	7	15	5	3	2	0	0	0	0	0		10	0	
	18	13.9	89	12.5	97	1017	6	18	5	2	2	0	0	0	0	0		2	0	.
7	0	13.8	92	11.8	96	1017	9	18	5				0	0	0	0		10	0	
	6	13.4	93	11.8	96	1017	9	18	5	2	2	0	0	0	0	0		10	0	.
	12	14.0	92	12.2	96	1016	8	19	5	2	2	0	0	0	0	0		10	0	
	18	14.5	88	12.5	97	1016	7	24	6*	3	3	0	0	0	0	0		2	0	.
8	0	14.0	92	12.0	97	1016	9	20	5				0	0	0	0		2	0	
	6	13.7	91	12.1	96	1017	9	16	5	3	1	2	0	0	0	0	6	10	0	.
	12	14.5	89	12.3	96	1016	8	17	5	2	1	0	0	0	0	0		10	0	
	18	15.6	87	13.1	97	1014	7	22	6*	2	1	4	2	0	9	2		3	0	.
9	0	14.8	92	12.4	98	1014	9	17	5				2					1	1	
	6	14.1	93	12.5	96	1014	9	17	5	2	1	0	0	0	0	0		10	0	.
	12	14.8	91	12.6	96	1014	7	21	5	2	1	0	0	0	0	0		10	0	
	18	15.9	83	12.7	97	1013	7	22	6*	4	2	0	0	0	0	0		2	0	.
10	0	14.8	89	12.5	97	1014	8	20	5				0	0	0	0		2	0	
	6	13.8	90	12.5	97	1015	6	15	4	3	1	0	0	0	0	0		2	0	.
	12	14.4	91	12.8	97	1016	5	14	4	3	1	0	0	0	0	0		2	0	
	18	15.2	88	13.0	97	1016	3	18	5	3	1	0	0	0	0	0		2	0	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	14.3	91	13.0	98	1018	36	12	4			0	0	0	0	0	2	0	
	6	14.4	92	13.2	97	1018	33	14	4	4	1	0	0	0	0	0	2	0	.
	12	14.4	95	13.5	97	1019	32	12	4	4	1	0	0	0	0	0	2	0	
	18	14.7	93	13.4	96	1018	33	14	4	4	1	0	0	0	0	0	10	0	.
12	0	13.3	94	13.3	98	1018	31	13	4			0	0	0	0	0	2	4	
	6	12.6	85	13.0	98	1017	33	23	6*	5	3	3	3	2	0	0	3	0	.
	12	13.3	82	13.2	98	1018	33	24	6*	4	3	4	4	1	0	0	3	1	
	18	12.0	84	13.1	98	1017	34	24	6*	5	4	6	6	2	0	0	3	1	.
13	0	12.0	90	13.1	98	1017	33	20	5			2					2	0	
	6	11.0	83	13.0	98	1017	34	18	5	4	2	7	7	5			2	2	.
	12	11.8	80	13.2	98	1018	33	16	5	4	2	8	8	5			2	2	
	18	11.4	77	13.0	98	1017	33	16	5		1	8	8	5			2	2	.
14	0	11.5	79	13.0	98	1017	34	17	5			8					2	2	
	6	11.0	78	13.0	98	1016	36	12	4	4	2	8	8	5			2	2	.
	12	12.8	75	13.2	98	1017	34	9	3		1	8	8	0	2		1	2	
	18	11.6	82	13.3	98	1016	36	6	2			8	8	0	2		2	2	.
15	0	11.8	80	13.3	98	1016	36	4	2			8					2	2	
	6	12.3	77	13.1	98	1016	32	5	2			8	8	0	7		2	2	.
	12	13.0	81	13.2	98	1017	2	8	3			8	3	4	7		2	2	
	18	12.9	85	13.8	98	1017	1	8	3			7	7	8			2	2	.
16	0	12.0	80	13.3	98	1018	3	8	3			8					2	2	
	6	12.6	83	13.4	98	1017	36	8	3			3	3	1	0	0	1	1	.
	12	12.8	78	13.6	98	1017	35	9	3			7	0	0	6		2	2	
	18	13.0	79	14.4	98	1017	3	6	2			3	0	0	0	2	3	0	.
17	0	13.0	89	14.4	98	1018	4	12	4			1					0	0	
	6	14.3	87	14.0	98	1017	7	16	5		1	0	0	0	0	0	2	0	.
	12	15.8	82	14.4	97	1019	7	20	5	5	2	0	0	0	0	0	2	0	
	18	15.8	84	14.1	98	1017	5	24	6*	4	2	1	0	0	0	6	2	0	.
18	0	15.6	81	14.0	98	1019	8	18	5			1	0	0	0	2	2	0	
	6	15.3	80	13.8	98	1019	9	13	4	3	1	1	0	0	0	2	2	0	.
	12	15.3	81	14.3	98	1020	7	17	5	4	1	1	0	0	0	2	2	0	
	18	15.5	85	14.4	98	1018	3	19	5	4	1	1	0	0	0	2	2	0	.
19	0	15.9	81	14.4	98	1019	5	18	5			0	0	0	0	0	2	0	
	6	15.4	80	14.1	98	1019	8	16	5	4	1	0	0	0	0	0	2	0	.
	12	15.6	81	14.5	98	1020	7	13	4	4	1	0	0	0	0	0	2	0	
	18	15.7	80	14.4	98	1019	6	17	5	4	1	0	0	0	0	0	2	0	.
20	0	15.8	82	14.6	98	1020	9	14	4			0	0	0	0	0	2	0	
	6	15.8	91	14.0	98	1020	16	9	3			0	0	0	0	0	2	0	.
	12	20.3	84	14.2	97	1021	25	4	2			0	0	0	0	0	2	0	
	18	17.3	82	14.5	97	1023	29	6	2			0	0	0	0	0	2	0	.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	14.5	97	14.0	97	1025	25	9	3			0	0	0	0	0	2	0	
	6	15.2	96	14.2	97	1025	31	8	3		1	0	0	0	0	0	2	0	.
	12	18.6	81	14.2	97	1026	0	0	0			0	0	0	0	0	2	0	
	18	18.0	83	14.7	96	1024	6	8	3			5	3	0	8	2	10	1	.
22	0	16.2	90	14.7	96	1023	12	6	2			8					10	1	
	6	16.0	90	14.5	96	1022	14	10	3			7	4	6	2		10	6	.2
	12	17.6	78	14.5	97	1019	12	5	2			8	8	0	1		2	2	
	18	17.0	89	15.0	96	1018	4	12	4			8	8	0	1		10	2	.
23	0	15.8	95	15.5	96	1017	28	3	1			5					10	9	
	6	15.5	95	15.0	95	1016	16	3	1			0	0	0	0	0	10	2	18.0
	12	16.8	89	14.6	96	1015	24	19	5		1	8	3	7	9		97	6	
	18	16.0	95	14.9	97	1017	27	15	4		1	6	6	0	3		2	9	10.0
24	0	15.0	91	14.8	97	1017	21	6	2			1					1	1	
	6	14.6	87	14.7	98	1016	19	16	5	3	2	4	4	0	6	0	2	0	.
	12	16.4	88	15.0	98	1014	19	9	3			8	8	5			2	2	
	18	15.9	95	15.1	96	1013	19	19	5	3	3	8	5	7	2		60	6	.4
25	0	15.4	96	14.9	96	1014	24	19	5			8					20	5	
	6	15.8	86	14.8	97	1015	25	20	6*	3	2	6	2	2	9	0	2	2	2.6
	12	15.3	86	15.0	98	1020	27	20	5	4	2	2	0	0	0	2	2	0	
	18	15.7	89	15.2	98	1022	27	15	5	3	1	0	0	0	0	0	2	0	.
26	0	15.0	84	15.1	98	1023	25	10	4			1					1	0	
	6	15.6	90	15.3	98	1023	21	13	4			2	0	0	0	1	3	0	.
	12	17.2	83	15.6	98	1024	23	4	2			3	0	0	0	1	2	0	
	18	16.3	88	16.0	97	1021	4	10	3	2	1	2	0	0	0	2	1	1	.
27	0	16.4	88	15.3	98	1020	11	13	5			0					1	1	
	6	16.1	89	15.3	97	1018	14	11	4			3	0	0	0	2	2	0	.
	12	17.9	87	16.0	96	1016	9	13	4		1	8	0	0	0	7	10	2	
	18	17.0	87	16.0	96	1012	10	12	4	2	1	7	7	0	1		10	2	.
28	0	18.0	87	15.7	96	1012	30	5	2			6					10	9	
	6	16.9	94	15.9	98	1012	14	16	4	99	1	7	7	5			2	2	.2
	12	16.4	88	16.1	98	1015	27	14	4	4	2	5	1	1	0	1	2	0	
	18	15.5	85	15.9	98	1015	28	11	4	3	2	6	4	0	3	9	2	2	.
29	0	15.6	86	16.0	98	1014	24	5	2			5					2	2	
	6	15.3	94	15.9	97	1012	22	11	4	3	2	7	7	5			3	2	.
	12	14.9	92	16.0	98	1010	23	19	5	3	2	7	5	7	2		25	6	
	18	15.0	84	16.2	98	1009	28	19	5	3	3	3	2	1	0	2	1	8	8.9
30	0	14.0	79	16.0	98	1009	27	9	3			6					2	2	
	6	12.0	93	15.9	98	1007	21	15	5	4	2	7	7	8			2	6	2.6
	12	14.6	86	16.1	98	1007	30	7	2			3	1	1	9	0	1	1	
	18	15.8	83	16.8	99	1007	26	13	4		1	4	3	2	0	0	2	0	.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	14.3	87	16.2	98	1005	23	23	6*			8					2	2	
	6	12.3	97	16.0	97	1000	19	29	7*	4	4	8	6	7	2		60	6	2.2
	12	13.6	96	16.1	97	998	20	22	6*	4	3	8	5	7	2		60	6	
	18	13.7	88	16.0	98	1000	27	22	6*	4	4	8	3	4	6		2	6	1.7
2	0	13.0	81	16.0	98	1001	27	23	6*			6					60	6	
	6	12.8	86	15.8	98	998	27	29	7*	5	5	8	5	9	2		80	8	9.0
	12	13.5	83	16.0	98	1000	26	30	7*	4	4	7	3	9	6	0	80	8	
	18	13.2	86	16.1	98	1000	26	28	7*	4	5	8	8	9			25	8	9.5
3	0	13.2	82	15.4	98	1000	27	25	6*			7					2	8	
	6	13.6	85	15.6	98	1003	30	21	5	5	4	7	3	3	3	1	2	8	8.6
	12	15.4	78	16.0	98	1007	32	25	6*	4	3	6	2	2	6	0	2	8	
	18	13.8	80	16.1	98	1012	32	25	6*	4	4	7	7	9			2	8	1.6
4	0	13.2	80	15.4	98	1014	30	24	6*			7					80	8	
	6	13.2	82	15.2	98	1015	31	20	5	5	4	7	5	9	3	0	80	8	3.2
	12	14.3	79	15.7	98	1017	27	15	5	3	1	4	2	1	3	1	2	0	
	18	14.6	78	15.9	98	1017	27	18	5	3	1	8	1	2	2		2	2	.
5	0	14.9	91	15.8	97	1017	27	16	5			6					2	6	
	6	15.2	86	15.5	98	1017	29	15	5	3	1	3	3	0	3	0	2	1	.3
	12	15.8	82	15.8	98	1019	26	17	5		1	8	5	7	2		3	2	
	18	14.7	80	15.6	98	1022	30	16	5	4	1	3	2	1	3	0	2	1	.
6	0	15.2	91	15.2	98	1022	24	13	4			1					2	0	
	6	14.5	95	15.5	96	1021	22	17	5		1	8	8	0	2		10	2	.
	12	17.0	89	15.7	96	1021	29	14	4		1	8	7	0	2	2	10	2	.
	18	17.7	91	16.0	97	1020	28	7	3		1	8	8	0	2		2	2	.
7	0	15.7	92	15.8	97	1018	18	9	3			2					2	0	
	6	17.3	88	16.0	96	1017	21	12	4		1	4	4	0	3	0	10	1	.
	12	19.7	91	16.0	96	1016	22	5	2			6	0	0	0	1	10	1	
	18	21.8	85	17.5	96	1014	5	8	3			0	0	0	0	0	10	0	.
8	0	17.7	89	16.0	96	1013	11	14	4			3					10	1	
	6	17.7	91	16.1	96	1010	12	16	5		1	0	0	0	0	0	10	0	.
	12	20.5	88	16.9	96	1008	11	15	4		1	5	0	0	0	4	10	0	
	18	18.4	90	17.2	96	1006	29	16	5		1	8	8	9			95	2	.2
9	0	17.5	91	16.5	97	1007	26	13	5			8					61	6	
	6	16.7	95	16.5	97	1006	16	18	5		1	8	8	0	1		2	2	5.6
	12	19.5	79	16.6	98	1006	21	16	5		1	7	3	2	7		2	2	
	18	16.3	96	17.0	97	1007	22	11	4		1	7	7	9			95	9	15.0
10	0	15.5	82	16.4	98	1012	30	22	6*			2					1	9	
	6	15.4	79	16.5	98	1016	29	18	5	4	2	4	3	2	0	2	1	1	2.0
	12 18																		.
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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0																			
	6																			.
	12																			.
	18																			.
12	0																			
	6																			.
	12																			.
	18																			.
13	0																			
	6																			.
	12																			.
	18																			.
14	0																			
	6																			.
	12																			.
	18																			.
15	0																			
	6																			.
	12																			.
	18																			.
16	0																			
	6																			.
	12																			.
	18																			.
17	0																			
	6																			.
	12																			.
	18																			.
18	0																			
	6																			.
	12																			.
	18																			.
19	0																			
	6																			.
	12																			.
	18																			.
20	0																			
	6																			.
	12																			.
	18	18.5	87	17.2	97	1009	15	11	4	3	1	6	6	0	6	0	2	2		.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	16.8	84	17.2	98	1011	18	13	4				6					2	2	.0
	6	16.0	87	17.1	97	1011	17	10	3				7	7	0	7	0	2	2	
	12	17.3	80	17.3	97	1012	11	10	3	3	1	6	3	0	3	2		1	2	
	18	16.7	86	17.2	97	1012	10	15	4	3	1	8	8	0	1			2	2	
22	0	15.5	93	17.1	98	1013	10	11	3				8					61	6	.6
	6	15.4	95	17.2	97	1012	4	6	2				8	8	5			2	2	
	12	15.1	95	17.2	97	1013	34	5	2				8	5	7	2		21	6	
	18	14.9	96	17.1	96	1015	33	7	3				8	6	7	2		50	6	
23	0	15.7	91	17.0	98	1014	35	16	5				8					21	2	.5
	6	16.4	89	17.1	97	1015	5	13	4	3	1	6	6	5	0			1	2	
	12	17.3	91	17.3	97	1016	6	14	4	3	1	3	0	0	0	6		1	1	
	18	17.4	91	17.3	97	1017	4	12	4	3	1	2	0	0	0	2		2	0	
24	0	17.4	92	17.2	98	1018	5	14	4				3					2	0	.
	6	16.9	91	17.0	98	1019	3	15	4	3	1	2	2	0	3	0		2	0	
	12	15.8	90	17.2	98	1020	2	14	4	3	1	5	2	0	6	2		1	2	
	18	15.7	88	17.3	98	1021	36	13	4	3	1	7	7	5				3	2	
25	0	15.1	87	17.2	98	1022	35	9	3				5					2	2	.
	6	15.3	79	17.1	98	1021	30	6	3				8	8	5			3	2	
	12	17.7	74	17.6	98	1023	99	2	1				3	1	1	0	2	2	0	
	18	16.5	73	17.4	98	1023	32	6	2				3	3	1	0	0	1	0	
26	0	15.3	79	17.3	98	1024	99	5	2				2					1	0	.
	6	14.9	82	17.1	98	1023	27	6	2				4	2	1	6	0	2	0	
	12	17.0	66	17.5	98	1024	32	6	2				1	1	1	0	0	1	0	
	18	16.1	75	17.6	99	1023	36	6	2				6	0	0	0	2	3	1	
27	0	15.0	76	17.4	99	1024	33	3	1				2					1	1	.
	6	15.2	85	17.3	99	1023	0	0	0				6	4	0	7	5	3	1	
	12	18.0	77	17.5	99	1023	25	5	2				4	0	0	0	5	1	1	
	18	17.2	78	18.2	97	1021	26	4	2				4	3	1	0	2	3	0	
28	0	15.2	84	17.2	98	1021	32	6	2				0	0	0	0	0	0	0	.
	6	15.1	86	17.2	98	1019	9	10	3				7	5	4	7		3	1	
	12	17.1	79	17.5	97	1018	7	16	5	3	2	3	3	1	0	0		1	1	
	18	16.3	84	17.6	97	1017	5	18	5	2	2	5	0	0	0	6		3	1	
29	0	16.1	86	17.2	98	1017	7	14	4				3					2	0	.
	6	16.6	85	17.5	98	1016	9	14	4	3	1	5	3	0	6	2		3	1	
	12	17.1	84	17.6	97	1016	8	11	3	3	1	8	0	0	0	7		3	1	
	18	17.5	86	17.9	97	1015	9	9	3	2	1	8	0	0	0	7		2	2	
30	0	17.3	94	17.5	97	1016	4	8	3				8					2	2	.
	6	16.6	94	17.5	96	1016	5	8	3	2	1	4	0	0	0	6		10	0	
	12	18.0	90	17.8	96	1017	2	4	2				3	0	0	0	2	10	0	
	18	19.1	94	18.5	96	1018	13	4	2				3	0	0	0	2	10	0	
31	0	17.2	95	17.8	97	1018	21	8	3				2					2	0	.
	6	16.9	92	17.5	96	1016	22	14	4	3	1	7	0	0	0	1		10	1	
	12	18.6	89	17.8	96	1014	21	13	4	3	1	7	0	0	0	9		10	2	
	18	18.7	95	17.7	96	1013	25	20	5	3	2	8	2	4	7			10	2	

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	16.9	97	17.4	97	1011	22	19	5				4					1	6	
	6	16.2	89	17.4	98	1010	27	12	4	3	1	6	6	0	6			3	1	.9
	12	16.4	84	17.4	98	1012	27	24	6*	3	3	5	5	2	0	0		2	1	
	18	15.8	86	17.3	98	1014	27	28	7*	4	3	6	6	3	0	0		2	8	.2
2	0	15.5	88	17.3	98	1015	29	22	6*				0	0	0	0		2	8	
	6	15.6	90	17.4	98	1016	27	12	4	5	2	3	2	1	0	2		1	1	3.0
	12	16.8	91	17.4	98	1015	19	15	4		1	5	1	2	4	0		2	1	
	18	17.2	82	17.4	98	1011	20	20	5	5	2	8	8	0	2			2	2	.
3	0	16.4	88	17.3	98	1007	19	18	5				8					2	8	
	6	15.7	93	17.2	97	1006	21	22	6*	5	3	8	8	5				2	2	.0
	12	17.6	90	17.3	97	1008	27	24	6*	5	3	7	7	8				2	8	
	18	15.9	92	17.3	98	1012	31	24	6*	5	3	6	5	2	3			1	8	.8
4	0	14.0	87	17.3	98	1016	31	20	5				3					1	1	
	6	15.3	93	17.3	98	1016	26	20	5	5	3	7	7	5				1	2	.
	12	14.9	86	17.1	98	1016	28	22	6*	5	3	7	3	2	3			2	2	
	18	15.8	92	17.1	98	1012	24	26	6*	5	3	8	8	5				2	2	.1
5	0	16.0	94	17.0	98	1011	29	32	7*				5					2	6	
	6	15.4	90	17.0	98	1013	30	26	6*	6	4	5	4	3	0	2		2	8	1.2
	12	16.2	91	17.0	98	1013	29	30	7*	6	4	7	3	2	3	1		2	2	
	18	15.8	90	17.0	98	1013	29	34	8**	6	5	5	5	3	0	0		2	2	.0
6	0	15.8	86	17.0	98	1014	31	38	8**				7					2	8	
	6	14.6	84	17.0	98	1016	30	24	6*	6	5	7	7	5				2	2	.1
	12	14.7	86	17.1	98	1018	30	23	6*	6	4	7	3	2	3	1		2	2	
	18	15.2	92	16.9	98	1019	30	22	6*	6	4	6	6	2	0	0		2	2	.
7	0	13.9	84	16.9	98	1021	32	14	4				2					2	0	
	6	13.8	86	16.9	98	1021	30	5	2				3	2	1	3	0	2	0	.
	12	15.4	92	17.0	98	1020	18	6	2				2	2	1	0	0	2	0	
	18	16.2	86	16.9	98	1014	12	16	5		1	5	0	0	0	5		2	1	.
8	0	15.7	86	16.7	98	1009	14	26	6*				0					2	0	
	6	14.2	86	16.6	98	1002	16	24	6*	3	2	8	0	0	0	5		2	0	.
	12	16.5	89	16.8	97	999	22	20	5	3	2	6	0	0	0	5		2	2	
	18	16.9	88	16.7	98	998	22	28	7*	4	3	7	1	2	9	0		25	8	1.8
9	0	17.0	89	16.7	98	1000	23	28	7*				8					2	8	
	6	16.6	88	16.6	98	1001	23	25	6*	3	2	8	8	0	7			2	2	.8
	12	16.6	91	16.7	97	1000	20	28	7*	4	3	8	8	0	2			2	2	
	18	14.6	94	16.7	97	1000	21	26	6*	4	3	8	8	0	2			51	6	4.6
10	0	14.4	92	16.7	98	1001	21	28	7*				6					2	6	
	6	14.0	90	16.5	98	1001	19	28	7*	5	3	8	4	7	2			2	0	.5
	12	16.2	93	16.5	98	1001	21	30	7*	5	3	7	2	8	7			1	2	
	18	15.8	83	16.5	98	1002	21	29	7*	5	3	5	1	2	4	1		1	2	.

1970 SEPTEMBER

FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0																			
	6																			.
	12																			.
	18																			.
22	0																			
	6																			.
	12																			.
	18																			.
23	0																			
	6																			.
	12																			.
	18																			.
24	0																			
	6																			.
	12																			.
	18																			.
25	0																			
	6																			.
	12																			.
	18																			.
26	0																			
	6																			.
	12																			.
	18																			.
27	0																			
	6																			.
	12																			.
	18																			.
28	0																			
	6																			.
	12																			.
	18																			.
29	0																			
	6																			.
	12																			.
	18																			.
30	0																			
	6																			.
	12	13.8	90	15.3	97	1009	23	25	6*	5	2	8	5	7	2		61	2		.
	18	14.6	89	15.4	98	1005	29	21	6*	6	3	6	5	2	0	1	2	6	3.4	.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	14.2	92	15.4	98	1004	27	18	5			8					60	6	1.6
	6	13.0	87	15.4	98	1004	31	24	6*	6	4	6	5	3	7	0	80	8	
	12	13.3	84	15.4	98	1008	31	20	5	6	3	5	5	3	0	0	1	8	
	18	13.8	87	15.4	98	1009	29	20	5	6	3	4	4	3	0	0	2	8	
2	0	12.8	93	15.4	97	1001	24	32	7*			8					61	6	5.2
	6	14.6	94	15.4	97	994	28	36	8**	7	6	8	5	7	2		60	6	
	12	13.0	78	15.4	97	993	30	36	8**	7	7	6	6	3	0	0	81	8	
	18	11.6	80	15.2	97	994	33	29	7*	7	7	6	6	9			81	9	
3	0	12.0	83	15.2	98	994	31	41	9**			3					2	8	5.2
	6	11.3	91	15.0	97	994	31	42	9**	7	8	8	8	7			25	8	
	12	13.5	87	15.0	98	999	34	32	7*	7	7	5	5	3	0	0	25	8	
	18	12.8	94	15.0	98	1007	33	34	8**	7	7	7	7	9			25	8	
4	0	12.8	84	15.0	98	1011	33	29	7*			8					2	8	.8
	6	12.2	88	15.0	98	1014	33	21	5	6	4	6	3	2	3	0	2	8	
	12	11.1	90	14.9	98	1014	25	14	4	5	2	8	8	0	2		61	2	
	18	11.6	93	14.9	98	1009	20	24	6*	5	2	8	8	0	2		51	6	
5	0	14.7	95	14.8	98	1007	27	27	6*			8					2	6	1.2
	6	14.9	88	14.8	98	1006	26	26	6*	5	3	8	8	0	2		2	6	
	12	15.2	91	14.8	97	1005	24	28	7*	5	4	8	8	0	2		2	6	
	18	14.9	92	14.8	98	1005	23	24	6*	5	4	8	8	5			2	2	
6	0	14.6	91	14.8	97	1003	21	28	7*			8					2	6	.3
	6	14.1	93	14.8	97	1001	21	28	7*	5	4	8	6	7	2		2	6	
	12	12.8	81	14.9	98	1002	23	10	4	4	2	6	1	2	7	0	2	5	
	18	13.8	88	14.9	97	1000	17	22	6*	3	2	8	8	5			2	6	
7	0	13.5	84	14.8	97	1002	21	22	6*			8					2	2	.0
	6	13.0	91	14.8	97	1003	20	20	5	5	2	8	8	5			2	2	
	12	12.4	88	14.8	97	1005	20	17	5	4	2	7	4	5	3		2	2	
	18	13.3	85	14.9	97	1007	21	14	4		1	6	0	0	7		2	2	
8	0	12.8	88	14.9	97	1009	21	18	5			3					2	1	.
	6	10.6	98	14.8	96	1012	19	14	4		1	8	8	6			10	2	
	12	12.4	88	14.8	97	1015	21	14	4		1	8	8	5			2	2	
	18	13.5	87	14.9	97	1018	22	12	4			3	0	0	4	0	1	1	
9	0	13.2	87	14.9	97	1022	22	12	4			0	0	0	0	0	2	0	.
	6	13.2	80	14.9	97	1024	28	5	2			3	0	0	3	0	2	0	
	12	13.8	73	14.9	98	1026	0	0	0			1	0	0	0	1	2	0	
	18	13.8	76	15.0	98	1024	9	6	2			2					2	0	
10	0	12.9	88	14.8	97	1023	13	10	3			0	0	0	0	0	2	0	.
	6	12.0	89	14.6	97	1021	3	4	2			2	0	0	0	2	2	0	
	12	13.2	92	14.6	96	1024	20	10	3		1	8	8	5			10	0	
	18	13.0	91	14.7	96	1026	11	9	3			8					10	2	

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	11.8	95	14.7	92	1028	12	13	4								45	4	
	6	11.4	99	14.5	92	1029	12	12	4		1						45	4	.
	12	11.6	97	14.8	92	1030	13	17	5	4	1						45	4	.
	18	13.1	95	14.6	96	1029	11	20	5			8					10	4	.
12	0	12.3	93	14.5	96	1029	12	20	5			8					10	2	
	6	12.0	94	14.5	96	1028	12	20	5	5	2	8	8	6			10	2	.
	12	12.6	91	14.5	96	1030	14	15	5	4	1	8	8	6			10	2	.
	18	13.5	93	14.5	96	1028	15	9	3			8					10	2	.
13	0	12.2	96	14.5	91	1028	16	8	3								47	2	
	6	12.0	96	14.4	92	1026	20	8	3								45	4	.
	12	12.8	96	14.5	94	1027	35	8	3			8					28	6	.
	18	12.7	98	14.3	96	1027	12	12	4			8					10	2	.2
14	0	12.8	93	14.3	96	1027	9	8	3			7					10	2	
	6	12.9	92	14.3	96	1028	8	13	4			8					10	2	.
	12	12.1	90	14.5	98	1030	11	20	5	3	3	4	2	5	9	2	1	2	.
	18	12.6	90	14.3	97	1031	10	20	5			7	5	7	2		2	2	.
15	0	11.2	90	14.4	98	1032	13	19	5			1					1	0	
	6	9.3	84	14.3	98	1032	13	13	5	3	1	1					3	0	.
	12	10.6	83	14.1	98	1033	13	16	5	3	2	1	1	0	4	0	2	0	.
	18	10.1	78	14.3	98	1032	12	13	4			2					2	0	.
16	0	10.1	85	14.0	98	1033	14	14	5			0					1	1	
	6	9.0	84	13.9	98	1033	17	11	4	3	1	2	0	0	0	2	3	0	.
	12	12.4	84	14.0	98	1033	14	14	4	3	1	3	0	0	0	5	3	0	.
	18	11.7	81	14.0	98	1032	15	11	4			6					2	2	.
17	0	11.4	90	13.9	98	1031	17	17	5			1					1	0	
	6	10.2	95	14.0	97	1029	17	16	5	3	2	0	0	0	0	0	1	0	.
	12	11.5	85	14.1	97	1028	20	18	5	3	2	2	0	0	0	5	1	0	.
	18	12.5	79	13.8	97	1026	20	8	3			4					3	0	.
18	0	12.7	81	14.0	97	1023	22	19	5			4					3	0	
	6	12.6	83	13.7	96	1019	27	20	5			8					10	1	.
	12	13.7	86	13.9	96	1018	26	28	7*	3	3	8	6	7	1		10	2	.
	18	13.0	85	13.8	98	1014	27	28	7*			7					2	2	.
19	0	13.0	83	13.8	97	1006	26	30	7*			8					2	2	
	6	12.9	92	13.8	97	996	25	38	8**			8					62	2	1.4
	12	12.2	70	14.0	97	995	29	42	9**	6	10	6	6	9	0	0	2	6	
	18	10.4	78	13.8	97	997	30	28	8**			6					80	8	3.7
20	0	10.5	78	13.7	98	995	30	28	7*			7					80	8	
	6	8.3	85	13.6	98	993	30	32	7*			8					81	8	1.7
	12	9.2	87	13.6	98	992	30	22	6*	4	3	7	4	9	2		81	8	
	18	11.4	79	13.6	98	993	33	28	7*			7					81	8	3.7

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	11.2	79	13.4	98	996	34	38	8**			6						25	8	
	6	10.0	82	13.5	98	1001	35	27	6*			5						25	8	4.0
	12	12.3	71	13.5	98	1007	3	20	5	4	3	4	4	2	0	0		1	2	
	18	11.5	79	13.5	98	1011	36	24	6*			5						2	8	1.9
22	0	10.2	76	13.4	99	1013	35	30	7*			6						80	8	
	6	10.4	73	13.3	98	1013	35	28	7*			6						2	2	.8
	12	10.2	78	13.3	99	1019	36	14	4			5	2	1	6	6		2	2	
	18	10.5	78	13.1	98	1019	34	24	6*			7						25	8	.4
23	0	10.7	80	13.2	98	1021	35	24	6*			7						61	8	
	6	10.5	75	13.0	99	1024	5	4	2			7						2	2	2.1
	12	11.0	74	13.1	99	1027	18	7	3			5	2	1	0	2		3	1	
	18	10.6	80	13.0	98	1028	18	9	3			8						3	1	.
24	0	10.3	84	13.0	98	1028	23	18	5			8						2	6	
	6	11.0	93	13.0	98	1026	26	22	6*			8						63	6	1.6
	12	11.1	95	13.0	96	1024	26	17	5		1	8	5	7	2			20	5	
	18	12.9	92	13.0	97	1023	27	22	6*			8						50	5	1.6
25	0	13.0	91	13.0	96	1020	27	24	6*			8						10	5	
	6	12.2	91	12.9	97	1017	27	24	6*			8						51	2	.2
	12	12.2	96	12.9	96	1015	26	24	7*	4	4	8	5	7	2			51	5	
	18	12.3	93	12.8	96	1011	25	38	8**			8						62	6	4.5
26	0	12.2	86	12.8	98	1010	27	23	6*			8						62	6	
	6	12.1	88	12.8	98	1009	29	25	6*			7						2	5	4.8
	12	10.5	79	12.9	98	1011	29	28	7*	4	3	7	2	1	6	0		25	8	
	18	10.8	74	12.9	98	1012	29	30	7*			5						2	1	1.9
27	0	9.9	78	12.8	99	1015	29	31	8**			7						13	6	
	6	9.6	82	12.7	98	1019	32	24	7*			4						88	6	1.5
	12	9.7	75	12.9	99	1025	31	17	5	4	2	6	3	2	7	2		3	2	
	18	10.2	69	12.7	98	1024	25	11	4			8						2	2	.0
28	0	8.5	91	12.7	97	1018	18	26	6*			8						61	6	
	6	11.6	98	12.6	97	1011	24	30	7*			8						61	6	3.4
	12	12.3	88	12.7	97	1012	31	28	7*	5	4	8	8	5				1	6	
	18	10.6	79	12.6	98	1015	31	30	7*			8						2	2	2.2
29	0	10.0	92	12.6	98	1017	31	32	7*			8						2	6	
	6	9.6	84	12.6	98	1021	32	18	5			7						2	2	.0
	12	9.5	89	12.5	97	1022	22	16	5		1	8	8	0	2			61	2	
	18	12.0	94	12.4	96	1018	23	25	6*			8						10	2	.3
30	0	11.8	95	12.4	97	1015	23	28	7*			8						2	6	
	6	12.6	92	12.4	97	1013	24	28	7*			8						2	2	.2
	12	13.0	94	12.4	97	1010	24	32	7*	6	4	8	8	0	2			61	6	
	18	13.4	97	12.4	97	1006	25	39	8**			8						61	6	1.2
31	0	11.0	94	12.4	98	1008	29	30	7*			8						61	6	
	6	12.1	79	12.4	98	1010	29	22	6*			8						2	6	7.0
	12	12.4	84	12.5	98	1013	26	16	5	3	1	8	8	5				2	2	
	18	12.2	94	12.5	97	1009	23	24	6*			8						2	6	.2

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	13.3	96	12.4	97	1003	23	38	8**				8				21	6	2.0
	6	13.8	74	12.4	97	1003	27	44	9**				7				2	8	
	12	12.4	83	12.5	98	1007	27	38	8**	8	7	8	8	8			2	2	
	18	12.0	72	12.4	98	1010	27	38	8**				8				2	2	
2	0	11.5	88	12.4	98	1013	28	32	7*				8				2	2	.7
	6	10.3	91	12.3	97	1012	28	14	4				8				61	2	
	12	9.3	90	12.3	98	1012	17	7	3			8	8	0	2		2	6	
	18	10.4	93	12.3	97	1009	17	18	5			8					60	2	
3	0	13.1	89	12.2	98	1009	26	22	6*				8				2	2	1.7
	6	12.4	96	12.2	97	1003	24	14	4				8				61	2	
	12	11.6	81	12.3	98	999	27	38	8**	7	6	6	4	2	3	0	1	6	
	18	12.2	82	12.3	97	998	26	43	9**			8					81	6	
4	0	10.8	89	12.3	97	1007	29	40	8**				8				2	8	4.0
	6	11.4	93	12.1	98	1012	29	28	7*				7				2	2	
	12	11.0	85	12.2	98	1015	30	25	6*	7	5	6	3	2	3	1	2	2	
	18	11.5	88	12.2	98	1015	27	22	6*			8					25	8	
5	0	11.5	91	12.2	98	1010	24	29	7*				8				2	2	8.0
	6	10.5	85	12.1	98	1006	30	31	8**				5				2	6	
	12	10.8	74	12.1	98	1008	29	32	7*	8	6	7	5	3	0	1	3	1	
	18	9.4	87	12.1	97	1009	32	35	8**			8					81	8	
6	0	9.6	87	11.9	98	1013	33	24	6*				4				2	8	2.5
	6	8.3	89	11.9	98	1017	36	5	3				4				2	8	
	12	10.3	76	11.8	98	1019	32	12	4		1	7	7	9			2	8	
	18	8.6	68	11.8	99	1018	30	13	4			7					2	2	
7	0	6.6	81	11.8	97	1019	10	18	5				8				2	8	2.1
	6	4.8	87	11.7	98	1019	10	16	5				8				2	2	
	12	4.8	84	11.7	98	1021	9	12	4	3	2	8	8	5			2	2	
	18	5.3	79	11.7	98	1023	9	12	4			2					2	2	
8	0	5.0	83	11.2	98	1025	20	8	3				3				2	0	.3
	6	5.0	90	11.2	98	1023	23	11	4				1				2	0	
	12	3.6	91	11.3	97	1018	21	26	6*	5	3	8	8	0	1		2	2	
	18	6.7	96	11.3	96	1007	22	35	8**			8					51	6	
9	0	10.8	93	11.3	97	1002	29	34	8**				8				61	6	4.5
	6	10.0	79	11.2	98	1000	29	36	8**				4				2	8	
	12	10.3	91	11.2	98	998	29	38	8**	8	8	5	5	3	0	0	2	8	
	18	9.2	94	11.2	98	998	30	43	9**			7					25	8	
10	0	8.6	92	11.2	98	1006	32	34	8**				8				2	8	6.0
	6	7.7	88	11.2	98	1011	33	26	6*				8				2	8	
	12	9.5	75	11.1	98	1015	33	22	6*	6	3	7	7	9			2	8	
	18	8.7	74	11.1	98	1016	32	13	4			5					1	2	

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	8.7	84	10.9	98	1014	21	18	5			7						3	2	
	6	8.6	92	11.0	96	1005	22	24	6*			8						63	6	5.0
	12	11.2	97	11.0	96	1003	25	25	6*	3	3	8	8	7				10	6	
	18	11.9	90	11.0	97	1003	25	24	6*			8						61	2	3.5
12	0	11.1	93	10.9	97	1000	24	30	7*			8						60	6	
	6	10.0	94	10.9	98	998	28	14	4			8						63	5	3.4
	12	8.1	96	11.0	97	999	27	12	4	3	1	8	6	7	2			61	6	
	18	8.4	72	10.8	98	999	26	22	6*			8						60	6	9.8
13	0	8.9	67	10.9	99	1000	25	24	6*			7						2	6	
	6	9.0	83	10.8	98	1000	25	26	6*			6						3	2	.0
	12	8.7	65	10.9	98	1004	27	30	7*	4	6	5	5	9	0	0		2	2	
	18	8.8	71	10.7	99	1005	25	24	7*			3						1	1	.
14	0	7.4	84	10.8	98	1003	20	24	6*			4						1	8	
	6	5.9	88	10.8	97	998	18	28	7*			4						2	0	.0
	12	6.9	83	10.8	98	996	18	24	6*	4	4	6	4	0	7	3		3	1	
	18	8.3	90	10.6	97	995	18	21	6*			8						2	2	.
15	0	7.2	95	10.7	98	994	19	20	5			8						2	6	
	6	7.0	88	10.7	97	994	19	20	5			8						2	2	.0
	12	7.8	86	10.7	98	997	19	14	4	3	2	5	3	9	7	0		2	2	
	18	7.5	87	10.6	98	999	18	8	3			8						2	2	.0
16	0	7.1	83	10.6	98	1002	35	20	6*			8						61	6	
	6	8.1	69	10.4	98	1005	33	15	4			5						3	6	.3
	12	8.5	69	10.4	98	1006	22	20	5	3	2	3	2	2	0	2		1	1	
	18	7.6	86	10.4	98	1004	20	29	7*			8						2	2	.
17	0	5.7	90	10.1	97	1002	20	30	7*			8						61	6	
	6	5.1	94	10.2	97	1002	21	20	5			8						2	6	.4
	12	6.5	92	10.2	96	1003	18	8	3			8	5	7	2			10	2	
	18	6.6	89	10.1	97	1002	19	12	4			8						2	2	.
18	0	5.8	93	10.1	96	996	16	32	7*			6						10	2	
	6	7.8	95	10.0	96	988	17	30	7*			8						21	6	5.5
	12	9.4	87	10.2	97	990	19	32	8**	4	5	8	5	7	2			2	6	
	18	9.4	87	10.2	97	991	19	22	6*			5						2	2	.3
19	0	8.2	96	10.1	96	984	15	30	7*			8						61	6	
	6	10.8	91	10.2	98	981	18	28	7*			7						21	6	4.8
	12	12.4	84	10.4	99	983	18	26	7*	3	3	3	1	1	6	0		1	0	
	18	10.9	89	10.1	97	989	21	40	8**			8						21	6	.0
20	0	7.8	88	10.3	98	998	27	30	7*			8						61	6	
	6	8.0	88	10.1	98	1003	23	26	6*			2						1	6	8.6
	12	7.5	88	10.2	97	1006	19	19	5	3	2	2	0	0	0	2		1	1	
	18	8.5	89	10.2	97	1003	16	32	7*			8						0	1	.0

1970 NOVEMBER

FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _H	C _L	C _M	C _H	ww	W	R
21	0	8.4	82	10.1	96	996	15	34	8**				8				61	6	12.5
	6	7.5	92	10.0	98	997	21	28	7*				6				25	6	
	12	8.0	88	10.0	98	1002	20	26	7*	3	3	7	4	7	2		3	1	
	18	8.5	86	10.1	98	1006	21	18	5				2				1	1	
22	0	8.4	94	10.0	96	1010	20	14	4				0				10	0	.
	6	6.6	97	10.0	91	1013	99	5	2								47	0	
	12	7.2	93	9.9	96	1016	21	5	2			7	7	8			10	4	
	18	6.4	98	10.0	93	1018	24	10	3								47	4	
23	0	7.0	92	9.9	97	1020	22	12	4				2				10	0	.
	6	6.0	97	9.8	93	1021	20	14	4								45	4	
	12	5.4	96	9.8	94	1020	18	21	6*	3	1	7	7	5			28	4	
	18	7.8	83	9.7	96	1017	17	32	7*				8				10	2	
24	0	8.1	86	9.8	97	1016	19	24	6*				8				2	6	.9
	6	7.9	88	9.7	97	1016	20	22	6*				3				1	0	
	12	8.7	68	9.8	98	1016	19	20	5	3	1	6	3	0	3	1	3	1	
	18	9.5	75	9.7	97	1015	17	22	6*				2				2	2	
25	0	8.1	79	9.7	97	1016	18	18	5				4				2	2	.
	6	7.6	82	9.4	97	1016	18	16	5				0	0	0	0	2	0	
	12	8.5	73	9.5	97	1017	19	17	5	4	2	2	0	0	0	1	2	0	
	18	8.7	89	9.3	97	1019	21	14	4				0	0	0	0	2	0	
26	0	8.8	92	9.3	97	1022	23	17	5				0	0	0	0	2	0	.
	6	9.4	98	9.2	93	1024	24	17	5								47	0	
	12	8.6	99	9.1	93	1028	24	14	4		1						45	4	
	18	9.8	96	9.2	96	1030	30	11	4				3				10	4	
27	0	8.7	98	9.2	97	1032	36	10	3				2				2	0	.
	6	8.5	86	9.0	98	1031	6	4	2				8				2	0	
	12	8.3	85	9.3	98	1030	17	5	2				7	7	5		2	2	
	18	6.6	93	9.0	97	1028	13	10	3				8				2	2	
28	0	6.3	99	9.2	92	1023	15	20	5								45	4	.
	6	5.3	99	9.0	92	1018	16	16	5								45	4	
	12	6.5	89	9.1	96	1014	18	20	5	3	2	7	0	0	0	8	10	2	
	18	7.2	97	9.1	96	1009	22	19	5				8				60	2	
29	0	8.8	92	9.0	96	1006	23	20	5				8				10	6	.1
	6	9.2	98	9.2	96	1003	21	14	4				8				51	2	
	12	8.0	99	9.2	95	1001	15	9	3		1	8	8	0	2		61	6	
	18	8.2	97	9.2	96	996	14	21	5				8				60	6	
30	0	10.2	94	9.2	97	995	16	19	5				5				2	6	1.2
	6	9.1	95	9.2	97	996	22	29	7*				8				60	6	
	12	9.5	86	9.4	97	1000	21	28	7*	5	4	7	7	0	7		2	6	
	18	9.3	90	9.4	98	1002	18	13	4				8				2	2	

1970 DEZEMBER

FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	8.3	91	9.3	97	1003	21	20	5				8					2	2	
	6	7.8	97	9.3	97	1003	23	8	3				8					20	1	.2
	12	8.6	90	9.3	98	1004	25	13	4		1		8	8	9			2	6	
	18	8.8	95	9.3	97	1005	23	14	4				8					21	6	.2
2	0	9.3	83	9.3	98	1009	32	24	6*				8					2	8	
	6	8.7	80	9.1	98	1012	29	22	6*				2					1	8	.4
	12	9.0	89	9.2	98	1011	26	26	6*	5	3		8	6	7	2		25	8	
	18	9.0	78	9.4	97	1009	24	24	6*				8					2	2	.4
3	0	8.7	96	9.4	97	1002	21	26	6*				8					61	6	
	6	9.6	99	9.3	97	994	29	25	6*				8					61	6	3.5
	12	8.0	75	9.3	98	1006	35	28	7*	6	5		4	4	3	0	0	25	8	
	18	8.7	77	9.3	98	1015	34	20	5				4					2	1	.2
4	0	8.0	76	9.2	98	1019	30	10	3				0	0	0	0	0	2	0	
	6	7.3	86	9.0	98	1019	19	18	5				8					2	2	.
	12	7.5	81	9.0	97	1015	18	28	7*	5	3		8	8	0	2		2	2	
	18	8.7	95	9.0	97	1011	24	22	6*				5					1	6	2.4
5	0	9.0	84	9.0	98	1012	27	20	5				0	0	0	0	0	2	0	
	6	9.0	77	9.2	98	1012	27	28	7*				1					1	1	.
	12	9.5	87	9.2	98	1017	30	24	6*	6	4		3	3	2	0	0	2	8	
	18	9.4	83	9.2	98	1022	29	23	6*				6					2	1	.0
6	0	9.3	84	9.1	97	1021	24	24	6*				2					2	0	
	6	8.0	91	9.3	97	1015	22	30	7*				8					2	2	.
	12	8.0	95	9.2	97	1009	21	32	7*	6	5		8	8	0	2		61	6	
	18	8.6	79	9.2	98	1009	29	30	7*				5					1	8	2.5
7	0	7.4	79	9.0	98	1012	27	18	4				7					80	8	
	6	8.5	76	9.0	98	1015	32	22	6*				1					2	0	1.5
	12	8.7	73	9.0	98	1019	35	26	6*	6	3		8	8	5			25	8	
	18	8.8	78	9.1	98	1025	36	26	6*				4					1	8	1.4
8	0	8.8	82	9.1	98	1032	3	18	5				4					80	1	
	6	8.1	69	9.0	98	1035	3	8	3				7					2	2	.1
	12	8.3	76	9.0	98	1039	34	11	4		1		2	2	1	0	0	2	0	
	18	7.8	83	9.0	98	1041	30	17	5				2					1	1	.
9	0	7.9	85	8.9	98	1041	32	19	5				6					3	1	
	6	8.3	87	8.8	98	1039	32	21	6*				8					2	2	.
	12	9.4	85	8.9	98	1040	34	20	5	4	2		8	8	5			2	2	
	18	8.0	88	8.8	98	1040	36	19	5				8					2	2	.
10	0	9.1	86	8.7	98	1040	35	16	4				8					2	2	
	6	9.0	86	8.7	98	1039	34	14	4				1					1	1	.
	12	9.5	91	8.6	98	1040	34	12	4	3	1		7	7	0	7		3	2	
	18	9.0	90	8.6	98	1038	35	8	3				7					2	2	.

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FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	7.8	94	8.5	99	1037	1	7	3				8				2	2	
	6	8.1	95	8.6	98	1035	99	5	1				8				2	2	.
	12	6.7	93	8.6	98	1033	13	6	2		1	8	4	3	2		2	2	
	18	6.1	94	8.4	97	1030	16	12	4				8				2	2	.
12	0	5.8	89	8.3	96	1029	19	12	4				8				10	2	
	6	3.9	85	8.2	97	1027	19	13	4				8				2	2	.
	12	4.6	90	8.2	96	1025	18	14	4	3	1	8	8	0	2		10	2	
	18	4.9	88	8.2	96	1024	19	17	4			5					10	2	.
13	0	5.5	91	7.9	96	1024	23	16	4				8				10	2	
	6	5.8	97	8.1	94	1024	23	15	4								47	2	.
	12	6.9	95	8.0	96	1025	24	19	5	3	1	8	3	7	2		10	4	
	18	9.0	78	8.2	98	1026	29	20	5			4					1	2	.
14	0	8.3	82	8.8	98	1028	31	17	5				6				2	2	
	6	8.0	71	8.6	98	1026	29	22	6*				6				2	2	.
	12	7.3	77	8.6	98	1026	33	28	7*	3	1	6	4	2	2	0	25	8	
	18	7.4	70	7.8	98	1028	34	22	6*			7					3	8	2.0
15	0	7.9	85	8.3	98	1030	35	19	5				5				2	2	
	6	7.8	71	7.9	98	1033	35	18	5				5				1	2	.
	12	7.0	75	8.1	98	1035	33	12	3		1	7	4	7	2	0	2	2	
	18	6.9	77	7.9	98	1035	29	13	4			4					2	8	.1
16	0	6.8	66	8.0	99	1035	25	9	3				7				2	2	
	6	6.9	85	7.9	97	1034	24	20	5				8				2	2	.
	12	6.9	84	8.3	96	1034	23	21	5	3	2	8	5	7	2		10	2	
	18	6.5	89	8.1	96	1033	23	22	6*			8					10	2	.
17	0	6.3	80	7.8	96	1031	22	24	6*				8				10	2	
	6	4.7	74	7.7	97	1027	21	28	7*				2				3	0	.
	12	3.9	94	7.9	96	1022	22	30	8**	4	5	8	5	7	2		61	2	
	18	8.6	94	7.9	97	1023	22	17	5			8					21	6	.8
18	0	8.5	86	7.9	98	1023	31	19	5				0				2	0	
	6	8.4	85	8.2	98	1024	27	9	3				7				3	1	.
	12	6.0	97	8.2	93	1023	23	14	4	3	1						47	2	
	18	6.8	95	8.3	92	1023	22	16	5								47	4	.
19	0	6.3	97	8.0	94	1022	21	18	5								45	4	
	6	7.1	97	8.1	93	1022	21	18	5								47	4	.
	12	8.0	99	8.3	92	1022	23	15	4	4	2						47	4	
	18	8.7	96	8.2	92	1023	24	18	5								47	4	.
20	0	8.4	95	8.2	96	1023	24	24	6*				8				10	4	
	6	8.4	94	8.3	96	1021	24	28	7*				8				10	2	.
	12	8.4	96	8.3	98	1022	28	19	5	3	3	7	7	5			2	6	
	18	7.9	78	8.3	98	1024	32	22	6*			3					2	8	2.4

1970 DEZEMBER

FEUERSCHIFF "J/E 3 - BORKUMRIFF"

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	7.9	73	7.9	99	1023	31	22	6*				4				0	0	1.4
	6	6.9	83	8.0	98	1023	35	30	7*				6				26	8	
	12	4.6	88	7.6	98	1024	35	30	7*	4	6	5	3	2	6	0	1	8	
	18	5.3	64	7.9	99	1025	36	40	8**				6				2	8	
22	0	4.5	88	7.8	98	1022	3	30	8**				8				84	8	3.3
	6	4.4	84	7.9	98	1026	4	20	5				5				2	8	
	12	4.5	78	7.7	98	1028	3	18	5	3	1	4	3	9	3	0	2	8	
	18	3.4	79	7.6	98	1027	4	5	3				2				2	8	
23	0	1.5	92	7.6	98	1026	14	10	3				4				22	7	.0
	6	1.8	83	7.4	98	1023	20	9	3				8				71	2	
	12	2.7	75	7.3	98	1022	19	13	4		1	6	2	5	5	0	2	2	
	18	.4	81	7.2	98	1024	13	14	4				1				2	0	
24	0	1.0	78	7.2	98	1026	12	14	4				3				2	0	.
	6	2.4	73	7.2	98	1026	8	15	5				2				2	0	
	12	1.8	64	7.1	98	1027	6	22	6*	4	3	6	5	9	0	6	3	8	
	18	2.4	71	7.0	98	1028	7	21	6*								2	8	
25	0	2.0	72	7.0	98	1029	6	19	5				6				85	8	.0
	6	1.6	82	7.0	98	1027	8	17	5				6				85	8	
	12	1.8	92	6.7	98	1027	6	12	4	5	2	7	7	9			85	8	
	18	2.1	79	6.6	98	1024	3	14	4				8				2	8	
26	0	1.9	80	6.6	98	1020	9	22	6*				8				72	7	.0
	6	.5	73	6.4	98	1021	13	22	6*				5				2	7	
	12	1.0	99	6.3	98	1022	12	26	7*	4	3	7	5	6	7		22	7	
	18	.5	84	6.4	98	1021	10	26	7*				8				71	7	
27	0	2.4	84	6.4	97	1022	11	18	5				8				71	7	.0
	6	1.4	85	6.5	97	1020	12	21	6*				8				22	7	
	12	1.3	87	6.7	97	1020	11	19	5	4	2	8	8	6			2	2	
	18	1.0	87	6.6	97	1018	10	24	6*				8				2	2	
28	0	.5	80	6.6	97	1015	9	28	7*				8				2	2	.0
	6	1.5	87	6.4	97	1010	9	28	7*				8				22	7	
	12	1.4	90	6.5	97	1008	7	29	7*	5	4	8	8	5			2	2	
	18	2.8	87	6.2	97	1005	8	32	8**				8				2	2	
29	0	3.8	82	6.2	97	1006	8	29	7*				8				2	2	.
	6	4.4	87	6.0	98	1006	7	28	7*				8				2	2	
	12	3.5	85	6.0	97	1008	7	27	7*	5	4	8	8	5			2	2	
	18	3.2	88	6.0	97	1006	7	23	6*				8				2	6	
30	0	2.3	79	6.0	98	1005	6	18	5				8				2	2	.0
	6	2.0	87	6.0	98	1002	5	19	5				8				70	7	
	12	1.9	72	5.9	98	1004	4	32	7*	4	5	5	5	2	0	0	2	2	
	18	1.5	88	5.6	98	1004	3	22	6*				1				1	0	
31	0	1.8	90	5.8	98	1005	35	10	3				6				71	7	1.2
	6	2.7	76	5.3	99	1006	2	15	5				2				26	7	
	12	.2	86	5.7	98	1009	6	11	4		1	7	5	3	2	0	26	8	
	18	.4	72	5.6	98	1012	3	18	5				4				27	8	

1970 JANUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	5.9	69	2.2	98	1011	7	15	4			0	0	0	0	0	2	0	
	6	5.8	68	1.9	98	1008	7	9	3			0	0	0	0	0	2	0	.
	12	4.0	82	1.7	97	1007	5	3	1			7	4	1	0	2	3	1	
	18	3.6	87	1.5	97	1004	23	16	5			8					2	2	.
2	0	2.2	90	2.0	97	1000	23	25	6*			8					2	7	
	6	.0	93	3.2	95	995	23	29	7*			8					71	7	.0
	12	3.6	83	2.8	97	995	25	19	5	3	3	8	8	6			2	2	
	18	.5	91	2.9	95	992	5	15	4			8					87	6	.0
3	0	1.3	86	2.2	98	993	32	20	6*			8					22	7	
	6	1.3	81	3.0	97	994	27	17	5			3					2	1	.2
	12	.7	88	2.0	98	994	23	20	5	3	3	6	6	2			2	2	
	18	1.5	75	2.5	97	994	27	21	5			0					2	0	.0
4	0	.3	91	2.8	98	993	25	33	7*			8					71	7	
	6	1.9	89	2.9	98	995	25	26	6*			3					70	7	.8
	12	2.3	82	2.9	97	996	25	22	6*	4	5	4	4	3	0	0	1	2	
	18	1.0	88	3.2	98	997	25	20	5			0	0	0	0	0	1	0	.4
5	0	.4	89	3.0	97	997	23	13	4			0	0	0	0	0	2	0	
	6	2.1	96	3.2	93	994	20	3	1								47	0	.
	12	2.5	96	3.1	92	994	0	0	0								45	4	
	18	.3	93	2.5	96	996	0	0	0			8					10	4	.
6	0	.4	96		96	998	20	10	3			8					10	2	
	6	.0	93	2.6	95	999	23	16	4			8					10	2	.
	12	1.0	93	3.4	96	1001	20	18	5	3	1	8	8	5			2	2	
	18	1.4	94	2.4	96	1002	16	23	6*			8					71	2	.0
7	0	.4	93	3.0	95	1005	16	14	4			8					71	7	
	6	1.2	94	1.5	96	1011	9	5	2			8					71	7	.8
	12	1.7	92	2.7	96	1017	5	11	3			6	6	0	1	0	10	2	
	18	2.5	90	1.5	96	1023	5	13	3			8					10	2	.0
8	0	.2	94	3.0	96	1025	16	11	3			8					10	2	
	6	3.5	89	1.2	96	1026	11	13	4			8					10	2	.
	12	4.2	96	1.4	94	1027	11	11	4	3	1	8	8	6			10	4	
	18	4.3	91	.3	96	1026	14	23	5			8					10	2	.
9	0	3.6	81	2.1	96	1021	11	29	7*			8					10	2	
	6	3.3	83	.9	97	1019	11	29	7*			8					2	2	.
	12	1.9	80	2.7	97	1013	11	32	7*	4	4	7	7	5			2	2	
	18	2.1	82	2.9	97	1010	14	22	6*			8					61	2	.2
10	0	.5	89	1.1	97	1010	14	31	6*			7					2	2	
	6	.5	87	3.0	96	1010	14	23	6*			2					10	1	.2
	12	.0	86	3.0	96	1008	14	19	5	3	2	3	0	0	0	5	10	0	
	18	.0	89	3.0	96	1004	11	19	5			8					61	1	.0

1970 JANUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	1.0	90	3.0	96	1001	14	12	4				8				10	6	3.4
	6	1.9	92	3.0	96	1000	14	15	4				3				10	0	
	12	1.7	93	2.1	95	999	14	15	4	4	1	6	6	0	3	0	10	1	
	18	3.0	86	3.2	96	996	14	20	5				7				10	2	
12	0	2.9	84	2.5	96	995	11	13	4				8				10	2	.
	6	1.2	90	3.0	95	994	9	13	4				8				10	2	
	12	.6	93	2.0	95	995	11	11	4	3	1	8	8	5			10	2	
	18	1.2	90	3.0	96	997	11	10	3				8				10	2	
13	0	.0	93	1.7	95	998	14	7	2				6				10	2	.
	6	2.1	92	3.6	95	998	18	9	2				8				10	1	
	12	.5	93	1.9	93	1000	16	14	4								45	4	
	18	3.0	94	3.4	95	1000	18	11	4				8				21	4	
14	0	1.1	95	1.5	95	1001	16	8	2				8				10	2	.2
	6	1.9	92	3.6	94	1001	11	7	2								41	6	
	12	1.4	97	2.0	95	1002	11	14	3			2	0	0	0	5	10	1	
	18	1.9	92	3.3	94	1001	11	15	4		1	0					10	0	
15	0	.0	98	1.4	93	1001	9	20	5			1	8				46	1	.
	6	1.0	93	3.4	94	1000	9	24	6*			1	8				10	4	
	12	.8	96	1.4	95	1001	9	20	6*			2	8	8	6		61	2	
	18	.7	96	3.0	96	1002	9	22	6*			2	8				68	6	
16	0	.3	97	2.9	97	1005	9	23	6*	3	2	8					68	7	1.1
	6	1.1	96	3.0	97	1007	9	25	6*			2	8				71	7	
	12	.8	94	2.2	97	1012	9	24	6*	3	3	8	8	5			2	7	
	18	1.0	89	2.0	97	1014	9	26	6*			2	8				71	2	
17	0	1.6	94	2.0	97	1018	9	20	5			2	8				71	7	.1
	6	1.4	94	2.0	98	1019	9	28	7*			2	8				71	7	
	12	1.8	82	1.9	97	1022	9	27	7*	4	2	8	4	7	2	0	22	7	
	18	1.4	92	2.2	98	1023	9	25	6*			2	8				2	2	
18	0	1.6	80	2.0	98	1024	9	20	6*			2	8				2	2	.
	6	2.0	80	2.2	98	1024	11	25	6*			2	7				2	2	
	12	3.1	81	2.1	97	1025	11	20	5	3	2	1	0	0	0	2	2	0	
	18	3.9	87	2.1	98	1025	11	25	6*			2	2				2	0	
19	0	5.5	79	2.0	98	1027	11	17	4	3	1	4					3	0	.
	6	5.7	88	1.7	96	1027	14	12	4			1	6				2	2	
	12	5.9	88	2.4	97	1029	14	13	3	5	1	4	4	5	0	0	2	2	
	18	4.6	93	2.1	98	1029	14	20	4			1	6				2	2	
20	0	4.6	93	1.7	98	1029	14	18	5			1	7				2	2	.
	6	4.1	91	1.5	98	1028	11	22	5			1	8				2	2	
	12	3.2	94	2.1	97	1027	14	20	5			2	8	8	0	2	2	2	
	18	2.7	92	.9	98	1026	11	25	6*	4	1	7					3	2	

1970 JANUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	3.4	83	2.2	97	1026	14	20	5		2	2						1	1	
	6	5.0	84	1.7	97	1025	14	22	6*		2	1						1	0	.
	12	3.6	91	2.0	97	1024	14	19	5		1	0	0	0	0	0		2	0	
	18	3.8	93	1.9	96	1023	11	22	6*		1	0	0	0	0	0		10	0	.
22	0	3.8	91	1.9	96	1023	14	20	5		1	0	0	0	0	0		10	0	
	6	5.1	84	1.5	96	1022	14	23	6*		2	0	0	0	0	0		10	0	.
	12	4.0	91	1.9	96	1020	14	20	5	3	1	0	0	0	0	0		10	0	
	18	3.8	91	1.9	96	1020	11	20	5		1	8						10	2	.
23	0	2.6	88	1.7	96	1019	11	22	6*		1	8						10	2	
	6	3.6	94	1.7	96	1018	11	20	5		1	8						10	2	.
	12	3.2	94	1.9	95	1016	11	22	6*	3	1	8	8	6				71	2	
	18	2.5	78	1.6	96	1014	11	21	5		1	8						10	7	.0
24	0	1.4	88	1.8	96	1012	11	27	6*		2	4						10	2	
	6	3.1	89	1.7	96	1010	11	22	6*		1	8						10	2	.7
	12	2.1	94	1.7	95	1010	11	27	6*	3	2	8	8	6				10	2	
	18	1.9	90	1.5	96	1011	9	18	5		1	8						10	2	.
25	0	1.1	88	1.3	97	1012	11	19	5		1	8						2	2	
	6	.4	96	1.6	95	1013	11	17	5		1	8						10	2	.
	12	.9	93	1.9	95	1012	11	19	5		1	8	8	6				10	2	
	18	.9	93	1.8	95	1011	11	13	4		1	8						61	5	.2
26	0	1.8	95	1.8	95	1009	14	17	5		1	8						61	6	
	6	2.8	94	1.8	93	1009	18	18	4		1	8						61	6	4.1
	12	3.0	98	1.9	93	1013	25	10	3			8	8	6				51	5	
	18	2.4	95	2.0	93	1015	23	3	1			8						47	5	.4
27	0	1.6	95	2.0	95	1016	20	4	1			8						10	4	
	6	1.1	98	2.0	93	1015	18	3	1			8						61	5	.5
	12	.5	96	1.1	95	1016	0	0	0			8	8	6				73	7	
	18	.0	95	.6	97	1020	34	13	4			8						2	2	3.3
28	0	1.0	83	1.0	98	1022	29	9	3			8						2	2	
	6	2.0	92	1.5	98	1023	32	11	4			8						2	2	.
	12	1.6	90	.7	98	1024	27	13	4	3	1	8	8	6				2	6	
	18	1.2	95	1.0	96	1023	27	11	4			8						10	2	.
29	0	1.0	95	1.0	96	1023	27	4	1			8						10	2	
	6	.7	89	1.0	96	1023	7	10	3			8						10	4	.0
	12	2.3	90	.6	97	1022	9	15	4	3	1	4	0	0	0	5		1	1	
	18	2.4	86	1.0	97	1018	9	15	4			8						2	2	.
30	0	2.4	98	.4	97	1016	11	16	5			8						2	2	
	6	2.3	88	1.5	98	1012	9	15	4			8						2	2	.
	12	2.0	86	.5	97	1012	9	20	5	3	1	7	7	0	1	0		2	2	
	18	3.2	85	1.2	98	1013	7	19	5			2						2	0	.
31	0	4.5	75	1.0	98	1018	7	18	4			8						2	2	
	6	3.2	79	.7	98	1021	7	12	3			6						2	2	.
	12	3.0	77	.1	98	1026	7	7	2			0	0	0	0	0		2	0	
	18	3.0	81	.3	98	1026	9	5	2			0	0	0	0	0		2	0	.

1970 FEBRUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	4.0	82	.5	98	1026	16	13	3			0	0	0	0	0	2	0	
	6	4.0	84	1.0	98	1022	16	16	5			0	0	0	0	0	2	0	.
	12	4.4	75	.3	97	1020	16	19	5	3	1	0	0	0	0	0	2	0	
	18	3.2	69	1.4	98	1014	14	24	6*			0	0	0	0	0	2	0	.
2	0	4.8	78	.0	97	1010	14	24	6*			0	0	0	0	0	2	0	
	6	4.5	79	1.0	97	1000	16	28	7*			0	0	0	0	0	2	0	.
	12	1.1	92	.4	95	994	18	17	5	3	2	8	8	6			10	8	
	18	2.0	93	1.1	98	993	23	19	5			2					1	1	2.4
3	0	2.2	92	1.6	97	988	23	15	4			8					21	1	
	6	2.4	92	1.2	97	986	25	22	6*			3					1	1	.8
	12	2.3	89	1.3	96	988	25	28	7*	5	4	8	8	7			61	6	
	18	3.0	86	1.2	98	989	25	26	6*			8					2	2	.6
4	0	3.1	89	1.2	97	990	25	33	7*			8					21	6	
	6	2.9	87	.9	97	992	25	24	6*			8					61	2	.3
	12	2.1	92	1.1	97	994	25	22	6*	5	6	7	7	5			1	2	
	18	1.5	93	.2	96	992	23	14	4			8					10	2	.4
5	0	1.5	92	1.0	98	992	25	18	5			8					2	2	
	6	.9	93	.0	97	994	23	16	5			8					61	2	.2
	12	1.1	94	.6	96	996	5	13	4	4	2	8	8	6			21	6	
	18	1.6	90	.2	98	999	5	19	5			8					2	2	.9
6	0	1.8	88	.9	98	1002	5	20	4			8					2	2	
	6	3.0	83	.5	98	1005	2	7	2			8					2	2	.
	12	.9	81	.8	97	1007	26	19	5	4	2	8	8	5			3	7	
	18	.4	82	.2	98	1009	25	13	3			0	0	0	0	0	2	1	.0
7	0	.1	91	.5	98	1010	23	19	5			4					1	1	
	6	.8	94	.2	96	1006	23	21	5			3					10	1	.0
	12	.5	89	.0	96	1001	18	25	6*	4	2	8	0	0	0	7	10	2	
	18	.3	88	.0	95	993	18	27	6*			8					71	7	.5
8	0	.9	93	.6	97	989	23	26	6*			7					23	7	
	6	1.8	87	.5	98	991	25	28	7*			0	0	0	0	0	1	6	2.6
	12	1.7	90	.6	96	994	25	20	5	5	4	7	7	8			10	1	
	18	1.6	90	.6	98	996	23	22	6*			7					2	6	.4
9	0	1.5	92	.8	98	994	25	15	3			3					1	0	
	6	1.0	93	.5	97	991	23	12	3			6					2	7	.4
	12	1.5	92	.4	96	992	23	16	5	3	1	6	6	0	8	0	2	2	
	18	1.6	90	.6	98	992	23	11	3			7					2	6	.2
10	0	.2	93	.1	98	991	23	17	5			8					2	2	
	6	1.0	91	1.0	97	991	23	15	4			8					70	7	1.0
	12	.7	95	.5	96	994	23	14	4	3	1	7	7	5			10	2	
	18	.3	97	1.0	93	996	25	10	3	3	1	8					44	2	.3

1970 FEBRUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	.2	98	.6	95	998	29	9	3		1	8					22	7	
	6	.1	95	1.0	95	1001	2	3	1			8					10	4	.
	12	.6	95	.3	96	1005	7	10	3			8	8	6			10	7	
	18	.4	89	1.0	97	1009	7	9	2			8					2	2	.
12	0	1.0	89	.1	97	1010	11	10	3			8					2	2	
	6	1.4	96	.8	95	1008	14	13	3		1	8					10	2	.
	12	.4	91	.4	96	1005	14	15	4		1	8	5	7	2		10	2	
	18	1.0	89	1.0	96	998	9	18	4		1	8					10	2	.
13	0	1.2	92	.2	96	994	5	27	6*		2	8					10	2	
	6	1.4	90	.1	96	996	36	25	6*		2	8					10	2	.
	12	1.7	88	.1	96	1002	36	23	5	4	3	6	8	0	2		10	2	
	18	1.4	71	.0	98	1006	34	15	4		1	2					1	2	.
14	0	1.0	90	.1	98	1009	5	7	2			3					2	1	
	6	4.4	93	.1	96	1009	9	13	3		1	8					10	1	.
	12	4.6	87	.0	97	1012	7	4	1		1	7	7	5			1	1	.
	18	6.5	82	.4	97	1012	2	9	2			7					2	2	.
15	0	5.0	84	.5	98	1013	14	7	1			0	0	0	0	0	1	1	
	6	4.1	93	.7	97	1013	23	14	3			4					3	1	.
	12	1.0	94	.0	97	1012	25	17	5	4	2	2	2	0	0	0	1	7	
	18	2.0	80	.5	98	1014	34	11	3		1	0	0	0	0	0	2	0	.2
16	0	1.9	88	.4	98	1013	23	14	3		1	6					2	1	
	6	2.6	96	.4	96	1008	20	22	5		1	8					10	4	.
	12	.9	89	.4	96	1004	20	20	5	3	2	8	8	0	2		22	2	
	18	1.4	94	.7	95	1006	34	20	5		2	8					72	2	.2
17	0	4.5	81	.2	98	1011	34	28	7*		4	0	0	0	0	0	2	0	
	6	3.7	93	.6	98	1014	34	7	2	5	2	0	0	0	0	0	2	0	.
	12	3.2	85	.0	98	1013	20	19	5		2	5	0	0	0	5	2	1	
	18	3.1	81	.6	98	1007	14	24	6*	5	2	8					2	2	.
18	0	3.2	90	.0	98	1003	9	27	7*		2	8					71	2	
	6	4.5	85	.8	98	1007	7	30	7*		3	7					22	7	.0
	12	4.2	84	.6	98	1014	5	24	6*	5	3	3	3	2	0	0	2	0	
	18	3.5	85	.9	98	1020	7	16	4		1	1					1	0	.
19	0	3.5	94	1.2	98	1023	14	16	4			8					2	1	
	6	3.2	96	.9	97	1022	16	17	5		1	4					3	1	.
	12	2.8	88	.2	97	1020	14	21	6*	3	2	8	8	0	2		2	2	
	18	1.8	90	.8	95	1017	14	24	6*		1	8					71	2	.0
20	0	1.3	94	.0	95	1014	14	23	6*		1	8					10	7	
	6	1.0	97	.6	96	1000	16	19	4		2	8					10	6	4.0
	12	1.6	93	.5	98	999	20	20	5	4	1	6	4	5	9	0	1	2	
	18	.2	97	.1	95	995	16	24	6*		3	8					71	7	1.8

1970 FEBRUAR

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	1.1	98	.5	96	991	32	25	6*		4	8					61	7	3.6
	6	1.0	63	.5	95	1003	32	20	5		3	8					10	6	
	12	.2	97	.2	92	1006	34	10	2	5	1						47	2	
	18	.6	98	.6	95	1006	14	5	2			8					10	4		.0
22	0	.4	94	.2	95	1004	14	16	4		1	8					10	2	.2
	6	.1	98	.5	95	999	14	21	5		1	8					71	2	
	12	1.1	88	.3	96	1001	23	13	3		1	8	8	6			10	6	
	18	1.6	97	.4	97	1001	23	15	4		1	7					2	2		3.5
23	0	1.9	95	.1	95	996	11	12	3			8					61	6	8.9
	6	.7	96	.0	95	1000	11	5	1			8					61	6	
	12	1.2	96	.1	95	1005	0	0	0			8	8	6			51	7	
	18	1.6	95	.2	97	1008	18	7	2			8	8	5			2	4		4.9
24	0	.6	97	.1	96	1006	18	17	4			8					61	2	2.1
	6	.6	97	.2	96	1006	23	9	3			8					10	2	
	12	1.6	97	.1	95	1008	27	4	2			8	8	6			10	4	
	18	1.3	97	.0	97	1010	27	12	4		1	7					3	2	
25	0	1.3	95	.0	95	1010	25	7	3			8					10	2	.1
	6	.8	96	.1	96	1010	23	3	2			8					20	2	
	12	.9	95	.0	92	1013	20	3	2								45	4	
	18	.4	93	.1	92	1015	11	3	1								45	4	
26	0	.2	97	.0	93	1016	9	6	2								45	4	.0
	6	.0	95	.1	91	1019	5	3	1								47	4	
	12	.5	96	.3	92	1022	7	5	2		1						45	7	
	18	.4	96	.0	95	1023	5	5	2			8					10	4		.0
27	0	.9	85	.3	98	1024	5	9	3			8					2	4	.
	6	1.4	88	.0	97	1024	5	21	5			8					2	2	
	12	1.6	90	.5	97	1025	5	22	6*	4	1	7	7	5			2	2	
	18	3.1	83	.2	97	1025	5	25	6*			7					2	2	
28	0	3.0	81	.3	97	1027	2	18	5			8					2	2	.
	6	3.0	83	.8	98	1026	2	20	6*	4	2	7					2	2	
	12	2.3	86	.1	97	1028	5	16	5	4	2	5	5	0	1	0	2	2	
	18	.1	87	.3	98	1027	36	15	4			2					2	0	

1970 MAERZ

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	.5	91	.3	98	1026	27	7	2				4				2	0	
	6	1.0	93	.2	98	1020	25	17	5				8				2	1	.
	12	1.4	92	.1	96	1014	25	25	6*	4	3	8	8	6			61	7	
	18	1.6	92	.1	95	1007	25	20	5				8				61	6	3.5
2	0	1.5	95	.0	98	1000	25	22	6*				8				21	6	
	6	1.0	91	.1	98	996	29	12	4				8				71	6	1.5
	12	.6	90	.1	98	997	32	10	3	3	2	1	0	0	0	2	2	0	
	18	.6	90	.2	98	994	25	10	3				7				22	2	.5
3	0	1.0	93	.0	98	994	29	14	4				4				22	1	
	6	.6	91	.1	98	993	27	12	4				0	0	0	0	2	0	.5
	12	1.3	93	.2	98	994	27	7	3	4	1	4	0	0	0	2	1	2	
	18	.3	95	.1	98	995	25	13	3				1				2	0	.
4	0	.2	97	.0	97	998	23	9	2				8				70	7	
	6	1.1	96	.0	93	998	20	13	4								47	4	.0
	12	1.0	91	.3	96	1000	18	11	4	4	1	6	6	0	8	0	10	2	
	18	.4	88	.2	98	1001	9	8	2				6				2	2	.
5	0	.0	89	.2	96	1001	7	11	3				0				10	0	
	6	1.0	87	.0	96	1001	5	21	6*				7				10	2	.
	12	.4	74	.1	96	1000	36	26	6*	4	2	8	8	0	1	0	10	2	
	18	.5	93	.0	95	1000	32	22	6*	4	4	8					71	5	.0
6	0	.2	93	.1	96	999	34	32	7*				8				71	7	
	6	.5	93	.0	98	999	32	25	6*				8				2	7	.5
	12	1.5	78	.0	98	1002	29	25	6*	4	5	4	0	0	0	2	1	2	
	18	1.4	85	.2	98	1005	27	21	5	4	3	6					22	1	.
7	0	.5	91	.2	98	1005	23	22	6*				0	0	0	0	2	0	
	6	.3	87	.1	98	1006	23	20	5	4	3	0	0	0	0	0	2	0	.1
	12	.0	89		96	1008	23	24	6*	5	3	8	8	6			10	2	
	18	.8	93	.2	98	1010	23	11	4	4	1	4	2	4	0	9	2	2	1.6
8	0	.2	91	.2	98	1011	20	14	4				2				2	0	
	6	1.0	90	.0	97	1010	23	6	2				2				1	0	.
	12	1.7	94	.4	91	1010	9	5	1								45	4	
	18	1.0	94	.2	92	1009	7	15	4			1					45	4	.
9	0	.3	93	.2	96	1008	7	11	3				8				71	7	
	6	.2	94	.0	95	1008	16	7	3			1	8				71	7	.2
	12	.5	93	.2	95	1011	24	12	4				8	8	6		22	7	
	18	.8	93	.4	96	1014	20	10	2				8	8	5		10	2	1.5
10	0	.0	95	.2	97	1016	23	7	3				2				2	0	
	6	1.3	94	.2	92	1017	23	10	3			1					47	1	.
	12	1.6	74	.5	96	1019	14	9	3				1	0	0	0	2	10	0
	18	.1	99	.4	95	1019	16	6	2				8	8	6		10	1	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	.2	93	.4	96	1020	18	9	2		1	0	0	0	0	0	10	0	
	6	2.6	98	.1	91	1020	18	15	4		1						45	4	.
	12																		
	18	1.4	95	.4	95	1018	14	13	4			0	0	0	0	0	11	0	.
12	0	.8	93	.4	95	1018	16	9	3			0	0	0	0	0	11	0	
	6	1.1	94	.2	95	1016	12	18	5			0	0	0	0	0	11	0	.
	12	.4	96	.3	92	1017	9	24	6*		5						45	4	.
	18	.3	97	.5	93	1017	9	18	5		10						43	4	.
13	0	.3	97	.5	96	1017	9	18	5		5	8					11	2	
	6	.3	98	.4	96	1019	5	18	5		10	8					11	2	.
	12																		
	18	.7	91	.5	95	1022	7	19	5	3	2	8	8	0	2		10	2	.
14	0	.5	91	.3	97	1025	7	15	4			7					2	2	
	6	1.8	84	.5	98	1025	7	15	5	4	2	7	7	5			2	1	.
	12	1.2	83	.5	97	1026	7	15	4		1	7	7	5	0	0	2	2	.
	18	1.6	84	.5	97	1025	7	9	3		1	7	7	5	0	0	2	2	.
15	0	1.0	76	.4	97	1025	5	6	2			8					2	2	
	6	.2	87	.4	98	1022	23	11	3		1	8	8	0	2		2	2	.
	12	1.5	98	.5	92	1021	20	15	4	3	2						45	6	.
	18	2.4	92	.8	93	1020	32	9	3		2						45	5	.1
16	0	1.6	93	.7	97	1022	36	18	4			8					51	4	
	6	1.9	93	.5	98	1021	32	11	3		1	8	8	5			51	5	.0
	12	1.9	97	.7	94	1023	32	12	3	4	2						10	2	.
	18	2.8	91	1.0	98	1021	29	15	4	4	2	7	7	8	0	0	2	4	.
17	0	2.2	97	1.0	96	1018	27	25	6*		2	8					2	2	
	6	2.8	95	1.0	95	1012	25	23	6*	3	2	4	4	0	3	0	10	2	.
	12	3.4	97	1.0	95	1004	25	29	7*	4	3	8	8	6			61	6	.
	18	3.6	91	1.0	95	1001	25	21	7*	5	4	8	8	8			10	2	1.0
18	0	4.0	92	1.1	96	996	25	25	6*			8					10	2	
	6	3.4	94	1.0	96	991	27	21	6*	6	4	5	5	5	0	0	21	6	.0
	12	3.7	88	1.2	98	991	23	21	5	5	3	8	8	8			2	2	.
	18	2.6	92	1.1	97	991	27	22	5	5	3	7	7	8	0	0	25	8	.0
19	0	2.2	93	1.2	98	992	27	21	5		3	0	0	0	0	0	0	0	
	6	3.0	94	1.1	97	994	27	23	6*	4	3	8	8	5			61	1	.1
	12	3.6	80	1.2	97	1000	29	30	7*	5	5	3	0	0	0	2	2	0	.
	18	3.5	82	1.6	97	1006	29	30	7*	7	6	0	0	0	0	0	2	0	.
20	0	2.7	86	1.3	98	1010	29	27	7*		7	0	0	0	0	0	2	0	
	6	2.5	92	1.1	98	1014	32	13	4	5	3	1	1	0	4	0	2	0	.
	12	2.3	95	1.3	96	1010	18	19	5	4	2	8	8	5			61	1	.
	18	4.0	89	1.2	97	1006	29	24	6*	4	3	0	0	0	0	0	1	6	4.0

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	3.1	92	1.4	98	1009	27	21	6*	5	3	0	0	0	0	0	2	0	
	6	3.5	88	1.3	98	1011	27	25	6*	4	3	0	0	0	0	0	2	0	.
	12	4.3	85	1.5	97	1014	27	17	4	4	2	2	0	0	0	2	2	0	
	18	4.6	91	2.4	96	1013	23	4	2	4	1	8	8	6			3	1	.
22	0	4.4	96	1.8	92	1009	18	8	3		1						61	6	
	6	5.0	93	1.5	95	1005	23	23	6*	4	2	8	8	5			60	6	2.8
	12	3.1	94	1.4	97	1008	27	24	6*	4	4	8	5	7	2		2	2	
	18	3.5	94	1.5	98	1013	25	18	5	5	3	0	0	0	0	0	1	2	.
23	0	3.4	92	1.5	97	1015	27	11	3		2	8					2	1	
	6	2.8	94	2.0	93	1017	4	1	1								45	4	.
	12	3.7	95	1.8	97	1018	99	4	1			8	8	0	2		2	2	
	18	3.2	94	2.1	97	1018	7	12	3		1	4	0	0	0	1	2	0	.
24	0	2.6	90	1.5	98	1019	7	20	4		1	7					2	2	
	6	1.7	97	2.1	96	1018	9	23	5		2	8	8	5			61	6	2.3
	12	2.0	95	2.0	95	1018	7	30	7*	4	2	8	8	6			69	7	
	18	1.6	93	2.1	96	1018	5	24	6*	4	3	8	8	6			21	6	9.5
25	0	1.8	85	1.9	98	1019	7	17	5		3	8					2	2	
	6	.5	76	2.0	97	1019	5	18	5	4	2	8	8	5			2	2	.
	12	1.7	83	2.1	97	1019	2	13	3		1	7	7	5			2	2	
	18	1.7	85	2.2	97	1019	34	12	3	3	1	6	6	5	0	0	3	2	.
26	0	.2	91	2.0	97	1019	32	8	3			4					2	1	
	6	1.0	93	1.9	97	1016	25	13	2	3	1	3	3	0	0	2	1	4	.
	12	2.7	75	1.8	98	1012	25	21	5	4	2	8	8	5			2	2	
	18	1.9	89	2.0	97	1005	23	21	5	4	3	7	7	5			61	2	.0
27	0	1.3	83	1.9	98	1005	29	11	3			8					22	7	
	6	1.0	86	1.8	98	1004	29	20	5	4	2	4	4	0	9	0	2	2	.1
	12	1.4	90	2.1	93	1002	25	28	7*	4	4	8	8	8			83	8	
	18	1.8	87	2.0	97	998	27	25	7*	5	7	7	7	8			88	8	.0
28	0	1.9	60	2.0	98	998	32	19	5			7					2	2	
	6	1.1	65	1.8	98	997	32	22	6*	5	7	5	5	2	0	0	26	8	.0
	12	1.1	88	2.0	98	999	32	26	6*	4	5	8	8	5			26	8	
	18	1.6	82	1.9	97	999	32	19	5	4	4	5	5	0	4	0	2	8	.5
29	0	.5	69	2.0	98	1001	36	14	4			1					2	1	
	6	1.5	62	2.0	98	1004	34	19	5	4	4	0	0	0	0	0	2	0	.
	12	2.4	67	2.3	98	1005	27	13	3	5	3	0	0	0	0	0	2	1	
	18	3.0	86	2.5	98	1005	29	19	4	3	3	8	8	5			3	1	.
30	0	3.3	88	2.3	97	1003	25	22	6*		2	8					21	6	
	6	4.0	92	2.2	96	997	23	21	5	4	2	8	8	6			10	6	1.5
	12	5.1	88	2.4	97	996	25	17	4	4	2	4	4	1			21	6	
	18	4.7	85	2.4	97	996	25	13	3	3	2	7	7	0	4	0	2	6	1.2
31	0	4.1	93	2.9	98	996	23	15	3			8					3	1	
	6	4.6	93	2.6	96	992	18	11	3	4	1	8	8	5			21	2	.3
	12	4.0	92	3.0	97	990	18	15	4	2	1	8	8	5			60	6	
	18	3.3	92	2.8	97	990	25	12	3		1	7	7	4			3	2	.1

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _H	C _L	C _M	C _H	ww	W	R
1	0	3.6	91	2.7	98	990	23	11	3			8					2	2	
	6	2.6	89	2.4	98	990	25	19	5	4	1	8	8	5			2	6	.3
	12	2.0	84	2.5	97	995	32	25	6*	5	5	8	8	6			25	8	
	18	1.9	82	2.5	96	1000	32	21	6*	4	6	8	8	6			21	6	.0
2	0	2.7	86		98	1003	32	16	4		6	8					22	7	
	6	2.3	70	2.6	98	1005	32	21	5	4	4	0	0	0	0	0	2	1	.0
	12	1.4	86	2.8	98	1007	32	18	5	4	4	0	0	0	0	0	1	8	
	18	1.6	90	3.0	98	1006	29	5	3	5	3	8	8	6			23	7	.0
3	0	1.7	88	2.6	98	1007	32	8	2			0	0	0	0	0	2	7	
	6	1.5	82	2.4	98	1008	36	18	5	4	1	4	4	5	0	0	1	7	.3
	12	3.2	75	2.6	98	1011	34	9	3	3	2	4	4	1	0	0	3	1	
	18	3.2	77	3.3	98	1012	32	10	3		1	0	0	0	0	0	2	0	.
4	0	2.5	86	3.1	98	1012	2	6	2			0	0	0	0	0	2	0	
	6	4.0	86	2.9	98	1011	36	2	1			1	1	0	4	0	2	0	.
	12	2.0	77	4.2	98	1011	34	10	3		1	2	2	0	0	2	1	0	
	18	2.2	73	3.6	98	1010	34	19	5	4	2	1	1	1	0	0	2	0	.
5	0	1.0	80	2.9	98	1007	34	20	5		2	8					3	2	
	6	1.0	90	3.0	96	1004	34	23	6*	4	3	8	8	6			73	7	.2
	12	1.2	83	2.9	97	1002	32	23	6*	4	4	8	8	6			70	7	
	18	.6	95	3.2	96	1001	32	18	5	4	4	8	8	6			10	7	.4
6	0	1.0	90	3.0	96	1001	32	5	2		3	8					70	7	
	6	2.3	85	3.0	98	1001	18	6	2	5	2	8	4	7	1		2	7	.2
	12	2.0	92	3.0	97	1001	16	5	2		1	7	4	5	9	1	2	7	
	18	2.0	90	3.1	98	1001	7	13	3		1	8	8	6			60	2	.0
7	0	2.2	90	2.9	98	1000	7	13	3			8					2	6	
	6	3.0	83	3.1	97	999	2	17	4	3	1	8	8	5			2	2	.0
	12	4.1	78	2.9	98	1000	36	18	4	3	1	6	0	0	0	2	1	2	
	18	2.8	72	3.4	98	1002	32	13	3	3	1	3	2	1	0	6	2	1	.
8	0	3.4	88	3.1	98	1002	29	9	3		1	0	0	0	0	0	1	0	
	6	2.1	82	3.0	98	1001	27	3	1			7	7	5	0	0	2	7	.0
	12	4.3	82	3.2	97	1001	23	9	3	5	1	6	6	8	0	0	3	1	
	18	7.0	40	3.4	98	1001	20	9	3			1	1	1	0	0	1	1	.
9	0	3.2	89	3.3	97	1001	16	9	4		1	8					2	2	
	6	2.7	94	3.1	97	1002	25	5	1	3		8	8	5			2	2	.
	12	4.2	91	3.3	95	1003	36	3	1			8	8	6			10	2	
	18	5.5	90	3.3	96	1004	11	9	2	3		8	8	0	2		10	2	.
10	0	3.6	92	3.0	97	1004	7	8	2			8					2	2	
	6	3.7	94	3.5	95	1005	32	12	3		1	8	8	6			10	2	.
	12	2.7	89	3.3	97	1005	36	23	6*	3	2	8	8	6			2	6	
	18	2.5	92	3.3	96	1006	32	30	7*	5	3	8	8	6			51	5	.3

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	1.5	93	3.2	98	1007	32	26	6*		4	8					68	5	
	6	2.1	93	3.2	97	1007	32	22	6*	9	3	8	8	6			61	7	2.9
	12	4.0	86	3.5	97	1009	29	19	5	4	2	8	4	7	2	0	2	6	
	18	4.0	86	3.5	97	1012	29	15	4	4	2	8	4	5	0	2	2	2	.6
12	0	3.8	91	3.4	98	1013	29	12	3		1	8					2	2	
	6	3.3	97	3.1	95	1014	27	2	1			2	0	0	0	5	10	2	.
	12	7.1	79	4.2	97	1015	7	7	2			0	0	0	0	0	2	0	
	18	5.6	76	4.2	97	1011	9	16	4		1	0	0	0	0	0	2	0	.
13	0	3.4	91	3.7	97	1009	9	25	6*		1	0	0	0	0	0	2	0	
	6	2.1	90	3.1	97	1006	9	26	7*	4	3	2	0	0	0	9	2	0	.
	12	5.7	82	3.7	97	1009	7	20	5	5	3	4	0	0	0	5	2	0	
	18	3.1	91	3.4	97	1012	7	21	4	3	2	6	0	0	0	2	2	2	.
14	0	2.0	88	3.5	98	1019	7	11	3		1	0	0	0	0	0	1	2	
	6	.7	96	3.3	92	1022	7	3	1			8	8	6			46	0	.
	12	2.8	89	4.7	95	1027	34	11	3		1	8	8	6			10	4	
	18	5.4	92	3.7	97	1028	32	9	3			0	0	0	0	0	1	0	.
15	0	3.1	94	3.6	97	1030	25	7	2		1	3					1	1	
	6	2.1	97	3.6	95	1030	18	12	3		1	7	7	5	0	0	10	1	.
	12	5.1	84	4.4	95	1029	20	14	3		1	8	8	6			10	2	
	18	5.6	96	4.4	95	1026	20	15	3		1	8	8	6			61	2	1.3
16	0	6.4	94	3.9	94	1023	18	14	3		1	8					61	6	
	6	5.7	99	3.8	93	1021	25	19	4	3	2						61	6	7.7
	12	6.3	96	4.2	94	1021	25	19	5	3	1	8	8	6			61	6	
	18	6.3	99	4.4	93	1020	25	20	4	3	2						60	6	7.0
17	0	5.7	96	4.7	93	1019	25	15	3		1						61	6	
	6	6.5	93	4.5	96	1017	27	15	4		1	8	8	6			10	6	4.0
	12	6.1	93	4.2	95	1017	25	15	4	3	1	8	8	0	2		10	2	
	18	5.9	94	4.6	95	1018	27	17	4	5	1	8	8	6			10	2	.
18	0	5.6	99	4.9	91	1017	23	9	2		1						47	2	
	6	7.1	96	4.1	90	1014	20	11	2								58	4	1.5
	12	7.6	97	4.3	95	1011	25	17	4	6	2	8	8	6			63	6	
	18	7.1	85	4.1	98	1013	25	18	5	3	2	2	0	0	0	2	1	2	4.5
19	0	6.1	96	4.6	97	1012	23	17	4		1	0	0	0	0	0	2	0	
	6	6.3	96	4.3	93	1012	23	14	4		1						47	0	.
	12	6.8	91	5.0	96	1011	32	11	3	5	1	1	0	0	0	5	10	4	
	18	6.2	93	4.7	96	1011	27	13	3		1	8	0	0	0	5	10	2	.
20	0	5.4	89	5.4	98	1011	32	7	3		1	8					2	2	
	6	4.9	83	4.7	98	1013	29	19	4	3	1	7	7	5	0	0	2	1	.
	12	7.4	78	5.8	98	1015	29	17	4	3	1	0	0	0	0	0	2	1	
	18	6.0	88	5.1	98	1016	25	11	3		1	0	0	0	0	0	2	0	.

1970 APRIL

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	5.8	89	5.7	98	1016	25	15	4		1	0	0	0	0	0	2	0	
	6	4.6	91	5.0	97	1013	23	24	6*	4	2	8	8	5			21	2	.0
	12	6.2	93	5.0	96	1009	20	23	6*	5	4	8	8	6			21	6	
	18	6.2	96	5.0	96	1008	25	23	6*	4	4	8	8	6			61	6	4.5
22	0	5.0	93	5.0	97	1012	27	13	4			8					2	5	
	6	5.5	93	5.0	96	1012	27	9	3	3	1	8	8	6			61	2	5.0
	12	7.2	96	4.5	96	1013	25	22	6*	4	2	8	8	6			61	6	
	18	7.8	92	5.0	96	1013	27	22	5	4	4	8	8	6			61	6	7.4
23	0	6.5	86	4.5	98	1010	20	21	5			8					2	6	
	6	7.5	96	5.1	96	1006	25	26	6*	4	4	8	8	6			21	6	2.5
	12	8.8	86	5.0	97	1005	23	22	5	4	4	8	8	5			2	5	
	18	8.0	90	5.2	97	1005	23	21	5	4	4	8	8	6			21	6	.6
24	0	7.0	91	5.1	97	1007	25	20	4			8					60	6	
	6	6.5	85	5.0	98	1011	25	19	5	4	3	0	0	0	0	0	1	6	3.5
	12	7.1	85	5.3	98	1014	25	15	4	3	2	1	0	0	0	4	2	0	
	18	7.4	77	6.0	98	1013	27	13	3	5	2	4	0	0	0	5	2	0	.
25	0	6.2	82	5.1	98	1010	29	11	4		2	0	0	0	0	0	0	0	
	6	7.0	96	5.1	96	1003	23	15	4	3	2	8	8	6			61	6	1.9
	12	7.5	96	5.0	96	1000	25	20	5	3	2	8	8	6			63	6	
	18	7.7	90	5.6	96	998	25	14	3	3	1	7	7	5			61	6	3.4
26	0	7.5	87	5.5	98	996	25	15	4		2	8					61	6	
	6	6.9	83	5.4	98	995	23	21	5	4	3	4	0	0	3		1	1	1.4
	12	6.6	86	5.5	98	998	27	13	3	4	3	8	8	5			2	8	
	18	5.5	87	5.5	97	1000	36	13	4	3	2	7	7	5			2	2	1.4
27	0	6.6	85	6.0	98	1003	32	17	4			8					2	2	
	6	5.5	87	6.0	97	1005	32	10	3		1	7	7	0	3	0	2	2	.
	12	6.5	76	6.4	98	1008	32	17	4	4	1	7	7	5			2	2	
	18	6.2	82	6.5	98	1012	29	19	5	4	2	4	0	0	0	2	2	2	.
28	0	6.2	81	6.2	98	1015	32	17	4	4	2	1					1	0	
	6	5.4	79	6.5	98	1016	32	20	5	4	4	5	5	0	7	0	2	2	.
	12	6.2	77	6.8	98	1018	27	19	5	4	4	5	5	0	3	0	25	1	
	18	6.8	63	6.3	98	1014	25	25	6*	5	5	6	6	0	3	0	2	2	.0
29	0	6.3	82	6.1	97	1006	25	33	7*		6	8					61	6	
	6	5.1	81	6.1	97	1000	27	20	5	4	6	6	6	7			89	6	12.5
	12	5.5	79	6.2	98	999	20	7	3	4	3	4	2	5	6	2	2	7	
	18	5.3	73	6.2	98	1006	36	23	5	3	5	5	5	0	9	0	2	1	.5
30	0	5.2	86	7.0	98	1009	32	30	7*			8					61	2	
	6	5.5	80	7.0	98	1010	32	29	7*	5	7	5	5	2	0	0	2	2	.4
	12	6.0	79	7.1	97	1012	32	27	6*	5	6	6	3	1	0	9	2	2	
	18	5.9	79	7.3	97	1015	36	24	6*	5	6	5	4	1	0	2	2	8	1.2

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	6.0	82	7.0	98	1019	36	22	6*		5	0	0	0	0	0	2	0	
	6	6.0	78	7.0	97	1022	36	15	4	4	2	4	4	1	0	0	2	1	.
	12	6.0	81	7.8	97	1025	33	14	4	3	2	6	6	1	0	0	2	2	
	18	6.6	81	8.7	98	1025	32	13	3	3	2	0	0	0	0	0	2	2	.
2	0	6.3	82	7.4	98	1025	32	7	2		1	1					2	0	
	6	5.7	79	6.7	98	1023	16	4	1	1	3	3	1	0	0	0	3	0	.
	12	8.4	75	7.6	98	1022	16	8	2		2	0	0	0	5		2	1	
	18	8.7	79	7.2	96	1021	11	4	1		8	8	6				61	2	.
3	0	8.0	94	7.9	96	1020	14	9	3			8					61	6	
	6	7.9	97	7.6	91	1020	25	7	2								45	6	3.4
	12	9.2	91	8.7	95	1021	5	5	1		8	8	5				10	4	
	18	11.5	89	7.7	95	1021	9	8	2		8	8	5				10	2	.7
4	0	8.6	95	8.0	95	1021	5	6	2			8					10	2	
	6	10.6	88	7.7	95	1021	0	0	0		8	8	5				10	2	.
	12	10.2	83	8.3	97	1020	7	2	1		0	0	0	0	0		1	1	
	18	10.0	79	8.6	97	1018	5	12	3	1	0	0	0	0	0		2	0	.
5	0	9.0	80	7.3	98	1019	11	16	3			0	0	0	0	0	2	0	
	6	9.4	83	8.4	97	1020	11	11	3		1	0	0	0	0	0	2	0	.
	12	10.9	82	7.8	96	1019	9	14	4	3	1	0	0	0	0	0	10	0	
	18	12.8	70	8.6	96	1017	9	24	6*	3	1	4	0	0	0	9	10	0	.
6	0	9.4	67	6.9	98	1017	9	30	7*		2	0	0	0	0	0	1	1	
	6	8.7	72	8.0	97	1016	9	28	6*	3	2	4	4	1	0	0	2	0	.
	12	9.9	89	7.1	98	1014	7	13	4		1	3	0	0	0	1	3	0	
	18	12.6	83	8.3	97	1012	7	24	6*	3	2	3	0	0	0	1	2	0	.
7	0	9.0	89	6.7	98	1012	7	26	7*		2	0	0	0	0	0	2	0	
	6	9.5	90	8.1	98	1011	7	25	6*	3	2	6	3	1	0	6	3	2	.
	12	11.8	81	7.0	97	1010	7	23	6*	4	2	3	3	0	7	0	1	8	
	18	10.9	86	8.2	97	1010	7	20	5	5	2	6	0	0	0	2	1	1	.
8	0	8.8	86	7.1	97	1011	9	25	6*		3	1					2	0	
	6	7.7	92	7.0	97	1011	9	24	6*	3	2	6	0	0	0	2	3	0	.
	12	10.6	86	7.0	97	1009	7	25	6*	3	2	0	0	0	0	0	2	0	
	18	12.0	81	8.1	97	1007	7	26	7*	3	2	4	0	0	0	1	3	0	.
9	0	8.8	90	7.6	98	1009	7	28	7*	4	3	0	0	0	0	0	1	0	
	6	9.5	90	7.7	97	1010	7	23	5	4	2	4	4	0	3	0	3	0	.
	12	13.1	80	8.4	97	1011	7	17	4	3	1	5	0	0	0	2	3	2	
	18	11.8	85	8.2	97	1012	5	23	5	4	2	8	8	0	1		2	2	.
10	0	9.3	91	8.0	98	1013	7	20	5		2	0	0	0	0	0	1	0	
	6	9.1	88	7.0	97	1012	7	20	5	3	2	0	0	0	0	0	2	0	.
	12	11.6	87	8.0	97	1010	5	21	5	3	2	0	0	0	0	0	1	0	
	18	12.9	87	8.3	97	1008	7	22	5	3	1	4	0	0	0	2	3	2	.

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	9.9	89	8.1	98	1008	7	20	5		2	3					2	0	
	6	9.3	89	7.1	98	1007	7	20	5	4	2	0	0	0	0	0	2	0	.
	12	12.6	85	9.1	97	1005	5	23	5	3	2	0	0	0	0	0	2	0	
	18	13.0	73	8.3	98	1004	5	21	5	4	2	0	0	0	0	0	2	0	.
12	0	11.8	74	8.1	98	1004	5	23	6*		2	0	0	0	0	0	1	1	
	6	10.5	80	8.0	97	1003	5	21	5	3	2	2	0	0	0	2	2	0	.
	12	13.0	74	9.1	98	1002	2	36	8**	4	3	7	7	5			3	2	
	18	12.0	88	8.7	97	1003	5	15	4	3	2	4	2	5	9	0	1	1	.
13	0	10.4	90	9.2	98	1006	5	17	4		2	2					1	5	
	6	9.6	93	8.6	96	1007	5	14	4		1	0	0	0	0	0	10	0	.0
	12	12.1	87	10.2	97	1008	36	12	4	3	1	6	6	8	0	0	1	2	
	18	10.5	92	10.3	97	1009	32	14	4		1	7	7	0	8	0	2	2	.
14	0	9.6	98	9.0	93	1010	29	12	3		1						47	1	
	6	9.6	98	9.3	95	1010	32	16	4	3	1	8	8	6			51	4	.3
	12	10.7	89	10.4	97	1012	29	12	3	5	2	6	0	0	0	2	2	5	
	18	9.6	98	9.6	95	1011	32	14	4	3	1	8	8	6			10	2	.
15	0	9.8	95	9.5	97	1011	29	13	3		1	1					1	2	
	6	10.2	94	9.3	92	1010	5	12	3		1						47	0	.
	12	11.5	85	11.7	92	1011	2	6	2								45	4	
	18	11.9	84	10.0	97	1009	2	18	4		1	3	0	0	0	2	3	4	.
16	0	11.5	93	10.3	98	1011	11	16	4		1	0	0	0	0	0	1	0	
	6	8.9	89	9.0	98	1012	7	13	3		1	0	0	0	0	0	2	0	.
	12	10.5	84	10.5	97	1013	7	11	3		1	0	0	0	0	0	2	0	
	18	12.6	80	10.0	98	1013	5	13	3		1	0	0	0	0	0	2	0	.
17	0	11.0	78	9.4	98	1015	9	14	4		1	4					2	0	
	6	9.5	68	8.7	98	1018	11	15	4	3	1	2	0	0	0	1	2	0	.
	12	15.5	76	9.4	98	1022	7	14	4	3	1	2	0	0	0	1	2	0	
	18	11.1	82	9.5	98	1024	2	18	4	3	1	0	0	0	0	0	2	0	.
18	0	8.4	94	9.5	97	1028	36	18	5		1	0	0	0	0	0	2	0	
	6	8.6	80	9.7	97	1030	34	14	4	3	2	8	8	6			2	2	.
	12	9.5	87	10.1	98	1031	34	13	3		1	8	8	5			2	2	
	18	9.3	88	8.8	97	1030	32	12	3		1	8	8	5			2	2	.
19	0	9.8	95	9.4	96	1028	29	13	4		1	8					10	2	
	6	10.3	94	9.2	96	1025	25	15	4		1	8	8	0	2		10	2	.
	12	11.8	87	10.3	96	1021	23	21	5	4	2	8	8	5			10	2	
	18	10.7	95	9.2	96	1018	27	17	5	4	2	8	8	6			61	2	.1
20	0	9.3	77	9.0	98	1020	34	15	4			7					2	2	
	6	10.0	81	9.6	98	1019	27	20	5	4	2	0	0	0	0	0	2	1	.0
	12	10.6	86	9.6	98	1019	25	13	4	4	2	6	6	0	3	0	2	2	
	18	10.4	86	10.0	97	1016	25	18	4	4	2	7	7	5			3	2	.

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	10.0	89	10.2	97	1011	25	21	5		2	8					21	6	
	6	10.6	91	10.0	97	1004	23	21	5	4	3	8	8	6			60	6	.7
	12	10.6	86	9.9	97	1001	25	21	5	4	3	6	6	1	0	0	2	6	
	18	10.9	77	10.0	97	1001	27	23	6*	5	4	7	4	4	6	0	2	2	.7
22	0	7.3	88	10.1	98	999	27	26	6*		6	6					2	8	
	6	9.0	70	9.6	97	1002	29	26	6*	5	6	6	3	5	8	4	25	8	2.0
	12	9.8	76	9.8	97	1007	29	29	7*	5	8	7	5	5	6		2	2	
	18	9.0	72	10.0	97	1012	29	28	7*	5	9	7	7	5			2	2	.2
23	0	9.0	79	10.2	98	1015	32	29	7*			5					2	2	
	6	8.5	74	10.2	98	1018	32	24	6*	5	7	5	5	1	0	0	2	2	.
	12	9.4	70	10.8	98	1023	29	21	5	4	4	5	5	0	9	0	2	1	.
	18	9.4	63	11.2	98	1026	32	16	4	4	4	4	4	1	0	0	2	2	.
24	0	9.0	76	10.5	98	1028	32	9	3	4	2	0	0	0	0	0	1	0	
	6	9.5	78	10.3	98	1029	18	6	2	4	1	2	0	0	0	5	2	0	.
	12	11.2	66	10.5	98	1028	20	5	1		1	1	0	0	0	5	2	0	
	18	12.6	75	11.8	97	1027	7	7	1			4	0	0	0	5	2	1	.
25	0	12.0	83	10.2	98	1025	16	9	2			2					2	1	
	6	11.5	88	11.0	98	1023	18	15	2			3	0	0	0	9	2	0	.
	12	15.4	76	10.4	96	1021	18	9	2			7	7	5			10	2	
	18	14.3	82	12.1	96	1020	29	6	1		1	8	8	6			20	2	.5
26	0	10.5	92	10.3	98	1021	32	13	4			1					2	1	
	6	11.5	86	11.0	97	1021	29	12	3	3	1	0	0	0	0	0	2	0	.
	12	11.5	81	11.2	98	1022	27	19	5	4	2	7	4	7	2		2	2	
	18	10.9	92	11.0	96	1018	27	23	6*	4	3	8	8	6			61	6	2.6
27	0	9.5	94	10.4	98	1019	32	23	6*			7					3	2	
	6	8.7	94	10.9	97	1020	32	26	6*	4	5	8	8	5			58	2	.3
	12	9.6	83	11.0	98	1022	36	17	5	4	4	8	8	5			2	2	
	18	9.0	90	11.6	98	1022	32	10	3	4	3	8	8	6			2	2	.
28	0	8.8	90	11.1	98	1022	32	15	4		2	8					2	2	
	6	8.5	95	11.0	96	1021	32	11	3	3	2	8	8	5			10	2	.
	12	10.5	84	10.9	97	1021	32	9	3	4	1	8	8	6			2	2	
	18	10.0	87	11.9	97	1019	32	7	3	3	1	8	8	6			2	2	.
29	0	8.5	94	11.0	93	1017	11	5	1								47	2	
	6	10.2	92	10.5	93	1015	18	2	1								45	4	.
	12	11.7	91	10.9	96	1013	14	9	3			7	4	7	1		10	2	
	18	13.6	81	11.7	97	1010	5	10	2			0	0	0	0	0	2	1	.
30	0	12.2	91	10.4	97	1010	9	16	4			0	0	0	0	0	1	0	
	6	12.5	89	10.3	96	1010	11	6	2			4	0	0	0	5	10	1	.
	12	13.2	86	11.8	95	1012	34	13	3	3	1	8	8	6			10	1	
	18	13.9	68	11.6	96	1014	32	19	5	4	3	7	7	5			2	6	.0
31	0	10.8	91	11.2	97	1015	27	16	4		2	8					60	2	
	6	10.6	82	11.2	98	1015	29	13	3	3	2	8	8	5			2	2	.0
	12	11.0	83	11.2	98	1017	32	15	4	3	2	3	3	5	0	0	1	2	
	18	11.5	80	12.2	98	1020	29	17	3	4	2	0	0	0	0	0	1	0	.

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	11.0	86	11.5	98	1019	27	20	5				8				60	6	.8
	6	11.3	90	11.1	97	1017	29	20	5	4	4	8	8	5			2	6	
	12	10.0	77	11.0	98	1021	29	24	6*	4	6	7	7	5			2	2	
	18	10.2	77	11.5	98	1024	29	26	6*	4	6	7	7	5			2	2	
2	0	9.8	78	11.4	98	1024	32	23	6*				4				2	2	.
	6	10.4	75	11.0	98	1026	32	25	6*	5	6	4	4	1	0	0	2	2	
	12	10.2	79	11.9	98	1029	32	21	5	4	5	1	0	0	0	1	1	2	
	18	10.5	68	12.2	98	1030	34	15	4	4	3	0	0	0	0	0	1	0	
3	0	10.4	81	11.8	98	1031	34	11	3		2	0	0	0	0	0	2	0	.
	6	11.5	84	11.5	98	1031	27	13	3		1	7	7	8			3	0	
	12	11.4	88	12.2	96	1031	34	11	3		1	7	7	0	6	0	10	1	
	18	11.2	92	12.0	97	1030	36	15	4		1	2	0	0	0	2	2	0	
4	0	11.2	97	11.6	98	1030	2	14	4		1	0	0	0	0	0	28	0	.
	6	12.7	72	11.5	98	1030	7	15	4		1	0	0	0	0	0	2	4	
	12	14.1	78	13.2	98	1029	2	11	3		1	0	0	0	0	0	2	0	
	18	14.6	75	12.0	98	1027	7	17	5	3	1	0	0	0	0	0	2	0	
5	0	12.1	77	11.2	98	1025	9	22	5		1	0	0	0	0	0	2	0	.
	6	11.9	87	11.5	97	1025	9	17	4	3	1	0	0	0	0	0	1	1	
	12	14.7	80	12.0	97	1023	2	16	4	3	1	1	0	0	0	1	2	0	
	18	15.2	95	11.9	97	1020	5	15	4		1	0	0	0	0	0	1	1	
6	0	14.8	79	11.4	98	1020	5	19	4		1	0	0	0	0	0	2	1	.
	6	15.0	80	11.6	97	1020	7	14	3		1	0	0	0	0	0	2	0	
	12	15.3	90	12.0	96	1020	12	14	3		1	0	0	0	0	0	10	0	
	18	16.5	80	12.0	97	1017	4	18	4		1	0	0	0	0	0	2	0	
7	0	14.3	92	10.4	98	1018	9	15	4		1	0	0	0	0	0	2	0	.
	6	14.2	94	11.7	97	1018	7	18	4	3	1	0	0	0	0	0	2	0	
	12	14.6	88	13.4	96	1018	7	14	3		1	0	0	0	0	0	10	0	
	18	17.0	88	13.3	97	1016	7	18	4		1	0	0	0	0	0	2	0	
8	0	14.6	90	10.7	98	1017	9	15	4		1	0	0	0	0	0	2	0	.
	6	14.7	83	12.1	96	1017	7	13	3			0	0	0	0	0	10	1	
	12	16.4	86	10.5	96	1016	7	16	4		1	0	0	0	0	0	10	0	
	18	18.0	72	14.6	98	1015	7	13	3		1	0	0	0	0	0	2	0	
9	0	15.7	88	13.3	98	1016	9	15	4		1	0	0	0	0	0	2	0	.
	6	15.2	87	10.9	97	1015	9	15	4		1	0	0	0	0	0	2	0	
	12	17.4	86	12.9	97	1015	5	12	3	3	1	0	0	0	0	0	2	0	
	18	17.4	84	12.6	97	1013	5	19	4		1	0	0	0	0	0	2	0	
10	0	15.5	90	12.0	98	1015	11	13	3		1	0	0	0	0	0	2	0	.
	6	14.9	89	11.3	97	1015	7	11	3		1	0	0	0	0	0	2	0	
	12	17.1	87	12.4	98	1016	8	11	3		1	0	0	0	0	0	2	0	
	18	17.1	82	13.5	97	1016	2	15	4		1	0	0	0	0	0	2	0	

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	13.8	96	12.5	98	1017	29	3	1			0	0	0	0	0	2	0	
	6	14.9	96	12.5	97	1016	34	12	3			0	0	0	0	0	2	0	.
	12	15.2	92	13.0	97	1018	32	13	3		1	0	0	0	0	0	2	0	
	18	16.6	90	13.2	97	1017	32	15	4	3	1	0	0	0	0	0	2	0	.
12	0	14.2	89	12.7	97	1016	32	20	5		2	0	0	0	0	0	2	0	
	6	12.7	85	12.7	98	1014	32	28	6*	3	3	4	4	0	3	0	3	0	.
	12	12.6	76	14.5	97	1015	32	26	7*	5	5	7	7	5			2	2	
	18	12.6	77	14.1	98	1014	32	26	6*	4	4	5	5	5	0	0	2	2	.
13	0	11.4	81	14.5	98	1015	34	22	5		4	8					2	2	
	6	11.5	77	14.1	98	1015	34	17	5	3	3	7	7	5			2	2	.
	12	11.6	80	14.5	98	1016	34	18	5	5	3	8	8	8			2	2	
	18	11.9	74	15.3	98	1016	32	17	4	6	2	8	8	5			2	2	.
14	0	11.3	82	14.6	98	1016	34	17	4		2	8					2	2	
	6	10.6	87	14.5	98	1015	34	14	4	3	2	8	8	5			2	2	.
	12	12.4	88	14.3	98	1016	34	13	3	3	1	7	7	8			2	2	
	18	12.9	84	15.5	98	1015	34	9	3		1	4	4	5	0	0	3	1	.
15	0	12.2	82	14.0	98	1016	34	11	3		1	0	0	0	0	0	2	0	
	6	12.5	96	13.3	98	1016	2	10	3		1	8	5	7	2		3	0	.
	12	12.8	86	15.0	98	1017	36	10	3		1	7	7	8			2	2	
	18	13.0	89	14.6	98	1017	36	16	4		1	7	7	8	0	0	3	1	.
16	0	12.6	87	13.6	98	1017	36	16	4		1	7					2	2	
	6	12.4	88	13.2	98	1017	36	11	3		1	0	0	0	0	0	2	0	.
	12	15.0	76	15.0	98	1018	32	7	2			0	0	0	0	0	1	0	
	18	15.0	74	14.9	98	1017	34	9	3			0	0	0	0	0	2	0	.
17	0	15.0	91	13.8	98	1017	5	6	3			0	0	0	0	0	1	1	
	6	16.0	75	12.5	98	1018	9	16	4		1	0	0	0	0	0	2	0	.
	12	17.0	78	14.0	98	1019	7	13	3	3	1	0	0	0	0	0	2	0	
	18	18.2	76	14.0	98	1018	7	13	3	3	1	0	0	0	0	0	2	0	.
18	0	16.5	71	13.5	98	1020	9	13	3			0	0	0	0	0	2	0	
	6	16.0	80	13.3	98	1021	7	9	2			2	0	0	0	1	2	0	.
	12	19.5	58	13.9	98	1021	7	5	2			0	0	0	0	0	2	0	
	18	18.3	76	14.2	98	1018	2	13	3		1	0	0	0	0	0	2	0	.
19	0	15.6	82	13.1	98	1019	7	11	3		1	0	0	0	0	0	2	0	
	6	16.5	71	14.2	98	1020	9	13	3			0	0	0	0	0	2	0	.
	12	18.5	74	16.4	97	1020	5	10	2			0	0	0	0	0	2	0	
	18	17.4	76	14.5	98	1020	2	15	3			0	0	0	0	0	2	0	.
20	0	16.2	88	13.5	98	1020	5	11	3			0	0	0	0	0	2	0	
	6	17.7	86	13.0	97	1020	9	5	2			0	0	0	0	0	2	0	.
	12	19.5	88	13.5	97	1022	0	0	0			0	0	0	0	0	2	0	
	18	19.0	81	13.2	97	1022	5	5	2			0	0	0	0	0	2	0	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	16.5	89	13.4	97	1023	29	7	2			0	0	0	0	0	2	0	
	6	13.7	97	13.0	92	1025	27	9	2								45	4	.
	12	18.0	85	13.4	97	1025	27	4	1			0	0	0	0	0	2	4	
	18	18.0	86	13.8	97	1024	34	5	1			0	0	0	0	0	2	0	.
22	0	16.9	89	13.2	91	1023	36	2	1								47	0	
	6	16.8	92	13.6	95	1022	9	5	1			4	4	8	0	0	10	4	.
	12	17.8	92	14.2	96	1021	36	5	1		1	6	6	8	0	0	10	1	
	18	18.3	84	13.8	96	1018	7	10	3		1	7	7	0	1		10	2	.0
23	0	16.5	81	12.5	97	1017	18	10	3		1	8					13	2	
	6	15.6	94	13.5	96	1016	14	9	2		1	6	4	8	3		10	1	.
	12	21.5	77	13.5	95	1016	27	2	1			0	0	0	0	0	5	1	
	18	16.0	89	13.4	97	1015	24	7	1		1	7	7	0	8		2	6	.6
24	0	14.5	92	12.0	98	1017	27	15	3			2					2	1	
	6	14.0	88	13.5	97	1017	20	13	3		1	7	3	0	7	1	2	1	.
	12	16.2	76	13.2	98	1016	23	10	3	4	1	8	8	5			3	2	
	18	16.2	91	14.4	96	1014	23	15	4		1	8	8	6			60	2	.0
25	0	15.5	97	14.5	95	1014	23	17	4			8					60	6	
	6	15.2	96	13.4	96	1015	23	15	4	3	1	8	8	6			10	6	3.0
	12	15.6	84	13.1	97	1019	27	22	5	3	2	0	0	0	0	0	2	0	
	18	17.8	76	16.0	97	1021	29	18	5	4	3	0	0	0	0	0	2	1	.
26	0	14.8	78	14.3	98	1024	25	15	4	4	2	1					2	0	
	6	14.6	79	14.4	98	1024	23	13	3	4	2	0	0	0	0	0	2	0	.
	12	17.2	76	15.1	98	1024	27	7	2	5	2	6	0	0	0	5	2	1	
	18	17.5	77	15.8	97	1022	5	8	2		1	2	0	0	0	5	2	1	.
27	0	16.9	84	15.8	98	1021	9	12	3			0	0	0	0	0	2	0	
	6	18.6	72	14.0	98	1019	14	12	3		1	2	0	0	0	2	2	1	.
	12	19.2	89	15.6	96	1017	14	14	3		1	3	3	0	9	0	10	0	
	18	19.5	78	15.0	97	1013	9	19	4		1	6	3	7	1	0	2	2	.
28	0	18.8	84	15.0	98	1012	11	17	4		1	2					1	0	
	6	17.3	93	15.2	95	1012	14	5	1			7	4	7	1		10	9	11.5
	12	16.1	88	14.5	96	1015	25	12	3		1	6	5	0	3	4	21	6	
	18	16.0	85	14.9	98	1015	32	15	4		1	8	8	5			3	2	1.5
29	0	15.7	87	14.5	98	1015	27	10	2			8					2	2	
	6	15.5	90	15.0	97	1012	25	11	3		1	4	4	0	0	5	2	2	.
	12	16.3	84	15.5	97	1011	23	14	3	4	1	8	8	5			2	2	
	18	14.0	87	15.0	97	1009	25	16	4	3	1	8	8	5			60	6	4.0
30	0	14.5	81	14.5	98	1009	23	11	3			8					2	6	
	6	12.5	88	15.0	97	1007	23	17	4	4	1	8	8	5			2	2	.0
	12	13.4	81	15.5	97	1008	20	17	4	3	1	8	8	5			2	2	
	18	15.0	81	15.8	98	1006	23	8	3		1	3	3	1	0	0	1	6	.0

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	15.0	91	15.0	98	1006	23	23	5		1	8					25	1		
	6	13.3	86	14.1	97	1003	23	24	6*	5	3	8	8	0	2		61	2	.2	
	12	13.5	88	15.3	97	1000	20	24	6*	5	3	8	5	7	2		2	6		
	18	14.5	71	14.5	98	999	27	24	6*	5	3	6	4	3	0	2	1	6	1.0	
2	0	13.7	75	14.6	98	1000	25	20	5		3	5						1	8	
	6	11.4	95	14.0	97	998	25	25	6*	4	4	8	6	7	2		63	6	3.8	
	12	14.5	74	14.9	98	1000	25	29	6*	5	4	6	6	3	0	0	61	6		
	18	11.8	97	14.2	97	1001	25	23	6*	7	4	8	5	7	2		81	8	9.5	
3	0	14.7	78	14.5	98	1000	23	24	6*		4	8					63	6		
	6	13.6	78	14.4	98	1001	32	19	5	6	3	6	6	3	0	0	2	6	10.0	
	12	14.6	81	15.0	98	1004	29	21	5	5	3	4	2	2	0	2	2	0		
	18	13.6	86	14.6	98	1009	29	26	6*	4	4	5	5	8	0	0	2	2	.3	
4	0	12.5	84	14.4	98	1012	29	23	6*		5	8					61	6		
	6	12.3	89	14.5	98	1013	29	24	6*	5	4	6	4	5	6	0	21	6	2.3	
	12	13.5	76	14.4	98	1015	27	18	4	4	3	3	3	2	0	0	25	2		
	18	15.0	76	14.9	98	1016	27	15	4	7	2	7	7	0	3		3	2	.0	
5	0	15.0	85	14.6	98	1016	23	18	4		2	8					61	2		
	6	15.2	92	14.6	96	1016	23	15	4	5	2	8	8	6			61	2	.0	
	12	15.9	81	14.9	98	1018	25	13	4	3	1	6	6	0	5	0	1	2		
	18	16.0	73	15.5	98	1020	29	17	5	5	2	4	4	8	0	0	1	2	.	
6	0	14.2	74	15.0	98	1021	29	14	4		1	2					1	0		
	6	14.4	92	15.0	98	1021	23	19	4		1	2	0	0	0	2	2	0	.	
	12	16.3	89	15.0	97	1022	23	12	3		1	8	8	0	2		3	2		
	18	19.8	81	16.4	96	1020	27	5	1			7	7	0	2		10	2	.	
7	0	15.7	93	14.9	98	1019	18	8	1			6					2	2		
	6	16.6	91	15.5	95	1017	18	13	3		1	6	0	0	0	9	10	2	.	
	12	23.0	73	16.0	95	1016	20	7	2			1	0	0	0	2	10	0		
	18	21.1	78	18.0	96	1014	5	10	2			1	0	0	0	1	5	0	.	
8	0	17.5	90	14.8	95	1014	7	11	2			0	0	0	0	0	10	0		
	6	18.0	89	15.9	95	1012	11	11	3			1	0	0	0	1	10	0	.	
	12	22.6	77	16.2	96	1010	14	13	3		1	2	0	0	0	2	5	0		
	18	21.3	74	17.0	96	1006	14	11	3			5	5	0	8	0	10	1	.	
9	0	17.6	84	15.5	98	1008	27	5	1			8					2	2		
	6	18.1	89	16.1	97	1007	18	10	2			1	0	0	0	2	1	0	.	
	12	20.6	89	16.0	97	1008	20	12	3			1	0	0	0	1	2	0		
	18	18.3	87	17.1	98	1007	11	5	1			7	7	0	7	0	2	8	.7	
10	0	16.5	91	15.9	98	1010	29	20	5		2	5					2	9		
	6	15.7	74	16.0	98	1015	29	18	4	5	2	3	2	2	0	5	2	0	8.5	
	12	15.8	64	15.7	98	1019	27	18	5	7	2	0	0	0	0	0	2	0		
	18	16.9	75	17.3	98	1020	27	14	4	4	2	1	1	0	4	0	2	0	.	

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	16.2	77	16.1	98	1019	16	14	3		1	5					1	2	
	6	15.3	74	16.1	98	1017	23	18	4	3	2	6	6	0	7	0	2	2	.
	12	16.5	76	16.1	98	1018	25	17	4	4	2	2	0	0	0	5	1	6	
	18	15.3	85	16.8	98	1018	29	21	5	4	3	1	1	1	0	0	2	0	.0
12	0	14.9	67	16.0	98	1019	27	22	5		3	1					2	0	
	6	14.9	81	16.2	98	1018	25	20	5	6	3	8	6	7	2		61	1	.0
	12	16.1	81	16.4	97	1019	27	19	5	4	4	8	8	5			2	2	
	18	16.0	84	16.5	97	1019	27	21	5	6	3	8	5	7	2		2	2	.
13	0	16.3	87	16.3	98	1018	25	17	4		3	8					2	2	
	6	15.6	94	16.4	96	1016	23	17	4	6	2	8	8	6			10	2	.
	12	18.9	81	16.9	97	1015	27	16	4	5	1	0	0	0	0	0	2	0	
	18	16.1	83	16.8	97	1013	27	24	5	4	3	6	0	0	0	1	2	2	.
14	0	15.1	95	16.8	98	1011	27	21	5		3	8					61	6	
	6	16.2	81	16.8	98	1006	27	19	5		3	6	2	2	7	0	61	6	.2
	12	12.1	94	16.6	97	1002	27	11	3	4	3	8	8	6			61	6	
	18	13.3	82	16.6	98	997	27	20	5	4	3	8	8	5			2	6	8.7
15	0	14.4	75	16.4	98	996	29	20	5	4	3	5					3	2	
	6	13.2	73	16.5	98	995	32	21	5	5	4	3	1	3	0	6	2	6	4.0
	12	14.9	76	16.5	98	1000	32	19	4	4	4	5	3	9	0	1	2	2	
	18	15.7	79	16.7	98	1004	32	25	6*	5	5	2	2	0	9	0	2	1	.0
16	0	14.9	90	16.5	98	1008	32	23	6*			8					2	8	
	6	14.3	79	16.3	97	1010	32	28	7*	5	7	8	8	5			2	2	.0
	12	14.6	82	16.5	97	1011	32	30	7*	5	7	8	8	5			2	2	
	18	14.4	83	16.2	97	1016	34	27	7*	5	7	6	6	1	0	0	2	2	.
17	0	14.0	70	16.2	98	1019	32	23	6*			6					2	2	
	6	14.0	75	16.3	98	1021	32	21	5	4	5	7	7	5			2	2	.
	12	14.0	71	16.2	98	1023	32	20	5	4	3	7	7	5	0	0	2	2	
	18	14.5	71	16.5	98	1023	32	15	4	3	2	6	6	1	0	0	2	2	.
18	0	13.8	75	16.2	98	1022	32	12	3		2	8					2	2	
	6	14.2	75	16.1	98	1020	29	12	3	4	1	7	7	5			2	2	.
	12	14.8	86	16.2	97	1018	25	18	5	4	2	8	8	8			2	2	
	18	18.0	82	16.0	97	1015	27	13	3	3	1	4	4	0	3	0	2	2	.
19	0	15.8	81	16.1	98	1012	27	13	3		1	8					2	2	
	6	15.5	92	16.2	96	1008	23	11	3	3	1	6	6	0	0	9	10	2	.
	12	16.2	90	16.1	95	1004	20	19	5		1	8	8	6			61	2	
	18	15.0	88	16.1	97	1001	25	21	5	3	1	8	8	6			21	6	2.2
20	0	14.8	80	16.0	98	1000	27	13	3			6					21	6	
	6	14.4	81	15.9	98	998	34	9	3		1	7	7	5			2	2	.0
	12	14.7	79	16.1	98	996	36	13	3	3	1	7	7	5			2	1	
	18	13.1	91	16.0	97	996	36	27	6*	3	3	8	8	5			65	6	11.5

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	13.5	74	15.9	98	1000	27	24	6*		4	7					2	6	3.9
	6	14.3	83	15.7	98	1002	27	26	6*	5	7	5	5	3	0	0	21	6	
	12	13.9	79	15.8	97	1005	25	21	5	3	7	7	7	8			2	6	
	18	15.5	70	16.0	97	1007	27	24	6*	4	5	5	5	3	0	0	2	2	
22	0	14.6	92	15.6	98	1010	23	24	6*		5	8					60	2	.7
	6	12.2	90	15.6	98	1012	25	17	5	4	3	8	8	6			21	6	
	12	16.2	72	15.7	98	1014	27	22	6*	4	4	2	2	1	0	0	1	6	
	18	16.5	69	15.9	98	1016	29	17	4	4	4	4	4	1	0	0	2	0	
23	0	14.8	69	15.7	98	1017	27	14	4			1					2	1	.0
	6	14.8	80	15.6	98	1018	23	16	4	4	2	0	0	0	0	0	1	8	
	12	17.6	70	16.1	97	1018	20	13	3		1	6	6	0	3	0	2	1	
	18	16.5	80	16.2	98	1017	23	6	2		1	7	7	0	7		2	6	
24	0	16.2	81	15.8	98	1015	11	15	3		1	8					3	2	.
	6	15.7	86	15.7	96	1013	23	20	5	3	2	4	4	0	2	0	10	2	
	12	18.0	89	16.1	96	1012	23	13	3	3	2	4	0	0	0	2	10	2	
	18	17.1	89	16.7	96	1009	9	13	3		1	8	8	5			10	2	
25	0	17.3	93	16.2	98	1004	14	13	3			8					2	2	8.0
	6	15.3	90	15.7	97	1003	25	22	6*	3	2	7	7	1			21	6	
	12	16.6	89	16.0	97	1003	20	17	4	4	2	4	4	5	0	0	1	1	
	18	14.5	89	15.8	97	1003	25	24	7*	4	4	8	8	5			21	6	
26	0	13.0	91	15.8	97	1002	20	26	6*			8					21	6	.8
	6	15.2	93	15.6	98	1001	32	16	4	4	2	7	5	5	9		2	6	
	12	15.0	85	15.6	97	1008	32	22	6*	4	4	6	4	3	2	0	25	2	
	18	14.2	79	15.7	98	1010	27	19	5	5	5	7	7	5			21	6	
27	0	13.8	82	15.5	98	1010	27	12	3	4	2	8					2	2	1.3
	6	12.4	89	15.6	97	1010	29	12	3		1	8	8	6			60	6	
	12	15.0	69	16.1	98	1014	32	13	4	3	2	4	4	1	0	0	2	1	
	18	15.7	78	16.6	98	1015	9	5	2		1	8	8	6			60	2	
28	0	15.6	88	15.2	96	1013	18	20	5		1	8					63	6	4.0
	6	16.1	92	15.6	97	1011	23	19	5	3	2	8	8	5			21	6	
	12	18.0	86	16.0	97	1012	23	19	5	4	3	7	7	6			2	2	
	18	17.1	93	16.1	98	1013	25	17	4		2	8	8	6			2	6	
29	0	16.6	96	16.0	98	1013	25	14	3*		2	8					61	2	.2
	6	15.5	91	16.0	98	1012	2	8	2		1	6	0	0	0	9	2	2	
	12	16.0	85	16.5	98	1015	36	7	2			7	7	0	8	0	2	6	
	18	17.2	80	16.8	98	1017	29	12	3			4	2	1	4	0	1	2	
30	0	16.0	90	16.2	98	1019	25	10	3		1	0	0	0	0	0	2	0	.
	6	15.5	78	16.0	98	1021	27	12	3		1	7	3	4	0	1	2	2	
	12	17.8	88	17.2	97	1024	23	9	3		1	3	0	0	0	1	1	1	
	18	18.4	90	16.5	98	1023	16	6	2			1	0	0	0	1	2	0	
31	0	17.1	87	16.5	98	1023	16	11	3			0	0	0	0	0	2	0	.
	6	17.0	83	16.5	97	1023	16	9	3			0	0	0	0	0	2	0	
	12	19.3	84	17.8	96	1023	11	6	1			0	0	0	0	0	10	0	
	18	20.5	79	17.0	96	1023	5	6	1			0	0	0	0	0	10	0	

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	18.2	89	16.5	97	1024	5	5	1			0	0	0	0	0	2	0		
	6	17.8	94	16.7	96	1024	9	6	1			3	0	0	0	1	10	0	.	
	12	19.0	87	17.8	96	1024	5	7	2			0	0	0	0	0	10	0		
	18	18.9	90	17.2	96	1024	2	11	3			0	0	0	0	0	10	2	.	
2	0	18.6	87	16.8	97	1025	7	11	3			0	0	0	0	0	2	0		
	6	18.4	84	17.0	98	1024	5	13	3			0	0	0	0	0	2	0	.	
	12	19.8	84	17.3	97	1024	5	11	3			1	0	0	0	0	2	0		
	18	20.0	78	17.5	97	1022	5	17	4			1	0	0	0	0	2	0	.	
3	0	17.7	89	16.1	98	1021	7	17	4			1	0	0	0	0	2	0		
	6	17.9	84	16.6	97	1020	9	19	5			1	0	0	0	0	2	0	.	
	12	18.7	87	16.2	98	1019	7	15	4			1	2	0	0	1	3	1		
	18	20.2	78	17.6	98	1017	7	17	4			1	0	0	0	0	1	1	.	
4	0	17.3	89	16.2	98	1018	9	19	4			1	7				3	0		
	6	17.1	88	16.7	98	1017	7	10	3			1	8	8	0	2	2	2	.	
	12	17.8	88	16.7	98	1017	36	11	3			1	0	0	0	0	2	0		
	18	18.6	87	18.2	98	1016	36	17	4			1	0	0	0	0	2	0	.	
5	0	18.0	95	17.5	98	1017	34	7	2			0	0	0	0	0	1	0		
	6	18.5	86	17.7	97	1017	7	7	2			1	0	0	0	0	2	0	.	
	12	17.5	91	17.5	97	1018	2	9	2			0	0	0	0	0	1	0		
	18	19.8	82	18.6	98	1017	4	10	3			1	0	0	0	0	2	0	.	
6	0	17.9	92	17.4	98	1018	2	10	3			0	0	0	0	0	2	0		
	6	18.3	92	18.0	96	1018	5	8	2			0	0	0	0	0	10	0	.	
	12	19.4	87	18.0	97	1019	36	9	2			5	0	0	0	2	3	0		
	18	19.3	82	18.9	98	1017	2	13	3			1	6	6	0	9	0	1	1	.
7	0	18.0	89	17.4	98	1017	2	13	3			1	1				1	1		
	6	18.4	87	17.4	98	1016	36	8	2			2	0	0	0	5	2	0	.	
	12	18.1	85	18.1	98	1017	2	12	3			1	0	0	0	0	1	0		
	18	18.0	81	18.4	98	1015	2	15	4			1	5	0	0	2	3	0	.	
8	0	17.1	89	17.7	98	1015	5	14	3			1	0	0	0	0	1	0		
	6	16.0	85	18.4	98	1014	5	15	4			1	3	2	0	3	2	3	0	.
	12	17.1	84	18.1	98	1013	5	18	4			3	1	7	7	0	3	3	1	.
	18	16.8	84	18.1	98	1013	2	16	4			1	8	8	5		2	2	.	
9	0	17.6	83	18.0	98	1014	2	14	4			1	8				2	2		
	6	17.5	82	18.0	98	1015	36	11	3			1	7	7	5		1	1	.	
	12	18.0	77	17.9	98	1016	32	12	3			1	6	6	8	0	0	1	2	.
	18	18.2	82	18.5	98	1016	29	17	4			1	3	0	0	1	3	1	.	
10	0	16.7	85	18.0	98	1015	25	17	5			2	7				3	1		
	6	16.5	91	18.0	96	1012	25	23	5			2	8	8	6		61	2	.0	
	12	16.7	93	17.5	96	1010	23	23	6*			5	3	8	8	6	61	6		
	18	16.9	91	18.0	97	1008	25	21	5			5	4	8	5	7	2	2	6	4.0

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	15.4	91	17.6	98	1010	29	19	5		3	8					21	6	
	6	17.7	87	17.6	98	1011	32	21	5	4	3	4	4	2	0	0	3	6	2.2
	12	16.2	83	17.7	98	1014	29	20	5	4	3	7	7	5			2	2	
	18	14.6	76	17.5	98	1015	32	24	6*	4	4	7	7	5			2	2	.
12	0	15.5	68	17.6	98	1017	32	23	6*			7					2	2	
	6	15.4	70	17.5	98	1018	32	21	5	4	4	7	7	5			2	2	.
	12	15.6	75	17.6	98	1021	32	9	3	4	3	6	6	5	0	0	2	2	
	18	17.3	70	18.0	98	1021	32	6	2	4	1	4	0	0	0	1	2	1	.
13	0	16.2	80	17.7	98	1021	18	10	3		1	0	0	0	0	0	2	0	
	6	15.4	81	17.5	98	1020	18	10	3	3	1	3	3	0	3	0	2	0	.
	12	17.7	72	17.7	97	1020	11	12	3		1	1	0	0	0	9	1	1	
	18	19.8	74	18.1	98	1017	9	9	3		1	0	0	0	0	0	2	0	.
14	0	18.0	75	17.6	98	1016	14	14	4			0					2	0	
	6	16.2	82	17.5	97	1012	14	15	4		2	4	4	0	9	0	3	1	.
	12	18.2	93	17.6	95	1013	23	21	5	3	1	8	8	5			10	6	
	18	16.7	72	17.6	98	1018	32	16	4	4	3	4	4	1	0	0	1	1	.0
15	0	15.1	81	17.4	98	1020	29	10	3			6					2	2	
	6	16.3	71	17.2	98	1021	25	9	2	4	1	4	2	5	0	1	2	1	.
	12	15.4	80	17.7	98	1021	25	11	3	3	1	2	0	0	0	5	2	0	
	18	17.8	64	17.5	98	1019	16	7	2		1	4	4	0	3	0	2	0	.
16	0	17.7	66	17.4	98	1016	16	15	4			2					2	0	
	6	15.7	77	17.3	97	1010	14	23	6*	3	2	7	5	7	2		2	2	.
	12	18.0	82	17.2	97	1005	14	18	5	3	2	8	8	6			21	2	
	18	17.8	92	17.1	96	1003	18	16	5	3	2	8	8	6			60	6	1.9
17	0	16.5	83	17.2	98	1003	23	18	5	4	2	3					2	1	
	6	14.4	85	17.0	98	1003	23	21	6*	4	3	2	0	0	0	9	2	0	1.0
	12	16.4	70	17.2	98	1005	23	25	6*	3	5	6	3	2	3	0	2	1	
	18	15.0	81	17.0	97	1006	23	26	6*	5	6	7	4	4	5		2	6	.0
18	0	14.2	88	17.0	97	1008	23	23	6*			8					60	6	
	6	14.2	86	16.8	97	1008	23	21	6*	4	6	8	4	7	7		2	6	1.0
	12	15.4	72	16.9	98	1010	23	23	6*	4	4	7	4	7	2		21	6	
	18	17.0	70	16.8	98	1010	25	11	4	4	4	1	0	0	0	1	2	1	.5
19	0	16.0	72	16.9	98	1011	27	9	2			6					3	1	
	6	15.0	74	16.6	98	1010	14	12	3		1	7	5	7	1		2	2	.
	12	17.6	74	16.7	97	1009	9	19	5	4	1	5	5	0	7	0	1	6	
	18	18.5	74	16.8	97	1008	9	17	5	3	1	8	8	5			3	2	.0
20	0	17.0	73	17.0	98	1007	11	19	5			8					2	2	
	6	16.6	79	16.6	97	1007	11	23	6*	3	2	8	8	6			61	2	.0
	12	16.3	92	16.7	95	1009	14	13	4	3	1	8	8	6			60	6	
	18	17.8	87	16.8	97	1011	14	10	3		1	7	7	0	7		2	6	5.0

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	16.2	96	16.6	92	1012	16	11	4								45	4	
	6	16.2	94	16.5	96	1012	14	5	2			8	8	5			61	4	1.2
	12	15.8	90	16.6	96	1012	5	5	2			8	8	6			60	6	
	18	15.0	95	16.6	96	1013	32	8	2			8	8	5			61	6	14.9
22	0	14.8	94	16.5	98	1012	36	14	5		1	8					61	6	
	6	15.2	93	16.5	96	1011	11	11	3		1	8	8	5			61	6	11.0
	12	16.5	90	16.5	96	1013	11	13	3		1	5	5	0	9	0	2	6	
	18	16.8	89	16.7	97	1013	34	8	3		1	7	7	8			2	2	6.5
23	0	16.5	88	16.5	98	1014	7	9	3		1	2					1	1	
	6	15.8	92	16.5	97	1014	9	13	3		1	6	6	0	4	0	2	2	.
	12	17.9	87	16.8	97	1016	5	12	3		1	0	0	0	0	0	2	0	
	18	19.0	72	17.1	98	1016	2	11	3		1	2	0	0	0	2	2	0	.
24	0	17.8	86	16.8	98	1018	5	9	3			0	0	0	0	0	2	1	
	6	17.1	88	16.6	98	1017	2	8	3		1	2	0	0	0	9	2	1	.
	12	17.0	93	17.0	97	1019	2	13	4	3	1	3	0	0	0	5	2	1	
	18	16.8	85	17.1	98	1019	34	17	4	3	2	3	2	1	0	1	2	0	.
25	0	15.8	84	16.9	98	1021	36	9	3		3	3					2	0	
	6	15.5	79	16.5	98	1021	32	9	3	3	1	4	4	2	0	0	2	0	.
	12	16.4	67	17.2	98	1022	32	9	3		1	1	1	5	0	0	2	0	
	18	16.0	62	17.5	98	1022	34	9	3		1	0	0	0	0	0	2	0	.
26	0	15.4	86	16.4	98	1023	32	5	2			0	0	0	0	0	2	0	
	6	16.0	72	16.8	98	1023	0	0	0			0	0	0	0	0	2	0	.
	12	17.4	63	17.3	98	1024	23	9	2		1	4	4	0	9	0	2	0	
	18	14.8	86	17.7	98	1023	36	10	3			0	0	0	0	0	2	0	.
27	0	16.1	74	16.9	98	1023	36	5	1			0	0	0	0	0	2	0	
	6	17.5	84	16.8	98	1022	36	3	1			0	0	0	0	0	2	0	.
	12	18.1	77	17.1	98	1023	0	0	0			2	0	0	0	2	2	0	
	18	17.4	80	17.3	98	1021	7	7	2			5	5	0	9	0	3	0	.
28	0	16.2	76	17.0	98	1020	7	6	2			4					2	0	
	6	16.0	86	17.2	97	1019	11	8	2		1	5	5	1	0	0	3	1	.
	12	16.3	75	17.3	98	1019	7	9	3		1	0	0	0	0	0	2	0	
	18	16.6	88	17.4	98	1017	5	16	3		1	0	0	0	0	0	2	0	.
29	0	15.8	79	16.7	98	1017	7	14	4		1	0	0	0	0	0	2	0	
	6	15.2	91	17.1	98	1016	7	11	3		1	0	0	0	0	0	2	0	.
	12	17.4	82	17.2	97	1016	9	11	3		1	0	0	0	0	0	2	0	
	18	19.2	87	17.3	97	1015	5	11	3		1	0	0	0	0	0	2	0	.
30	0	17.4	90	17.0	96	1016	9	7	2		1	0	0	0	0	0	10	0	
	6	16.9	91	17.2	96	1016	9	7	2			0	0	0	0	0	10	1	.
	12	19.3	82	17.3	96	1017	7	6	2		1	3	0	0	0	1	10	0	
	18	19.0	88	17.3	96	1017	36	11	3			0	0	0	0	0	10	0	.
31	0	17.1	93	17.0	96	1017	34	7	2			0	0	0	0	0	10	0	
	6	17.4	92	17.1	96	1016	23	9	2		1	2	0	0	0	2	10	0	.
	12	18.4	93	17.2	96	1015	18	11	3		1	2	0	0	0	1	10	0	
	18	19.5	81	17.5	95	1013	25	9	2		1						10	2	.

1970 SEPTEMBER

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	17.6	91	17.1	97	1011	25	16	4		1	8						2	8	
	6	16.8	93	17.0	96	1010	23	23	5		2	7	4	5	0	4		10	2	.
	12	16.5	76	17.5	98	1012	27	22	5	6	2	3	3	1	0	0		1	6	
	18	15.0	83	17.3	98	1013	27	25	6*	4	5	7	3	1	2	1		61	2	.5
2	0	17.5	63	17.1	98	1014	27	24	5		5	1						2	0	
	6	16.1	76	17.1	98	1015	27	15	4		4	3	3	2	0	0		1	1	.0
	12	17.1	76	17.5	98	1015	23	15	4	4	2	2	0	0	0	1		2	0	
	18	17.9	69	17.3	98	1012	16	17	4	3	2	8	3	7	2			3	1	.
3	0	16.6	78	17.0	98	1009	18	13	3			8						2	2	
	6	15.6	85	17.0	97	1007	20	23	6*	6	2	8	8	5				2	6	.0
	12	17.1	89	17.0	97	1007	23	19	5	4	3	8	8	5				21	2	
	18	16.0	86	17.2	97	1010	32	25	6*	7	4	8	8	5				21	6	.4
4	0	14.9	76	17.0	98	1014	32	19	5		4	0	0	0	0	0		2	0	
	6	14.9	78	16.9	98	1014	27	22	5	4	4	8	8	3				2	0	.
	12	15.2	78	16.9	98	1015	29	22	5	4	4	4	4	2	0	0		2	6	
	18	15.4	82	16.8	98	1012	27	28	7*	4	5	8	8	5				3	2	1.8
5	0	16.4	92	16.8	98	1008	27	33	7*		6	4						2	6	
	6	15.4	81	16.7	98	1011	29	24	7*	5	6	7	5	5	0	4		3	6	8.0
	12	17.0	78	16.9	98	1011	27	30	7*	4	7	6	3	2	0	2		2	8	
	18	14.5	90	16.6	98	1011	29	30	8**	6	8	7	5	5	0	2		2	2	.
6	0	13.8	90	16.8	98	1011	29	33	8**		8	8						60	6	
	6	14.6	84	16.5	98	1013	29	28	7*	4	8	8	8	5				25	2	.8
	12	15.0	82	16.2	98	1015	29	28	7*	5	7	3	3	5	0	0		1	1	
	18	14.4	83	16.3	98	1017	32	27	6*	5	6	5	5	2	0	0		25	2	.4
7	0	14.0	75	15.9	98	1020	32	17	5			0	0	0	0	0		1	1	
	6	14.2	77	15.6	98	1020	32	15	4	6	2	6	3	2	0	4		3	1	.
	12	15.4	76	16.0	98	1020	27	7	2	4	2	0	0	0	0	0		1	2	
	18	15.0	72	16.5	98	1017	11	8	2			1	0	0	0	1		3	1	.
8	0	14.5	84	16.2	98	1012	11	23	5		2	0	0	0	0	0		2	0	
	6	13.3	84	16.0	98	1004	16	25	6*	3	2	3	1	0	4	1		3	0	.
	12	17.0	90	16.0	97	1001	18	17	4	3	2	8	8	6				61	2	
	18	17.2	91	16.0	97	998	23	15	4		1	5	2	0	4	1		1	6	15.5
9	0	15.3	92	16.1	98	999	23	22	6*	4	4	8						21	2	
	6	15.5	91	15.8	98	1001	23	25	6*	4	5	7	7	5				2	1	1.8
	12	17.3	80	16.0	97	1002	23	17	5	4	2	8	8	5				2	2	
	18	17.5	90	15.9	97	1002	20	20	6*	4	3	8	8	6				61	2	.0
10	0	15.4	92	15.8	98	1003	23	21	5			8						61	6	
	6	15.2	85	15.8	98	1002	20	21	5	4	4	2	2	0	9	0		1	6	.2
	12	16.6	80	15.8	97	1003	20	21	5	4	4	8	8	5				61	2	
	18	15.3	80	15.8	97	1003	23	25	6*	4	4	7	7	5				2	6	.0

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	14.6	89	15.7	98	1004	23	23	6*		4	5						2	2	
	6	14.4	91	15.8	97	1004	20	27	7*	5	6	7	7	0	2			2	1	.
	12	15.6	89	15.8	97	1006	23	19	5	4	5	8	8	5				2	2	
	18	14.7	85	16.0	98	1006	25	20	5	5	4	8	8	6				60	2	.1
12	0	13.8	86	15.8	98	1007	23	27	6*		4	1						1	1	
	6	13.5	84	15.7	97	1006	23	19	4	4	4	7	4	5	3			3	2	.5
	12	14.8	82	15.7	97	1006	20	20	4	4	3	4	2	2	7			1	1	
	18	16.0	81	15.7	97	1004	20	17	4	4	2	8	8	5				2	2	.
13	0	15.1	87	15.6	98	1000	18	25	6*		3	7						2	6	
	6	12.6	93	15.6	97	995	20	26	6*	4	3	8	8	5				61	2	7.1
	12	14.1	78	15.7	97	1002	27	24	6*	6	8	8	4	2	2			81	8	
	18	14.0	68	15.2	98	1005	27	27	7*	6	9	6	6	5				2	8	3.5
14	0	13.9	75	15.5	97	1003	23	24	6*			8						63	2	
	6	15.5	88	15.6	97	996	23	27	7*	4	5	8	8	7				2	6	6.5
	12	15.9	80	15.8	97	1001	25	27	7*	5	8	4	2	8	8	0		2	1	
	18	15.2	75	15.5	98	1007	25	22	6*	5	6	6	6	4	0	0		2	1	.
15	0	14.0	74	15.9	98	1009	25	8	3		3	7						2	2	
	6	13.1	93	15.6	97	1008	9	13	4	4	1	8	8	6				51	2	.4
	12	18.4	82	15.7	97	1008	18	11	3		1	5	5	0	0	2		1	6	
	18	16.9	89	15.9	97	1008	18	10	3	4	1	8	8	6				61	2	2.5
16	0	16.3	92	15.8	97	1005	18	12	3			8						2	2	
	6	16.0	91	16.0	95	1003	9	7	2		1	8	8	6				63	5	5.0
	12	14.9	86	15.7	98	1004	29	15	4	4	1	8	8	5				2	6	
	18	14.5	77	15.5	97	1012	29	33	8**	5	10	7	6	5	0	1		2	6	31.0
17	0	14.5	75	15.5	98	1018	32	29	7*		10	7						2	2	
	6	15.2	74	15.2	97	1021	25	19	5	5	5	6	6	2	0	0		2	2	.
	12	15.1	83	15.2	97	1022	25	23	6*	5	4	8	8	6				61	2	
	18	15.8	87	15.2	97	1025	27	19	5	4	2	7	4	7	1	9		2	6	1.0
18	0	15.3	79	15.4	98	1025	23	17	5			2						2	1	
	6	13.8	92	15.2	96	1025	23	15	3	4	2	8	8	5				10	2	.
	12	15.2	88	15.2	96	1026	23	15	4	5	3	6	6	5				10	1	
	18	16.2	86	15.4	97	1026	27	6	2	4	2	0	0	0	0	0		2	0	.
19	0	15.2	93	15.2	97	1025	25	5	2			1						2	0	
	6	14.8	91	14.9	97	1025	18	5	2		1	5	0	0	0	1		2	1	.
	12	13.3	92	15.5	92	1026	23	2	1									47	2	
	18	13.8	90	15.3	95	1026	36	2	1			5	5	0	7	0		10	4	.
20	0	14.0	92	15.4	92	1027	5	7	2			8						47	4	
	6	13.2	93	15.0	92	1026	11	3	1									43	4	.2
	12	14.6	92	15.4	95	1026	0	0	0			8	3	7	1			10	4	
	18	15.8	89	15.5	95	1024	14	5	2			8	8	5				10	2	.

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R			
21	0	16.3	90	15.5	95	1023	27	14	3				8					10	2			
	6	16.0	93	15.3	96	1021	27	18	4		1	8	8	5				10	2	.		
	12	14.6	76	15.4	98	1024	34	20	6*	4	3	3	3	1	0	0		1	1			
	18	14.4	78	15.3	98	1025	34	15	4	3	3	4	0	0	0	5		2	1	.		
22	0	14.0	79	15.1	98	1027	34	13	4				4						2	0		
	6	13.0	73	14.8	98	1027	34	10	3	4	2	3	2	1	0	1			2	0	.	
	12	14.5	70	15.0	98	1028	36	8	3		2	6	6	1	0	0			2	2		
	18	13.4	81	15.1	98	1026	34	12	4		1	5	2	0	4	9			2	2	.	
23	0	13.3	82	14.7	98	1026	34	9	2		1	2							2	1		
	6	13.0	74	14.6	98	1025	34	11	3		1	7	7	5	0	0			3	2	.	
	12	12.5	85	15.1	98	1027	2	12	3		1	0	0	0	0	0			1	1		
	18	13.2	66	15.4	98	1027	36	9	2		1	0	0	0	0	0			2	0	.	
24	0	12.7	68	15.1	98	1027	32	3	2				0	0	0	0			2	0		
	6	12.8	78	14.5	98	1026	32	10	3				6	6	5	0	0			1	1	.
	12	13.8	68	15.0	98	1025	32	7	2				8	2	7	2				2	2	
	18	14.5	78	15.0	98	1022	27	13	3		1	8	8	8					21	2	.0	
25	0	14.6	89	14.6	98	1020	27	20	5		2	8								2	2	
	6	15.2	89	14.8	97	1018	29	12	4		2	8	8	0	2					2	2	.
	12	15.1	89	14.8	96	1020	2	3	1		1	8	8	0	2				21	2		
	18	15.3	93	15.2	96	1020	2	6	2			7	7	6	0	0			61	2	.0	
26	0	13.3	92	14.6	97	1022	11	16	5		1	8								2	6	
	6	11.9	82	15.2	98	1022	11	17	5		2	8	8	6						2	6	.0
	12	12.4	72	15.2	97	1024	14	19	4	3	1	6	0	0	9	0				2	2	
	18	13.2	71	15.2	98	1025	11	19	4		1	0	0	0	0	0				2	0	.
27	0	13.0	88	15.1	98	1025	14	24	5		2	0	0	0	0	0				2	0	
	6	9.2	35	15.0	98	1025	14	19	5	3	2	3	0	0	0	5				3	1	.
	12	12.1	79	15.1	97	1028	14	13	4	3	1	7	7	0	7					2	2	
	18	14.4	72	15.0	97	1028	14	17	4		1	3	0	0	0	1				1	1	.
28	0	13.2	72	15.0	98	1031	14	18	5		2	0	0	0	0	0				2	0	
	6	11.1	80	14.6	98	1032	14	24	6*	3	2	6	6	0	3	0				3	0	.
	12	14.0	67	15.1	98	1033	14	19	4		2	0	0	0	0	0				1	0	
	18	15.1	82	14.9	98	1032	14	16	4	3	1	4	2	0	4	1				2	1	.
29	0	12.7	72	15.0	98	1031	16	24	6*		2	0	0	0	0	0				2	0	
	6	10.2	80	15.0	98	1028	16	21	5		2	0	0	0	0	0				2	0	.
	12	13.8	77	15.1	97	1026	16	19	5	3	2	3	0	0	0	1				3	1	
	18	15.6	82	15.2	97	1022	16	13	3		1	0	0	0	0	0				2	0	.
30	0	15.0	82	15.1	97	1017	18	15	3		1	8								3	0	
	6	15.0	90	15.0	98	1015	27	10	3		1	7	4	5	0	1				2	6	.0
	12	14.1	91	15.0	97	1010	25	13	3		1	8	4	7	2					61	2	
	18	12.4	96	15.0	98	1005	23	23	6*	7	3	8	8	6						61	6	1.8

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	14.6	74	14.9	98	1003	29	19	5		3	0	0	0	0	0	2	0	2.5
	6	12.1	79	14.7	98	1002	32	23	5	4	3	6	6	5	0	0	25	8	
	12	14.0	65	14.7	98	1005	32	21	5	4	3	4	4	2	0	0	3	8	
	18	11.6	79	14.6	98	1008	29	26	6*	4	3	8	8	5			61	6	
2	0	12.3	90	14.7	98	1004	20	25	6*		3	8					61	6	7.0
	6	15.7	81	14.7	97	992	29	35	8**	8	7	8	8	5			2	6	
	12	12.7	69	14.8	97	992	29	33	8**	5	8	5	5	3	0	0	1	6	
	18	12.0	71	14.4	98	992	32	27	7*	9	9	8	8	9			25	8		4.0
3	0	12.1	80	14.5	98	990	29	35	8**		8	8					25	8	5.5
	6	11.9	81	14.9	98	988	29	36	9**		10	7	7	5			63	6	
	12	12.6	74	14.6	98	996	34	22	5	7	4	3	1	1	0	5	2	8	
	18	12.8	89	14.7	98	1002	34	33	7*		6	8					61	6		3.7
4	0	12.8	83	14.0	98	1007	34	28	7*		8	8					21	6	2.7
	6	12.6	81	13.2	98	1011	34	24	6*		6	8	8	5			2	6	
	12	12.4	69	13.5	98	1013	32	18	4	6	4	7	5	2	3	0	2	2	
	18	11.1	87	13.5	98	1011	23	21	5		3	8	8	6			21	2		.0
5	0	14.4	93	13.9	97	1006	25	23	5		3	8					63	6	9.4
	6	14.1	95	13.8	97	1005	25	22	5	4	3	8	8	5			2	6	
	12	14.0	90	13.5	97	1005	25	23	6*	4	5	8	8	6			2	2	
	18	14.1	92	13.8	97	1005	23	23	5	3	3	8	8	5			2	2	
6	0	14.1	93	13.4	97	1004	20	21	5		4	8					2	2	.0
	6	13.5	89	13.9	98	1002	23	24	6*	6	4	6	3	4	0	1	2	6	
	12	15.4	79	13.5	97	1002	23	13	4	4	2	8	8	5			2	2	
	18	14.5	89	13.5	97	1002	18	12	4			8					61	6		.4
7	0	13.1	87	13.7	98	1003	20	17	5		2	3					1	6	1.3
	6	12.6	90	13.6	98	1004	23	17	5	3	2	8	8	5			2	2	
	12	13.0	79	13.5	97	1006	20	13	4	4	2	8	8	5			2	2	
	18	13.6	86	13.6	97	1007	18	16	4	4	2	8	8	5			21	2		.0
8	0	12.5	90	13.5	97	1010	25	14	4			4					1	2	.
	6	12.5	86	13.1	97	1012	23	9	3	3	1	6	0	0	0	9	3	2	
	12	11.8	89	13.4	96	1015	18	13	4	3	1	7	4	7	2		10	2	
	18	12.5	88	13.3	97	1018	20	9	3			4					2	6		.5
9	0	12.2	93	13.1	97	1021	23	9	3			0					1	0	.
	6	12.7	91	13.0	97	1023	25	9	3	3	1	5	5	0	3	0	3	1	
	12	15.7	79	13.5	93	1026	20	5	2	2	1	0	0	0	0	0	46	1	
	18	12.0	92	13.4	97	1024	7	5	2		1	4					28	4	
10	0	12.2	90	13.4	97	1024	11	10	3			2					2	4	.
	6	10.9	98	13.3	91	1022	0	0	0								47	0	
	12	11.5	93	13.4	93	1025	14	2	1								45	4	
	18	12.6	92	13.4	95	1025	20	2	1			8					10	4	

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	12.2	98	13.4	93	1028	7	2	1								45	4		
	6	12.2	94	13.4	95	1030	14	10	3			8	8	5			10	4	.	
	12	12.6	93	13.5	95	1031	11	13	3		1	8	8	5			10	2		
	18	13.2	91	13.5	95	1030	9	17	4		1	8					10	2	.	
12	0	12.6	93	13.4	96	1031	14	19	5			8						10	2	
	6	12.5	90	13.8	96	1030	11	17	4		1	8	8	5				10	2	.
	12	13.2	85	13.6	96	1030	13	16	5	3	2	4	0	0	0	5		10	2	
	18	13.8	85	13.8	96	1029	11	11	4			7						10	2	.
13	0	12.5	86	13.8	97	1028	14	13	4		1	7						3	2	
	6	11.0	94	13.5	93	1027	18	8	3									47	4	.
	12	11.2	94	13.8	96	1027	11	9	2		1	8	8	6				61	4	
	18	11.8	93	13.6	96	1027	14	3	1			8						61	6	2.0
14	0	11.9	90	13.4	96	1027	9	13	3			6						10	2	
	6	11.0	94	13.6	97	1028	9	13	4		1	6	6	3	0	0		2	2	2.0
	12	12.0	86	13.6	97	1030	7	12	3	3	1	7	7	5				2	2	
	18	12.8	82	13.6	98	1031	7	15	4		1	0	0	0	0	0		1	1	.
15	0	10.4	78	13.5	98	1032	14	19	5			2						2	0	
	6	9.5	65	13.5	98	1033	14	11	3		1	4	4	0	3	0		3	0	.
	12	10.6	85	13.6	98	1034	14	9	3		1	0	0	0	0	0		2	0	
	18	10.4	72	13.5	98	1032	9	7	2			0	0	0	0	0		2	0	.
16	0	10.8	76	13.4	98	1034	18	7	2			0	0	0	0	0		2	0	
	6	10.2	82	13.3	98	1034	18	6	2			0	0	0	0	0		2	0	.
	12	10.5	74	13.3	98	1034	23	5	2			4	0	0	0	5		2	0	
	18	11.5	68	13.6	98	1033	11	5	2			5						2	1	.
17	0	11.5	81	13.5	98	1032	18	11	4			0	0	0	0	0		2	0	
	6	11.0	83	13.5	98	1030	18	13	4			0	0	0	0	0		2	0	.
	12	12.5	76	13.6	97	1029	20	13	4	3	1	0	0	0	0	0		2	0	
	18	13.4	76	13.3	98	1025	18	13	4		1	6						2	1	.
18	0	11.8	82	13.6	97	1023	20	19	5			7						3	2	
	6	11.7	87	13.4	96	1020	23	19	5		2	7	4	7	2			10	1	.
	12	13.2	91	13.5	95	1017	25	22	6*	4	3	8	8	6				10	2	
	18	13.3	77	13.7	98	1013	25	28	7*			8						2	2	.
19	0	12.4	85	13.4	97	1005	25	28	7*			8						2	2	
	6	13.3	86	13.6	97	1000	25	35	8**		5	8						61	2	2.0
	12	12.8	87	13.6	97	993	27	35	8**	6	10	7	4	7	2			2	6	
	18	11.5	76	13.5	98	995	29	30	7*			8						25	8	9.5
20	0	10.3	76	13.5	98	993	29	25	6*			4						2	8	
	6	9.3	75	12.5	98	991	29	23	6*	5	8	6						2	8	3.0
	12	10.3	78	13.4	98	991	27	15	4	5	5	7	4	7	2			2	8	
	18	10.7	72	12.5	98	992	27	21	5			8						61	8	3.5

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	12.1	67	12.8	98	994	34	21	5		4	8					21	6	
	6	11.8	75	12.6	98	999	36	21	5	5	4	4	0	0	0	6	2	6	2.6
	12	11.6	80	13.0	98	1005	34	19	5		3	0	0	0	0		1	0	
	18	12.2	67	13.0	98	1008	34	21	5	6	3	2					3	1	.
22	0	9.9	80	12.3	98	1011	34	15	4		2	7					3	1	
	6	9.4	73	12.7	98	1012	7	14	4		3	4	4	4	0	0	3	1	.1
	12	9.9	64	11.8	98	1017	2	13	4	7	3	7	7	0	5	0	3	2	
	18	9.7	71	12.5	98	1017	34	21	5		3	7					60	6	.2
23	0	9.4	66	11.2	98	1019	36	22	5		3	0	0	0	0	0	2	0	
	6	8.6	66	11.6	98	1022	5	15	4		2	0	0	0	0	0	2	0	.1
	12	7.3	68	11.2	98	1027	7	11	3	4	1	1	0	0	0	1	3	1	
	18	8.6	76	11.5	98	1028	23	4	1			1					2	0	.
24	0	7.9	71	12.0	98	1028	20	17	4		2	8					3	1	
	6	9.6	95	12.0	97	1025	23	21	5		2	8					61	2	.3
	12	10.8	93	11.5	96	1023	27	26	6*	5	3	8	8	5			60	6	
	18	12.6	93	11.7	98	1021	27	17	4		3	8					61	6	1.6
25	0	12.4	96	11.5	96	1019	27	21	5		3	8					51	6	
	6	11.7	97	11.8	97	1016	25	23	5		3	8					65	2	.7
	12	11.7	97	11.7	96	1014	25	26	6*		3	8	8	5			61	6	
	18	11.9	95	12.0	98	1009	25	33	7*	7	6	8					61	6	9.0
26	0	12.6	94	12.2	97	1008	27	33	8**		8	8					2	2	
	6	12.1	74	11.9	98	1008	27	26	6*		6	8					2	6	2.6
	12	11.4	77	12.2	97	1009	27	30	7*	7	6	8	8	9			61	8	
	18	11.0	64	11.7	98	1010	29	28	7*		7	8					27	6	4.5
27	0	9.0	76	11.7	98	1013	29	27	7*		8	2					25	8	
	6	8.0	85	11.6	98	1017	34	28	6*		6	4					21	6	2.3
	12	7.9	79	11.2	98	1023	32	7	2	4	2	5	3	5	0	2	2	8	
	18	9.9	65	11.8	98	1024	32	9	3			6					3	8	.3
28	0	9.1	77	11.1	98	1021	20	24	5		3	8					61	2	
	6	9.5	94	11.9	96	1012	20	24	6*		3	8					61	6	1.8
	12	12.7	92	11.0	97	1009	29	28	7*	6	5	8	8	3			21	6	
	18	10.4	65	11.8	98	1013	29	31	8**		8	6					2	2	3.5
29	0	8.3	90	11.0	98	1014	29	32	8**		8	8					2	2	
	6	10.2	71	10.7	98	1019	32	23	6*		6	7					2	2	.
	12	10.8	73	10.4	98	1022	29	13	4		3	8	8	0	7		3	2	
	18	9.0	95	11.2	96	1019	20	23	5		3	8					10	6	.1
30	0	11.4	95	11.4	97	1015	23	26	7*		3	8					61	2	
	6	12.4	89	11.0	98	1013	25	28	7*	6	5	8					2	6	.5
	12	12.9	90	10.5	96	1009	25	32	8**	5	6	8	8	6			51	6	
	18	13.2	96	10.6	96	1004	25	36	9**	7	8	8					61	6	2.0
31	0	11.0	92	11.1	98	1005	29	24	6*		7	8					61	6	
	6	11.9	84	11.0	98	1008	29	19	5		5	8					2	6	14.0
	12	12.1	87	11.0	98	1012	25	21	4		3	8	8	0	7		2	2	
	18	10.8	95	11.0	98	1011	18	21	4		3	8					2	2	.

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Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	12.0	98	10.9	96	1003	23	33	8**		5	8					61	6	
	6	13.1	85	11.0	97	1000	25	39	8**	7	6	8					2	6	1.6
	12	11.6	65	11.0	97	1004	25	37	9**	7	9	7	7	5			1	1	
	18	11.6	76	11.0	98	1007	27	34	8**		10	8					63	2	.4
2	0	11.6	77	11.0	98	1010	29	27	6*		10	8					2	6	
	6	8.0	85	11.0	98	1012	34	14	4		4	8					61	6	1.4
	12	8.7	79	11.0	98	1012	9	11	3		2	8	8	0	7		2	6	
	18	8.6	95	11.0	98	1011	14	17	4		2	8					62	6	.5
3	0	11.7	92	11.1	96	1008	25	11	5		2	8					10	6	
	6	11.0	94	10.9	98	1004	25	19	5		2	8					61	2	2.5
	12	10.7	88	10.7	96	997	29	33	8**	4	6	7	7	5			60	6	
	18	9.5	98	10.7	97	997	25	40	9**		10	8					61	6	2.7
4	0	11.2	83	10.5	98	1001	29	38	8**		10	8					60	6	
	6	11.1	86	10.5	98	1010	29	28	7*		8	8					2	6	18.0
	12	11.3	74	10.9	98	1013	27	24	6*	5	6	6	6	0	7	0	2	2	
	18	11.6	77	10.6	98	1014	27	22	6*			8					2	2	.2
5	0	10.0	82	10.9	98	1009	25	24	6*			8					2	6	
	6	10.8	68	10.5	97	1003	29	31	8**			7					25	6	12.5
	12	9.7	77	10.7	98	1006	29	23	6*	5	9	4	3	2	0	6	2	1	
	18	8.5	94	10.7	97	1005	29	33	8**		7	7					81	8	4.0
6	0	6.6	84	10.6	98	1011	2	13	4			4					25	8	
	6	6.0	74	10.0	98	1016	5	7	2			7					2	1	.6
	12	6.0	73	10.4	98	1019	14	13	4	3	2	8	8	6			2	2	
	18	5.0	93	10.1	97	1017	9	20	5			8					61	2	1.2
7	0	2.5	84	10.4	98	1020	11	23	6*		4	8					2	2	
	6	2.8	75	9.5	98	1019	11	21	5			7					2	2	.7
	12	4.5	78	10.0	98	1021	9	11	4		1	0	0	0	0	0	2	0	
	18	2.5	92	9.8	98	1022	7	6	2			1					2	0	.
8	0	3.6	76	8.8	98	1023	25	8	3			1					2	0	
	6	5.4	87	10.5	97	1021	23	19	5		2	4					3	1	.
	12	3.4	91	10.0	96	1019	23	22	6*	4	2	8	8	6			10	2	
	18	4.3	92	9.0	97	1008	20	31	8**	4	3	8					61	2	.4
9	0	7.8	95	10.0	97	998	23	29	8**			8					21	6	
	6	8.5	75	10.0	98	997	27	28	7*		7	5					2	2	2.3
	12	9.5	70	10.0	98	995	29	36	8**	5	10	6	4	3	0	2	60	2	
	18	9.2	88	9.7	97	993	29	34	8**	5	12	7					60	6	2.5
10	0	8.5	72	9.9	97	1000	32	34	8**		12	8					2	6	
	6	5.9	81	9.9	98	1009	36	9	3			7					21	6	.2
	12	8.0	69	9.7	98	1012	32	20	6*	4	3	7	7	0	3		2	2	
	18	7.7	68	9.2	98	1015	29	14	4			7					60	2	.0

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	8.1	81	9.0	98	1014	23	13	4				7					2	2	
	6	7.2	91	9.5	97	1008	18	23	6*		2	8						60	2	.6
	12	10.5	95	9.5	96	1002	23	26	6*	4	4	8	8	6				61	6	
	18	10.5	95	9.3	97	1002	25	26	6*		5	8						60	6	6.5
12	0	11.1	93	9.5	98	1001	25	23	6*				8					61	6	
	6	10.7	92	9.2	98	997	23	31	7*		5	8						21	6	6.5
	12	9.0	96	9.8	96	997	27	17	5	4	4	8	8	6				61	6	
	18	7.3	95	9.0	98	998	27	17	4	4	2	8						61	6	2.5
13	0	7.5	81	9.4	98	999	23	24	6*		4	7						2	2	
	6	6.6	86	9.0	98	999	23	29	7*	4	6	1						2	1	1.2
	12	8.1	88	9.5	97	1002	23	32	8**	4	8	5	5	3				2	2	
	18	7.0	83	9.0	98	1005	23	21	6*			0	0	0	0	0		2	8	.7
14	0	6.7	82	9.5	98	1004	18	24	6*				4					2	1	
	6	4.8	88	9.0	97	1001	18	22	5	4	4	0	0	0	0	0		2	0	.
	12	8.1	74	9.2	96	997	18	22	5	4	3	4	0	0	0	5		10	1	
	18	7.0	81	9.0	97	995	16	23	6*	4	3	8						2	2	.
15	0	8.1	74	9.2	98	995	18	15	5				8					21	2	
	6	5.6	91	9.0	97	995	18	17	5	4	2	8						51	2	.2
	12	6.8	81	9.0	97	997	18	11	3	3	2	7	7	0	2			2	5	
	18	6.8	89	8.5	97	999	16	8	2		1	7						2	2	.0
16	0	6.5	94	9.0	98	1001	18	10	3		1	4						1	2	
	6	7.5	81	8.2	98	1003	23	5	2			7						2	2	.
	12	9.2	62	9.2	98	1005	27	13	4	4	1	4	2	2	0	1		2	2	
	18	6.7	77	8.3	98	1005	23	25	6*			6						2	2	.0
17	0	5.5	83	8.4	98	1003	20	22	6*		3	7						2	2	
	6	4.4	90	8.5	97	1002	20	21	6*		3	8						2	6	.0
	12	5.0	84	8.3	97	1003	18	14	4	3	2	8	8	6				2	2	
	18	5.6	94	8.8	96	1003	16	17	5		2	8						10	2	.
18	0	6.0	93	8.8	96	999	16	21	6*		2	8						10	2	
	6	6.1	97	8.5	96	991	14	30	7*	5	3	8						63	6	1.3
	12	10.3	86	8.9	97	990	20	26	7*	3	3	8	7	7	2			2	6	
	18	8.9	85	9.0	98	993	18	20	5		3	8						2	2	.7
19	0	9.2	95	8.5	97	987	16	27	7*		3	8						61	6	
	6	10.7	93	8.8	98	985	18	26	6*		3	8						21	6	.9
	12	10.5	93	8.9	97	986	16	20	5	4	3	6	3	2	9	0		1	6	
	18	11.0	76	9.0	98	990	23	29	7*		3	6						2	8	.3
20	0	8.0	85	8.8	98	997	23	30	7*		4	8						61	2	
	6	6.4	92	9.0	98	1003	23	24	6*		3	0	0	0	0	0		1	1	.2
	12	7.7	83	8.9	97	1006	23	17	4	4	2	0	0	0	0	0		2	0	
	18	7.8	87	9.0	98	1006	14	21	6*		3	0	0	0	0	0		2	0	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	7.3	84	9.0	98	1000	14	29	7*		3	8						2	2	
	6	8.9	86	9.0	97	997	18	25	6*		3	5						2	6	.9
	12	8.2	82	9.0	98	1003	20	22	6*	4	3	1	0	0	0	5		1	0	
	18	8.4	86	9.0	98	1006	18	20	5		2	8						3	2	.
22	0	7.6	92	9.0	98	1010	25	13	4		2	0	0	0	0	0		1	1	
	6	7.7	95	9.0	98	1012	16	4	2			6						3	1	.
	12	7.7	92	8.9	96	1015	23	7	2		1	7	7	0	3	0		10	2	
	18	7.2	96	9.0	97	1017	27	11	3		1	8						2	2	.
23	0	5.8	94	9.0	96	1019	25	14	4		1	0	0	0	0	0		10	0	
	6	3.5	95	9.0	92	1021	23	12	3		1							45	4	.
	12	5.2	97	8.9	96	1021	18	21	5	3	1	8	8	0	2			28	4	
	18	7.1	85	9.0	96	1019	14	24	6*		2	8						10	2	.
24	0	6.5	80	9.0	98	1017	18	25	6*		3	8						2	2	
	6	7.9	87	9.0	98	1017	18	15	4	4	2	8						2	2	.
	12	7.5	77	9.0	98	1017	18	21	5		2	4	0	0	0	1		1	1	
	18	9.7	88	9.0	98	1016	18	21	6*		3	4						2	0	.
25	0	7.9	76	9.0	97	1017	14	19	5		2	2						3	1	
	6	6.9	75	9.0	98	1016	16	18	5		2	0	0	0	0	0		2	0	.
	12	10.0	63	9.1	98	1018	18	15	4		1	4	0	0	0	1		3	0	
	18	8.7	79	9.0	98	1019	20	15	4		1	0	0	0	0	0		1	1	.
26	0	8.2	85	9.1	97	1020	23	24	6*		2	0	0	0	0	0		2	0	
	6	8.3	99	9.1	93	1023	25	21	5		2							47	2	.
	12	8.9	99	9.0	91	1026	25	16	4	4	2							47	5	
	18	8.1	99	9.0	91	1028	27	12	3		2							45	4	.4
27	0	8.9	94	9.1	98	1030	32	9	3		1	8						2	2	
	6	8.5	82	9.1	98	1030	34	9	3			8						2	2	.2
	12	9.0	84	9.2	98	1030	29	6	1			7	7	8	0	0		2	2	
	18	6.6	88	9.1	98	1027	23	6	1			8						2	2	.
28	0	6.0	96	9.0	95	1024	18	11	3			8						10	2	
	6	5.0	98	9.0	91	1020	16	15	4		1	8						45	4	.
	12	5.1	97	9.0	94	1015	16	15	4		1	8						43	4	
	18	6.8	91	9.0	96	1010	18	20	5		1	8						10	4	.
29	0	7.6	88	9.0	96	1007	23	20	5		1	2						10	2	
	6	8.4	94	9.0	95	1004	23	17	5		2	8						21	2	.0
	12	7.8	97	9.1	95	1002	18	10	3		1	8	8	6				61	6	
	18	7.0	99	9.0	96	998	11	20	5		1	8						61	6	1.5
30	0	9.2	94	9.0	97	997	16	17	5		1	8						61	2	
	6	9.6	84	9.0	98	997	20	19	5		2	8						61	6	.2
	12	9.4	87	9.0	98	1000	23	23	6*	4	3	7	7	5				1	2	
	18	9.0	91	9.0	98	1002	18	13	4		2	8						3	1	.1

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	8.4	91	8.7	97	1002	20	19	5		1	8					61	2	
	6	8.0	94	8.9	96	1003	18	14	4		1	8					61	6	.1
	12	8.2	94	9.0	96	1003	23	15	4	3	1	8	8	5			10	6	
	18	7.8	92	8.8	97	1004	23	15	5		2	4					2	2	.
2	0	8.6	90	8.8	98	1006	27	7	2			8					2	2	
	6	8.9	73	8.8	98	1010	32	21	5		2	1					1	6	.0
	12	8.3	86	9.0	97	1010	25	26	6*	5	4	8	8	5			2	2	
	18	8.4	89	8.9	98	1009	25	28	7*			8					2	8	.0
3	0	7.9	90	8.9	97	1003	23	26	6*		5	8					2	2	
	6	8.7	98	8.8	96	993	23	28	7*			8					53	6	1.2
	12	6.7	89	8.6	98	1001	34	24	6*	4	5	6	6	5	0	0	1	8	
	18	7.9	73	8.7	98	1011	32	23	6*			6					2	2	9.0
4	0	8.2	75	8.2	98	1017	32	11	3		4	3					2	1	
	6	7.4	88	8.6	98	1019	23	12	4		2	4					2	2	.
	12	6.4	93	8.2	98	1018	18	21	6*	4	2	6	6	0	2	0	2	2	
	18	6.0	93	8.6	97	1012	18	28	7*		3	8					61	2	2.2
5	0	8.5	96	8.6	97	1011	27	12	4			8					2	6	
	6	7.5	91	8.5	98	1011	23	21	6*			5					21	1	3.2
	12	9.5	71	8.5	98	1015	27	20	5	4	3	6	3	3	2	0	60	6	
	18	9.0	85	8.6	98	1019	27	21	6*			7					2	6	1.4
6	0	8.6	85	8.5	98	1020	23	23	6*		3	1					1	1	
	6	7.2	89	8.5	98	1016	23	24	6*			8					2	2	.
	12	7.7	87	8.5	97	1010	20	24	6*	5	5	8	8	5			2	2	
	18	7.5	81	8.5	98	1006	27	24	6*			8					60	6	2.5
7	0	7.9	76	8.5	98	1010	27	21	6*		6	7					60	8	
	6	7.8	67	8.5	98	1013	27	17	5	5	5	2					1	6	.9
	12	8.0	87	8.4	97	1014	32	22	6*	4	4	7	7	5			25	8	
	18	8.0	76	8.5	97	1020	36	22	6*	4	4	1					1	0	2.5
8	0	7.2	82	8.2	98	1029	2	20	5			1					2	0	
	6	6.6	61	7.8	98	1034	2	9	3			4					2	0	.
	12	8.0	76	8.2	98	1037	34	14	4	4	2	3	3	1	0	0	2	1	
	18	8.0	81	7.4	98	1038	29	19	5	4	3	2					2	1	.
9	0	8.2	85	8.0	98	1038	29	20	5		4	4					2	1	
	6	8.6	86	7.6	98	1037	29	20	5			8					2	5	.0
	12	8.4	87	8.0	98	1037	34	7	3	5	4	8	8	5			2	2	
	18	7.7	88	7.5	98	1038	34	15	4			8					2	2	.
10	0	8.0	91	7.8	98	1038	34	19	5			8					2	5	
	6	8.0	92	7.5	98	1037	32	15	5		2	1					2	0	.0
	12	8.2	92	7.4	98	1037	32	14	4	4	2	7	7	5			2	1	
	18	7.5	93	7.5	98	1037	34	15	5			8					2	2	.

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FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	7.0	95	7.2	97	1036	36	4	1				8				51	5	
	6	7.0	95	7.7	98	1034	20	5	2				8				50	5	.6
	12	7.0	95	7.4	97	1033	16	11	3		1	8	8	6			2	5	
	18	6.0	88	8.0	98	1031	18	10	3				8				2	2	.4
12	0	6.1	88	7.6	97	1029	16	11	4		1	8					2	2	
	6	4.7	85	7.7	97	1027	23	7	2				8				2	2	.
	12	4.6	90	7.5	97	1026	18	10	4		1	4	0	0	0	5	1	1	
	18	4.9	78	7.8	96	1024	18	14	4			6					10	2	.
13	0	5.5	90	8.0	96	1024	23	17	5				7				10	1	
	6	5.0	93	7.8	96	1025	23	14	5				8				10	2	.
	12	5.8	96	7.8	95	1025	23	15	4	3	2	8	8	6			10	2	
	18	6.7	99	7.7	95	1024	25	15	5		2	8					10	2	.0
14	0	8.0	87	8.0	98	1026	29	16	4				7				2	2	
	6	7.5	81	7.1	98	1024	27	22	6*				8				2	2	.
	12	6.7	77	8.0	98	1023	32	17	5	4	5	6	6	0	6	0	21	6	
	18	7.1	73	7.2	98	1025	34	20	5		6	4					2	2	2.2
15	0	7.0	75	7.0	98	1028	34	15	5				0	0	0	0	1	0	
	6	6.8	84	6.6	98	1030	36	10	3				2				2	0	.
	12	7.0	87	7.0	98	1032	27	16	4	3	1	7	7	5			3	1	
	18	7.0	84	7.0	98	1034	32	9	3		1	8					2	2	.
16	0	5.6	93	7.0	98	1034	27	12	3		1	8					61	1	
	6	6.0	74	7.0	98	1033	23	16	4		1	8					2	2	1.2
	12	6.1	81	7.1	97	1033	25	21	6*	3	2	8	8	0	2		2	2	
	18	6.1	81	7.1	98	1033	25	20	5		2	8					21	6	.0
17	0	5.2	79	7.1	97	1031	23	23	6*		2	7					2	2	
	6	4.1	76	7.2	98	1027	23	26	6*		3	0	0	0	0	0	1	2	.
	12	3.6	79	7.0	97	1023	20	28	7*	4	4	8	8	0	2		2	2	
	18	4.5	93	7.4	96	1020	23	28	6*		4	8					21	6	2.5
18	0	6.8	97	7.3	96	1021	25	9	3				7				10	2	
	6	5.6	97	7.5	95	1022	25	18	5		2	7					10	2	.
	12	5.6	96	7.3	95	1023	23	17	4		1	8	8	6			10	2	
	18	5.6	96	7.5	95	1022	23	19	5		2	8					10	2	.
19	0	5.1	97	7.4	94	1022	23	17	4		1	8					10	2	
	6	5.7	96	7.7	93	1021	20	11	3		1						47	4	.3
	12	6.6	86	7.4	95	1021	20	16	4	3	1	8	8	6			10	4	
	18	7.7	99	7.8	92	1022	23	17	4		1						45	4	.4
20	0	7.6	97	7.8	95	1021	25	20	6*		2	8					10	4	
	6	7.5	93	7.8	96	1019	25	28	6*		3	8					10	2	.2
	12	7.5	99	7.3	95	1019	25	21	6*	4	4	8	8	6			10	2	
	18	7.6	69	7.6	98	1020	29	19	6*		3	0	0	0	0	0	2	0	.3

1970 DEZEMBER

FEUERSCHIFF " ELBE 1 "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	7.2	74	7.0	98	1020	29	24	6*		3	6					2	2	
	6	4.9	73	7.6	98	1019	34	27	7*		5	1					23	7	3.5
	12	5.3	62	7.4	98	1020	34	26	6*		6	6	6	3	0	0	27	8	
	18	5.0	66	6.1	98	1021	34	29	7*	7	5	5					2	2	.3
22	0	1.1	95	5.8	97	1021	2	14	4		2	8					71	2	
	6	1.7	82	6.0	98	1024	2	23	6*		3	0	0	0	0	0	1	0	2.0
	12	2.8	57	5.8	98	1026	2	19	5	4	3	2	2	1	0	0	2	0	
	18	2.3	59	5.7	98	1026	2	17	5			2					2	0	.
23	0	1.6	59	6.0	98	1025	2	13	4			0	0	0	0	0	2	0	
	6	.8	61	5.6	98	1022	2	5	2		2	0	0	0	0	0	2	0	.
	12	2.4	56	6.5	98	1022	14	7	2			2	0	0	0	2	2	0	
	18	1.1	60	7.0	98	1022	7	11	3			0	0	0	0	0	2	0	.
24	0	.9	64	5.1	98	1025	7	18	5			1					2	0	
	6	1.3	75	6.0	98	1025	5	22	6*	4	1	8					71	1	.
	12	1.0	81	6.0	98	1026	5	25	6*	4	2	6	4	5	0	2	2	7	
	18	1.2	76	6.0	98	1027	5	18	5			7					2	2	.0
25	0	.6	76	6.0	98	1028	5	21	6*		2	0	0	0	0	0	2	0	
	6	.4	72	5.1	98	1026	5	22	6*			2					2	1	.
	12	.7	72	5.1	98	1026	5	15	5	4	2	3	3	1	0	0	3	0	
	18	.2	72	5.6	98	1023	5	17	5			8					2	2	.
26	0	.2	76	4.5	96	1020	7	21	6*		2	8					73	7	
	6	.6	80	6.5	98	1021	9	13	4		2	0	0	0	0	0	2	0	.0
	12	.0	79	5.2	97	1022	9	14	4	3	2	5	5	5	0	0	22	2	
	18	1.0	83	6.1	97	1022	7	21	6*		2	8					71	2	.0
27	0	1.9	90	5.5	97	1021	9	15	5			8					71	7	
	6	2.4	84	5.5	98	1020	9	18	5			8					2	7	.0
	12	2.5	80	5.4	96	1020	9	18	5	3	1	7	7	8			10	7	
	18	1.5	85	5.5	96	1019	9	18	5			8					10	2	.0
28	0	1.9	88	5.2	97	1015	9	19	6*		2	2					1	1	
	6	1.9	90	5.8	97	1012	9	23	6*			8					2	2	.
	12	.2	86	6.0	96	1008	7	24	6*	4	2	8	8	6			10	2	
	18	2.2	87	6.4	98	1005	5	29	7*			8					2	2	.
29	0	3.0	81	6.2	98	1005	7	24	6*			8					2	2	
	6	2.5	90	5.5	98	1005	5	26	7*		3	8					61	7	.5
	12	1.7	92	4.8	96	1007	5	29	7*	4	3	8	8	5			10	6	
	18	1.1	81	5.3	98	1006	7	21	5		3	1					1	1	.0
30	0	1.6	77	5.3	98	1004	2	15	5		2	8					71	2	
	6	.8	79	5.0	98	1000	5	11	3		2	8					22	7	.0
	12	.1	75	4.9	98	1001	2	28	7*	5	3	1	1	1	0	0	1	1	
	18	.9	58	5.4	98	1002	2	21	6*		3	0	0	0	0	0	2	0	.
31	0	.5	89	5.0	98	1002	34	5	2		1	3					22	7	
	6	.7	71	5.0	98	1005	2	13	5		2	1					2	0	.2
	12	1.0	57	4.6	98	1008	2	12	3			0	0	0	0	0	1	0	
	18	1.7	62	5.0	98	1010	2	17	5	3	1	3					2	0	.

1970 JANUAR

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	5.0	89	.4	98	1013	7	17	4		2	1						2	0	
	6	4.3	93	.4	98	1008	7	13	4		1	0	0	0	0	0		2	0	.
	12	3.5	89	.0	98	1005	36	7	2			1	0	0	0	5		1	1	
	18	3.5	94	.2	98	1003	27	19	5		1	6						2	2	.
2	0	3.3	96	.2	96	998	24	26	6*		2	8						71	7	
	6	1.4	98	.2	97	992	25	33	7*		3	8						71	7	.0
	12	.5	91	.2	97	992	25	23	6*	3	1	7	2	2	7			2	7	
	18	.6	98	.1	94	991	25	19	5		2	8						71	7	.1
3	0	.1	84	.1	98	990	29	20	5		2	1						1	7	
	6	1.0	92	.1	98	990	27	23	6*		1	0	0	0	0	0		2	0	.
	12	1.1	83	.2	98	991	25	23	6*	3	2	2	0	0	0	2		2	0	
	18	1.3	94	.7	97	993	25	23	6*		2	5						70	1	.0
4	0	.6	76	.7	97	991	22	32	8**		3	8						73	1	
	6	.1	95	.7	97	991	22	29	7*		3	6						2	7	.0
	12	.4	95	.3	97	993	25	27	6*	4	2	8	6	7	2			70	7	
	18	.3	91	.5	97	996	25	21	5		1	8						3	7	.0
5	0	.7	96	.3	96	996	22	13	4		1	8						70	7	
	6	1.4	98	.2	92	995	20	4	2		1							45	7	.0
	12	1.0	98	.5	93	994	13	5	2									43	4	
	18	1.2	94	.3	97	994	36	11	3		1	8						2	2	.
6	0	2.8	90	.2	97	996	36	10	3		1	8						2	2	
	6	2.7	94	.6	97	1000	0	0	0			8						71	2	.
	12	1.0	90	.7	95	1002	20	12	3	2	1	8	6	7	2			70	2	
	18	.3	96	.6	96	1005	18	8	3		1	8						22	7	.0
7	0	1.5	90	.6	97	1007	18	13	4		1	8						3	2	
	6	1.2	94	.5	96	1010	11	11	3		1	8						10	2	.
	12	.9	91	.0	96	1015	9	11	3	2	1	8	8	0	2			10	7	
	18	1.0	92	.2	96	1020	7	11	3		1	8						10	2	.0
8	0	.7	94	.2	96	1025	7	5	1			0	0	0	0	0		10	1	
	6	1.5	94	.5	96	1027	9	11	3			8						10	4	.
	12	3.3	98	.4	92	1030	13	11	3	2	1							45	2	
	18	1.5	90	.1	97	1030	11	22	6*		1	1						1	1	.
9	0	1.6	90	.2	97	1028	16	28	7*		3	1						1	0	
	6	2.4	92	.5	98	1027	13	32	7*		3	7						3	1	.
	12	3.5	89	.7	97	1023	13	34	8**	5	3	8	7	0	7	6		2	2	
	18	2.6	90	.5	97	1019	13	44	9**		4	8						2	2	.
10	0	2.2	92	.1	97	1017	13	35	8**		3	8						70	7	
	6	1.3	94	.1	97	1014	16	29	7*		3	8						2	7	.
	12	.5	93	.1	97	1013	16	24	6*	3	1	2	0	0	0	2		1	1	
	18	.4	91	.3	97	1009	13	21	6*		1	8						2	1	.

1970 JANUAR

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	2.0	90	.5	97	1006	13	26	6*		2	8					66	6	1.5
	6	1.6	96	.6	96	1003	13	14	4		1	8					20	6	
	12	.5	96	.6	92	1003	13	12	3	2	1						47	4	
	18	.2	94	.4	96	1001	13	13	4	2	1	5					10	4	
12	0	.0	91	.6	96	1001	11	15	4		1	8					10	2	.
	6	.4	93	.7	96	998	11	16	5		1	5					10	1	
	12	.1	95	.5	97	998	11	21	5	2	1	8	8	0	7		2	2	
	18	.3	95	.6	96	998	10	18	4		1	8					10	2	
13	0	.3	98	.5	91	998	11	9	3		1						45	4	.0
	6	1.1	98	.5	90	998	11	6	2								47	4	
	12	1.0	98	.5	91	1001	13	5	2								45	4	
	18	.8	98	.4	91	1002	13	9	3								45	4	
14	0	1.1	98	.6	91	1003	9	10	3		1						45	4	.
	6	1.2	98	.7	91	1003	9	9	3								45	4	
	12	.5	96	.5	92	1004	9	8	4	2	1	8	8	6			42	4	
	18	.8	98	.4	93	1004	11	16	5	2	1						45	4	
15	0	.4	98	.4	94	1005	9	20	5	2	1	8					10	4	.
	6	.9	95	.5	97	1004	9	23	6*	3	2	8					2	2	
	12	.3	98	.4	95	1006	9	26	6*	3	2	8	8	6			10	2	
	18	.3	98	.5	95	1006	9	28	7*	3	3	8					75	7	
16	0	.6	98	.5	95	1009	9	32	7*	3	3	8					75	5	.7
	6	1.0	96	.4	97	1010	9	31	7*	3	3	8					73	7	
	12	1.4	94	.3	96	1014	7	30	7*	3	3	8	4	7	2		77	7	
	18	1.8	96	.4	97	1017	7	27	6*	3	3	8					77	7	
17	0	1.5	94	.4	97	1020	7	28	7*	3	3	8					73	7	.0
	6	1.2	89	.3	98	1021	9	31	7*	3	3	8					2	7	
	12	1.3	99	.3	98	1023	9	28	7*	4	4	6	6	5			1	2	
	18	1.0	85	.3	98	1025	9	25	6*	4	3	7					2	2	
18	0	1.0	87	.5	98	1026	9	22	5	3	2	8					3	2	.0
	6	1.2	89	.4	98	1026	9	19	5	2	2	8					22	2	
	12	1.5	90	.3	98	1027	11	14	4	3	2	8	6	3	2		2	2	
	18	1.5	92	.4	98	1027	9	15	4	3	2	8					2	2	
19	0	1.6	88	.3	98	1027	9	13	4	2	1	8					2	2	.0
	6	1.3	94	.3	98	1028	9	10	3			8					77	7	
	12	1.4	96	.3	96	1030	7	9	3			8	6	4	2		77	7	
	18	1.7	92	.4	98	1030	9	14	4	2	1	8					2	7	
20	0	1.6	94	.3	98	1030	9	4	2			8					2	2	.
	6	1.8	92	.5	98	1029	7	10	3			8					2	2	
	12	1.8	92	.4	97	1030	13	11	4	2	1	8	3	3	2		2	2	
	18	1.5	92	.5	98	1029	13	14	4	2	1	8					2	2	

1970 FEBRUAR

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0 6 12 18																		.	
2	0 6 12 18																		.	
3	0 6 12 18																		.	
4	0 6 12 18																		.	
5	0 6 12 18																		.	
6	0 6 12 18																		.	
7	0 6 12 18																		.	
8	0 6 12 18																		.	
9	0 6 12 18																		.	
10	0 6 12 18	.0	97	.6	95	995	0	0	0				8					70	4	.

1970 FEBRUAR

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	.8	94	.7	97	998	9	18	6*	3	2	8					71	7	
	6	1.4	96	.7	97	1001	9	17	5	3	2	8					71	7	.1
	12	1.4	88	.7	98	1005	9	13	4	2	1	0	0	0	0	0	1	7	
	18	3.1	81	.7	98	1009	9	9	3	2	1	0	0	0	0	0	2	0	.0
12	0	3.8	83	.9	98	1011	7	5	2			0	0	0	0	0	2	0	
	6	4.8	89	1.0	97	1010	9	10	3	3	2	0	0	0	0	0	2	0	.
	12	2.0	92	1.0	97	1007	13	17	4			7	4	0	2	6	2	2	
	18	2.0	92	.8	97	1002	11	20	5			8					3	2	.
13	0	2.4	92	.9	96	998	9	20	5		2	8					10	2	
	6	2.4	88	1.0	97	994	4	18	5			8					2	2	.0
	12	1.6	88	1.0	97	998	2	19	5			7	0	0	0	6	1	2	
	18	2.7	81	1.0	97	1003	34	19	6*			8					3	2	.
14	0	2.9	85	1.0	97	1007	34	15	4			8					2	2	
	6	4.0	89	1.0	97	1008	32	10	3			8					2	2	.
	12	3.9	85	.8	97	1010	36	10	3			7	0	0	0	6	1	2	
	18	4.0	89	.9	97	1012	29	9	3			8					2	2	.
15	0	5.5	82	.9	97	1013	32	5	2			8					2	2	
	6	5.0	86	1.0	97	1013	23	9	2			8					3	2	.
	12	3.4	89	.9	97	1013	20	11	3			7	5	6	1		3	1	
	18	2.8	94	.8	96	1013	22	14	4			8					71	8	.0
16	0	3.2	94	.9	97	1013	20	13	4			8					2	7	
	6	4.8	91	.9	97	1011	22	13	4			8					2	2	.
	12	3.4	89	.9	97	1008	22	16	5			8	0	0	0	6	2	2	
	18	1.6	94	.8	96	1006	20	20	6*			8					73	2	.0
17	0	2.4	92	.9	97	1007	32	22	6*			8					71	7	
	6	7.1	79	1.0	98	1010	32	16	5			2					1	7	.0
	12																		
	18																		.
18	0																		
	6																		
	12																		.
	18																		.
19	0																		
	6																		.
	12																		.
	18																		.
20	0																		.
	6																		.
	12																		.
	18																		.
Vom 18. Februar bis 9. März nicht auf Position																			

1970 MAERZ

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0 6 12 18																			• •
2	0 6 12 18																			• •
3	0 6 12 18																			• •
4	0 6 12 18																			• •
5	0 6 12 18																			• •
6	0 6 12 18																			• •
7	0 6 12 18																			• •
8	0 6 12 18																			• •
9	0 6 12 18																			• •
10	0 6 12 18	2.3	92	.3	96	1021	11	12	3	2	1	8					10	2		• •

1970 MAERZ

FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0																			
	6																			.
	12																			.
	18																			.
22	0																			
	6																			.
	12																			.
	18																			.
23	0																			
	6																			.
	12																			.
	18																			.
24	0																			
	6																			.
	12																			.
	18																			.
25	0																			
	6																			.
	12																			.
	18	.5	91	.2	96	1016	34	18	5	2	1	8	8	6			71	2		.0
26	0	1.0	95	.5	98	1016	32	19	5		1	8						2	2	
	6	.2	89	.6	98	1015	29	10	3	2	1	6	5	0	2	6		1	2	.
	12	1.0	86	.2	97	1012	25	15	4	3	1	8	8	5				2	2	.
	18	1.8	83	.8	97	1006	21	14	4	2	1	7	7	0	7			2	2	.
27	0	1.2	88	.5	98	1003	29	15	4		1	8						2	7	
	6	.2	85	.6	98	1002	32	13	4	2	1	1	1	1	0	0		1	1	.5
	12	.5	91	.8	98	1002	22	17	5	2	1	7	6	3	2			26	1	
	18	1.3	91	.7	97	996	22	27	6*	3	2	8	8	5				71	2	.0
28	0	.5	89	.7	98	993	27	27	0		2	6						3	7	
	6	.2	92	.7	98	993	27	26	6*	3	2	5	4	3	2			1	1	.3
	12	.4	84	.9	98	995	29	26	6*	3	2	7	7	0	7			2	7	
	18	.5	96	1.1	98	995	34	18	5	3	2	6	6	3				2	8	.0
29	0	.0	87	.8	98	996	32	26	6*		2	8						26	8	
	6	.5	86	1.0	98	1000	34	17	5	3	1	4	4	1	0	0		1	7	.0
	12	1.6	83	1.0	98	1002	28	22	6*	3	1	2	1	1	9	0		3	0	
	18	2.5	92	1.5	98	1002	27	26	6*	3	1	2	1	0	4	6		1	8	.0
30	0	2.0	80	1.8	98	1002	29	19	5		1	8						3	1	
	6	1.3	95	1.8	96	998	22	11	4	2	1	8	8	6				21	7	1.4
	12	2.7	98	1.2	96	996	22	15	4	3	1	8	6	7	2			61	6	
	18	3.2	97	1.2	97	996	22	16	4	2	1	8	6	7	2			61	2	5.1
31	0	3.0	92	1.2	98	996	22	13	4		1	8						2	6	
	6	2.0	87	1.1	97	995	18	12	4	2	1	7	0	0	0	1		2	2	1.0
	12	3.3	91	1.3	97	992	16	13	4	2	1	8	2	7	7			21	6	
	18	3.4	91	1.3	97	990	22	6	2	2		7	1	3	2			21	6	5.3

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	2.7	92	1.3	98	990	22	16	5		1	8					3	2	
	6	2.6	94	1.2	96	989	18	16	4	2	1	8	8	6			61	2	.0
	12	2.5	95	1.2	97	989	22	20	5	3	1	8	6	7	2		2	6	
	18	1.0	93	1.3	96	992	29	26	6*	3	2	8	6	7	2		68	7	.5
2	0	.6	93	1.2	96	998	32	25	6*		2	8					68	7	
	6	.2	85	1.1	98	1001	32	16	5	3	1	7	7	0	5		2	7	.0
	12	.6	90	1.2	97	1003	25	14	4	2	1	4	1	0	9	6	1	7	
	18	.9	90	1.4	98	1004	27	17	5	3	1	6	2	4	7	6	26	2	.0
3	0	.7	90	1.4	98	1005	27	17	4		1	0	0	0	0	0	1	1	
	6	.6	90	.9	98	1007	32	6	2			5	4	2	9	0	3	1	.
	12	2.1	85	1.7	98	1010	0	0	0			2	2	2	0	0	2	0	
	18	2.0	88	1.6	98	1010	29	6	3			2	1	2	4	0	1	0	.
4	0	1.1	81	1.6	98	1011	0	0	0			0	0	0	0	0	2	0	
	6	1.4	92	1.6	97	1010	36	10	0			0	0	0	0	0	1	0	.
	12	1.8	83	1.9	97	1009	31	13	4	2	1	8	8	2			26	1	
	18	.8	89	1.6	97	1006	34	23	6*	2	2	8	8	2			3	2	.0
5	0	.5	96	1.5	95	1002	34	25	6*	3	2	8					73	8	
	6	.1	93	1.4	96	996	32	29	7*	3	3	8	6	5	2		71	7	.0
	12	.3	95	1.5	97	996	32	26	6*	4	3	8	6	5	2		71	7	
	18	.1	95	1.5	97	996	29	19	5	3	2	8	5	3	2		78	8	.0
6	0	.5	91	1.4	98	998	27	19	5		2	8					71	2	
	6	.4	91	1.4	97	1000	29	17	4	2	1	6	4	7	7		2	8	.0
	12	1.6	90	1.5	98	1002	23	10	4	2	1	8	5	3	2		2	2	
	18	1.0	97	1.5	96	1002	17	9	3	2	1	8	5	3	2		26	8	1.5
7	0	.5	96	1.5	95	1002	16	3	1			8					73	8	
	6	1.2	96	1.6	96	998	13	10	3			8	6	7	2		68	7	3.6
	12	2.2	97	1.5	95	997	16	2	1			8	8	5			96	7	
	18	1.3	95	1.6	97	998	31	16	5	2	1	8	2	3	2		68	9	3.0
8	0	1.2	93	1.5	97	1000	27	16	5		1	4					1	2	
	6	.6	93	1.2	97	1001	23	13	4	2	1	6	2	5	0	6	3	1	.1
	12	3.5	94	1.6	97	1002	18	6	2			8	3	5	1		3	1	
	18	.7	96	1.2	95	1002	11	11	3		1	8	6	7	2		68	7	1.8
9	0	.4	98	1.1	92	1003	16	8	2								47	2	
	6	.7	98	.7	90	1003	36	3	0								47	4	2.0
	12	2.8	95	1.5	96	1003	4	6	2	2	1	8	8	0	2		10	4	
	18	2.5	92	1.6	97	1004	7	8	3			8	8	0	1		2	2	.0
10	0	.3	98	1.4	94	1002	2	10	3	2	1	8					75	7	
	6	.6	83	1.2	94	999	36	24	6*	3	3	8	3	7	2		73	7	3.0
	12	.8	96	1.0	93	998	36	20	5	3	3	8	3	7	2		69	7	
	18	.4	95	1.0	95	998	32	24	6*	3	3	8	3	7	2		68	7	.4

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	1.0	95	1.0	96	999	31	21	5	3	2	8					68	7	
	6	.5	98	1.0	95	1001	29	22	6*	3	2	8	5	7	2		68	7	4.8
	12	1.0	97	1.4	97	1005	29	17	5	3	2	8	8	0	2		2	7	
	18	.9	98	1.2	96	1008	29	20	5	3	2	8	8	0	2		68	7	1.9
12	0	1.2	96	1.2	96	1010	29	17	5	3	2	8					68	7	
	6	1.4	97	1.2	96	1012	32	14	4	2	1	8	5	7	2		10	7	2.3
	12	2.0	97	1.3	96	1014	29	6	3			8	8	6			10	2	
	18	2.7	95	1.5	96	1013	0	0	0			8	8	6			10	2	.
13	0	1.7	95	1.5	97	1013	14	7	2			5					1	2	
	6	1.3	91	1.5	97	1011	11	12	3	2	1	8	8	6			2	2	.
	12	.6	95	1.5	97	1011	11	18	5	2	2	8	8	0	2		2	2	.
	18	1.7	93	1.3	97	1013	11	8	3			0	0	0	0	0	1	1	.
14	0	1.2	93	1.5	98	1017	34	4	1			0	0	0	0	0	2	0	
	6	2.1	93	1.0	96	1020	31	3	1			0	0	0	0	0	10	0	.
	12	2.4	99	1.5	95	1024	29	5	2			7	0	0	0	6	10	1	
	18	2.3	95	1.9	96	1026	29	11	4	2	1	6	6	0	0	6	10	2	.
15	0	2.8	95	2.0	97	1028	27	7	2			7					3	1	
	6	1.1	98	1.3	93	1030	0	0	0								47	1	.
	12	3.4	94	2.1	91	1030	11	3	1								47	4	.
	18	3.2	97	2.3	96	1028	13	10	3			8	8	6			10	4	.
16	0	4.6	94	2.2	96	1025	18	12	4		1	8					21	6	
	6	4.0	97	2.4	93	1021	18	16	4	2	1	8	8	6			58	6	2.2
	12	5.0	98	2.5	94	1020	23	18	4	2	1	8	8	6			42	5	
	18	4.7	99	2.5	92	1018	25	12	3	2	1						45	4	2.0
17	0	4.3	98	2.5	94	1018	25	10	3			8					10	6	
	6	4.5	98	2.5	91	1016	22	14	4	2	1						53	5	2.3
	12	5.9	99	2.9	94	1015	25	17	5	2	1						43	6	
	18	5.5	97	2.9	94	1015	25	15	4	2	1						45	4	3.8
18	0	4.5	97	3.0	94	1016	22	15	4		1	8					10	4	
	6	5.0	98	2.9	93	1014	25	6	2								58	2	.2
	12	6.0	97	3.0	92	1011	16	11	3								45	6	
	18	6.4	94	2.8	97	1010	25	19	5	3	1	7	0	0	0	2	2	6	1.8
19	0	4.5	95	2.8	98	1011	25	16	4		1	1					1	0	
	6	4.3	97	2.7	94	1011	22	15	4	3	1	7	0	0	0	2	10	1	.
	12	6.3	93	3.0	96	1011	22	13	4	2	1	7	0	0	0	6	10	4	
	18	5.7	94	3.3	96	1010	32	5	2			7	0	0	0	6	10	2	.
20	0	5.2	94	3.2	97	1010	25	9	3			8					2	2	
	6	4.0	94	3.2	97	1010	29	10	3	2	1	8	8	5			2	4	.
	12	5.0	88	3.3	98	1013	27	12	4	3	1	7	7	0	3		2	2	
	18	5.6	89	3.9	98	1014	25	10	3	2	1	1	1	1	0	0	1	1	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R		
21	0	4.8	94	3.5	98	1015	25	17	5		1	7						3	1		
	6	3.6	94	4.0	97	1014	20	15	4	3	1	0	0	0	0	0		2	1	.	
	12	5.1	96	3.6	97	1011	22	21	5	3	2	8	8	6				61	6		
	18	6.0	93	3.5	97	1006	22	24	6*	3	2	8	6	7	2			21	6	3.8	
22	0	4.0	95	3.7	98	1010	29	20	5		2	7							2	6	
	6	4.3	96	3.6	97	1011	27	7	3	2	1	8	2	7	2				2	2	1.2
	12	3.7	97	3.6	97	1013	22	6	2	2	1	8	5	7	2				61	2	
	18	6.2	96	3.7	96	1012	25	20	5	2	1	8	6	7	2				61	6	6.1
23	0	6.3	97	3.9	97	1011	25	19	5		1	8							61	6	
	6	6.8	95	3.9	97	1007	22	20	5	3	1	8	8	5					21	6	1.6
	12	6.3	99	4.0	95	1005	22	20	5	3	1	8	8	6					61	6	
	18	6.9	97	3.7	96	1005	22	15	4	2	1	8	6	7	2				60	6	2.2
24	0	6.4	97	3.7	97	1005	25	20	5		1	8							60	6	
	6	5.0	91	3.7	97	1008	25	18	5	2	1	0	0	0	0	0			2	6	1.5
	12	6.5	93	4.0	98	1011	27	16	5	2	1	1	1	1	0	0			2	0	
	18	6.2	90	4.1	98	1012	26	10	3	2	1	2	0	0	0	2			1	1	.
25	0	5.0	93	4.3	98	1012	27	10	3		1	0	0	0	0	0			1	0	
	6	4.8	96	4.4	97	1006	27	9	3	2	1	8	6	7	2				61	1	.2
	12	7.5	97	4.8	97	1002	18	15	4	2	1	8	5	7	2				61	6	
	18	7.6	97	4.7	97	1000	21	17	5	2	1	8	6	6	7				61	8	10.0
26	0	6.5	93	4.8	97	998	20	17	5		1	8							1	8	
	6	6.5	93	4.7	97	997	22	12	4	2	1	7	4	8	7				1	2	.8
	12	7.5	93	4.4	98	998	22	12	3	2	1	7	2	2	0	6			3	1	
	18	7.5	91	4.5	98	998	25	9	3			6	2	3	9				21	6	.2
27	0	4.7	96	4.3	97	1000	27	9	3		1	8							2	2	
	6	4.9	96	4.7	97	1002	34	11	4		1	8	8	5					2	2	.
	12	5.4	94	5.0	97	1006	27	10	3	2	1	7	0	0	2				1	2	
	18	5.7	93	5.1	98	1007	29	21	5	3	2	7	5	5	2				3	2	.
28	0	5.0	93	4.8	98	1010	28	21	5		1	8							3	2	
	6	4.7	90	4.6	98	1012	29	22	6*	3	2	8	8	5					2	2	.
	12	6.7	90	4.9	98	1014	28	19	5	3	2	5	5	1	0	0			3	1	
	18	5.8	89	5.0	98	1013	27	23	6*	3	2	6	6	3					2	2	.
29	0	5.7	90	4.7	98	1006	22	27	7*		3	8							2	2	
	6	3.8	94	4.7	97	998	22	34	8**	4	3	8	7	7	2				60	6	1.5
	12	4.7	90	4.5	98	1000	29	7	3	2	1	4	3	2	4	2			1	6	
	18	3.5	92	4.6	98	1001	22	4	2			7	2	5	2	6			2	7	.9
30	0	4.5	93	4.7	98	1005	32	12	4		1	1							1	1	
	6	3.6	91	4.5	98	1006	32	5	2	2	1	6	4	5	7				3	1	.
	12	3.5	92	5.0	98	1010	4	11	4			7	2	3	2				87	8	
	18	5.9	92	5.4	98	1012	34	12	3	2	1	3	1	3	0	6			1	8	.1

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	5.3	94	5.0	98	1015	34	20	4	3	2	8					25	8	
	6	4.6	93	4.8	98	1020	2	13	3	3	2	3	3	0	0	6	1	2	.
	12	6.8	95	5.2	97	1022	27	12	4	2	1	5	0	0	0	6	1	2	
	18	7.5	91	5.3	96	1023	27	5	1			6	3	4	3	0	10	6	.0
2	0	5.7	94	4.8	98	1023	32	9	3		1	3					1	8	
	6	5.4	96	4.5	96	1022	2	5	2			4	4	1	0	0	10	0	.0
	12	5.7	97	5.0	95	1022	11	10	3			8	8	0	1		10	4	
	18	3.7	95	5.5	95	1021	11	6	3	2	1	7	7	0	1		10	2	.
3	0	5.5	97	5.1	97	1021	20	4	1			8					2	2	
	6	6.7	96	5.7	96	1020	0	0	0			8	8	0	2		10	2	.
	12	7.8	97	5.9	97	1021	29	6	2			7	7	0	1		2	2	
	18	8.0	97	6.0	97	1020	32	8	3			7	7	0	3		2	2	.
4	0	6.6	96	5.9	98	1021	2	3	1			0	0	0	0	0	1	1	
	6	6.6	95	6.2	98	1021	0	0	0			8	8	0	3		3	2	.
	12	12.2	80	10.0	98	1021	0	0	0			0	0	0	0	0	1	2	
	18	7.8	95	8.4	98	1020	11	10	3			0	0	0	0	0	2	0	.
5	0	7.2	92	6.8	98	1020	9	13	4	2	1	0	0	0	0	0	2	0	
	6	7.5	96	6.9	97	1021	9	12	4	2	1	0	0	0	0	0	2	0	.
	12	8.8	95	7.6	97	1021	9	16	5	2	2	0	0	0	0	0	2	0	
	18	8.0	95	7.1	97	1021	9	21	6*	2	2	4	0	0	0	2	3	0	.
6	0	7.1	88	6.7	98	1021	9	25	6*		3	0	0	0	0	0	1	0	
	6	6.2	93	6.0	98	1017	9	21	6*	4	3	0	0	0	0	0	1	0	.
	12	6.8	93	6.0	98	1017	9	24	6*	3	3	3	0	0	0	2	3	0	
	18	7.6	91	5.3	98	1015	9	26	7*	4	3	0	0	0	0	0	1	0	.
7	0	6.6	95	5.2	98	1015	9	27	7*		3	2					1	1	
	6	6.8	93	4.8	98	1015	9	26	7*	4	3	2	0	0	0	2	1	0	.
	12	7.8	95	5.6	98	1015	9	28	7*	4	3	3	0	0	0	2	3	0	
	18	6.7	93	5.7	97	1014	9	30	8**	4	3	8	8	0	1		3	2	.
8	0	5.4	94	4.0	98	1015	9	29	8**	4	4	8					2	2	
	6	5.7	96	4.3	97	1014	7	24	6*	4	3	7	0	0	0	2	2	2	.
	12	7.8	94	4.5	97	1013	9	24	6*	4	3	2	0	0	0	2	1	1	
	18	7.9	91	4.5	97	1011	9	28	7*	4	4	0	0	0	0	0	1	0	.
9	0	6.7	96	4.0	98	1012	9	24	6*	3	2	8					3	1	
	6	6.7	97	4.0	97	1013	7	24	6*	3	2	8	8	0	2		29	9	4.2
	12	9.1	93	4.0	98	1014	9	24	6*	3	2	6	0	0	0	6	2	2	
	18	8.1	92	4.1	98	1014	9	25	6*	3	3	0	0	0	0	0	2	0	.
10	0	6.9	95	4.2	98	1015	9	22	6*	3	2	4					3	0	
	6	6.7	93	4.5	98	1014	9	20	5	3	2	8	8	0	2		3	1	.
	12	8.4	95	5.2	97	1013	9	14	4	2	1	0	0	0	0	0	2	0	
	18	9.2	89	5.0	98	1011	9	22	6*	3	2	0	0	0	0	0	2	0	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	7.2	92	4.6	98	1010	7	18	5	2	2	0	0	0	0	0	1	1	
	6	7.2	92	4.6	97	1008	7	18	5	3	1	0	0	0	0	0	1	0	.
	12	12.1	82	5.2	98	1006	9	20	5	3	2	0	0	0	0	0	1	0	
	18	9.1	94	5.0	98	1005	7	22	6*	3	2	8	8	0	7		3	1	.
12	0	9.5	87	4.8	98	1003	4	18	6*		2	7					3	2	
	6	9.1	90	4.8	98	1001	4	21	5	2	2	3	2	0	7	1	2	0	.
	12	10.2	90	4.8	97	1002	7	21	5	3	2	7	1	2	6		1	5	
	18	7.1	97	5.0	96	1003	7	16	4	3	2	8	8	5			10	6	.3
13	0	7.1	96	5.2	96	1005	7	17	5	2	2	8					61	4	
	6	7.3	97	5.1	96	1005	7	14	4			8	6	7	2		60	6	1.5
	12	8.2	99	5.4	96	1006	0	0	0			8	8	5			10	6	
	18	6.6	99	5.5	93	1007	27	9	3			8	8	7			58	5	4.0
14	0	6.8	99	5.5	93	1008	27	2	1								45	6	
	6	7.0	99	5.6	91	1008	34	2	1								45	4	3.0
	12	7.5	93	5.6	91	1008	29	5	2								45	4	
	18	8.2	97	5.5	95	1009	0	0	0			8	8	0	7		10	4	.7
15	0	7.0	93	5.5	96	1009	13	9	3			6					10	1	
	6	6.6	96	5.6	96	1010	10	5	2			8	8	5			10	1	.
	12	6.3	97	6.5	92	1011	9	5	1								45	4	
	18	8.7	95	6.9	97	1011	13	8	3			3	0	0	0	5	3	0	.
16	0	6.5	93	6.5	98	1011	4	18	4			0	0	0	0	0	2	0	
	6	7.5	90	7.0	98	1012	9	17	5	2	1	2	0	0	0	5	3	0	.
	12	8.8	91	7.0	98	1014	9	20	5	3	1	5	0	0	0	9	2	1	
	18	8.5	84	6.9	98	1015	9	18	5	3	1	2	0	0	0	2	2	0	.
17	0	6.6	84	6.3	98	1017	9	13	4		1	0	0	0	0	0	2	0	
	6	6.6	92	6.0	98	1018	9	7	2			0	0	0	0	0	2	0	.
	12	11.6	91	7.0	98	1021	13	4	2			1	0	0	0	5	1	0	
	18	11.5	93	7.1	98	1021	25	9	3			0	0	0	0	0	2	0	.
18	0	8.2	92	6.8	98	1025	7	11	3			0	0	0	0	0	2	0	
	6	6.0	93	6.0	95	1026	32	11	4	2	1	8	8	6			10	4	.
	12	8.1	88	6.2	97	1028	34	11	4	2	1	7	7	5			2	2	
	18	9.2	90	7.2	97	1028	29	16	5	3	1	3	0	0	0	1	1	1	.
19	0	7.9	95	7.2	97	1026	27	17	5		1	8					3	1	
	6	8.6	94	7.1	96	1023	25	16	5	3	1	8	8	5			10	2	.
	12	11.5	94	7.8	97	1018	22	17	5	2	1	7	7	0	9		2	2	
	18	10.5	94	7.8	97	1016	25	19	5	3	1	7	5	0	7	4	2	2	.
20	0	7.6	90	7.7	98	1016	33	20	5		1	1					1	6	
	6	7.6	92	7.4	98	1016	27	16	4	3	1	2	1	0	4	9	1	1	.6
	12	10.5	94	8.4	98	1017	27	17	5	3	1	8	8	0	7		3	1	
	18	9.5	91	9.1	98	1015	26	14	4	3	1	7	7	0	7		2	6	.1

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	9.0	94	8.5	98	1011	27	15	4		1	7					2	2	
	6	8.4	96	8.1	96	1005	22	14	4	3	1	8	6	7	2		61	6	.5
	12	9.5	98	8.5	97	1001	22	24	6*	3	1	8	5	5	2		21	6	
	18	9.1	93	8.7	98	999	25	20	5	3	1	7	3	3	2		25	6	3.6
22	0	7.8	94	8.3	98	998	22	20	5		1	6					25	8	
	6	7.2	92	7.9	98	998	25	21	5	4	2	6	4	3	7		2	6	2.7
	12	9.5	88	8.5	98	1001	27	19	5	4	1	8	3	7	2		2	8	
	18	8.7	91	8.5	98	1005	27	29	7*	4	2	7	2	3	9		2	8	2.0
23	0	8.0	87	8.4	98	1009	29	27	7*		3	8					3	2	
	6	7.6	90	8.4	98	1013	29	25	6*	4	3	8	5	7	2		2	2	.
	12	8.6	89	8.3	98	1018	30	18	5	3	1	3	1	2	9		1	2	
	18	10.0	88	8.0	98	1021	29	16	5	2	1	5	2	5	9	0	3	1	.
24	0	8.5	87	8.5	98	1025	32	16	4		1	1					1	2	
	6	7.5	87	8.3	98	1027	32	11	3	2	1	0	0	0	0	0	2	0	.
	12	9.7	86	9.6	98	1029	28	5	2			5	0	0	0	1	3	1	
	18	10.0	88	9.9	98	1028	13	10	3			5	0	0	0	2	3	1	.
25	0	9.4	93	9.1	98	1026	16	11	4		1	4					2	2	
	6	9.6	93	8.9	98	1023	18	12	4	2	1	3	0	0	0	9	1	1	.
	12	15.1	90	10.2	97	1021	16	5	2			7	1	0	3	6	3	2	
	18	12.0	93	10.0	96	1019	15	9	3			8	4	9	1		10	2	.
26	0	10.3	96	9.0	96	1018	27	10	3			8					10	6	
	6	8.5	94	8.7	97	1018	32	20	5	3	1	3	3	0	2		1	1	3.3
	12	12.0	89	10.0	98	1019	27	11	3	3	1	3	1	2	0	6	1	1	
	18	10.0	94	9.0	97	1015	26	18	5	3	1	8	8	3			2	8	.0
27	0	9.4	95	9.2	97	1014	32	24	6*		2	8					21	6	
	6	9.2	93	9.0	98	1016	33	17	4	3	1	8	8	5			2	6	2.8
	12	14.4	76	9.5	98	1018	34	11	4	2	1	1	1	1	0	0	1	1	
	18	12.1	90	10.5	98	1019	29	12	4	2	1	2	2	0	4	0	3	0	.
28	0	11.3	87	10.5	98	1019	32	9	3		1	6					3	1	
	6	11.2	93	9.6	97	1019	7	8	3			0	0	0	0	0	2	0	.
	12	12.0	87	10.2	97	1019	11	8	3	2	1	5	5	2	0	0	3	1	
	18	9.5	94	11.0	96	1018	11	13	4	2	1	7	0	0	0	6	10	1	.
29	0	9.0	96	10.6	97	1018	13	13	4		1	8					28	4	
	6	9.0	94	9.5	96	1015	11	8	3			8	8	5			10	2	.
	12	9.2	96	10.0	97	1015	13	8	3	2	1	8	8	5			2	2	
	18	10.6	99	10.6	96	1011	13	10	3	2	1	2	0	0	0	6	10	1	.
30	0	8.1	99	10.3	90	1012	11	8	3		1						47	4	
	6	8.0	99	10.1	91	1011	9	5	2		1						45	4	.
	12	10.1	99	10.4	91	1011	32	5	2								45	4	
	18	12.6	96	10.8	97	1011	11	7	3	2	1	4	0	0	0	6	1	4	.
31	0	10.4	98	10.1	97	1012	27	23	5	2	2	8					3	2	
	6	9.2	96	10.1	98	1013	27	12	4	3	1	8	3	2	2	6	61	2	.6
	12	10.4	96	10.2	97	1014	29	17	5	3	2	7	7	0	0	6	2	6	
	18	11.9	84	10.3	98	1015	29	20	6*	3	2	2	2	2	0	0	1	1	.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	10.5	88	10.1	98	1017	29	21	5		2	4						1	2	4.0
	6	10.4	98	10.0	97	1014	25	20	5	3	2	8	6	7	2			60	6	
	12	11.0	94	10.5	98	1015	29	25	7*	4	3	8	8	5				3	2	
	18	10.2	94	10.1	98	1017	29	28	7*	4	4	7	4	2	0	6		1	2	
2	0	9.1	80	9.9	98	1019	29	32	8**	4	4	6						3	1	.
	6	8.9	89	9.6	98	1020	32	25	7*	4	4	2	0	0	0	2		1	1	
	12	11.8	85	10.1	98	1024	29	15	5	3	2	5	3	2	0	2		3	1	
	18	12.1	88	10.5	98	1026	29	14	4	2	1	6	3	2	0	6		3	1	
3	0	10.8	79	10.4	98	1028	34	14	4	3	1	8						3	2	.
	6	10.1	93	10.5	98	1029	32	9	3	2	1	5	0	0	0	6		3	2	
	12	11.4	93	10.4	98	1030	34	10	3	2	1	1	0	0	0	1		1	1	
	18	13.3	86	11.5	98	1029	36	3	1			2	1	2	0	1		3	0	
4	0	10.7	95	10.4	98	1030	4	5	2			0	0	0	0	0		1	0	.
	6	11.4	92	10.7	98	1030	4	7	2			0	0	0	0	0		2	0	
	12	12.8	83	10.9	98	1030	11	12	4	2	1	0	0	0	0	0		2	0	
	18	12.8	81	11.5	98	1027	9	15	4	3	1	0	0	0	0	0		1	0	
5	0	9.2	95	10.7	97	1027	7	16	5		2	5						3	1	.
	6	12.0	88	10.9	98	1025	7	12	4	2	1	2	0	0	0	2		3	0	
	12	14.6	80	11.4	98	1023	4	10	5	2	1	7	0	0	0	6		3	1	
	18	14.4	86	11.0	98	1020	9	18	5	3	2	0	0	0	0	0		1	1	
6	0	11.8	91	10.8	98	1021	7	14	4	3	1	2						3	0	.
	6	12.5	87	10.5	97	1020	7	12	3	2	1	3	0	0	0	6		2	0	
	12	14.5	93	11.8	97	1020	11	11	3			0	0	0	0	0		1	0	
	18	13.8	88	11.4	98	1019	9	10	4	2	1	0	0	0	0	0		2	0	
7	0	11.8	92	11.3	98	1019	7	14	4		1	0	0	0	0	0		2	0	.
	6	12.7	84	11.0	97	1019	9	11	4	2	1	0	0	0	0	0		1	0	
	12	14.7	87	11.6	97	1019	11	14	4	3	1	0	0	0	0	0		2	0	
	18	15.2	86	12.0	97	1018	9	18	5	3	2	0	0	0	0	0		2	0	
8	0	13.2	92	11.5	97	1019	11	8	3		1	0	0	0	0	0		2	0	.
	6	13.0	93	11.8	97	1018	9	11	4	2	1	0	0	0	0	0		1	0	
	12	16.7	84	12.4	97	1019	9	16	5	3	2	1	0	0	0	1		3	0	
	18	16.0	82	12.2	98	1017	9	23	6*	3	2	1	0	0	0	1		2	0	
9	0	13.5	89	12.2	98	1018	9	15	5	3	2	0	0	0	0	0		1	0	.
	6	13.1	95	12.1	97	1017	9	14	4	2	1	1	0	0	0	1		1	0	
	12	15.7	85	12.2	97	1017	9	18	5	2	1	0	0	0	0	0		2	0	
	18	14.9	91	12.4	97	1015	9	13	4	3	2	1	0	0	0	1		3	0	
10	0	13.2	89	12.4	98	1016	9	14	4		2	0						1	0	.
	6	13.1	96	12.0	97	1015	9	12	3	3	1	0	0	0	0	0		1	0	
	12	16.3	89	12.9	98	1016	29	5	2			1	0	0	0	1		3	0	
	18	16.4	87	13.7	98	1015	18	3	2			2	0	0	0	1		3	0	

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	13.3	87	12.2	98	1015	32	8	3				1					2	0	
	6	13.2	96	11.5	98	1014	29	6	2				0	0	0	0	0	1	0	
	12	16.5	90	12.4	97	1014	27	8	3	2	1	1	1	2	0	0	0	3	0	.
	18	16.1	90	13.2	98	1012	29	16	5	3	2	1	1	2	0	0	0	2	0	.
12	0	12.3	93	12.7	98	1012	29	29	7*	3	3	2						2	0	
	6	12.1	88	12.2	97	1009	29	28	7*	4	5	5	2	3	0	6	1	2		.
	12	14.5	80	12.5	98	1010	34	18	5	3	1	3	3	0	9	0	2	1		.
	18	14.0	60	12.5	98	1011	36	15	4	3	1	5	5	0	8	0	2	1		.
13	0	12.8	91	12.2	98	1011	27	14	4		1	0	0	0	0	0	1	1		.
	6	12.6	92	12.4	98	1011	32	18	5	3	1	0	0	0	0	0	2	0		.
	12	13.5	84	13.6	98	1013	29	17	5	3	1	0	0	0	0	0	2	0		.
	18	15.2	89	13.9	98	1012	29	17	5	2	1	0	0	0	0	0	2	0		.
14	0	12.0	92	13.5	98	1013	29	15	4		1	0	0	0	0	0	2	0		.
	6	12.0	88	13.0	98	1013	29	8	3	2	1	1	0	0	0	1	1	0		.
	12	13.7	83	13.6	98	1014	28	8	3	2	1	3	1	2	0	1	3	0		.
	18	17.1	80	14.5	98	1014	27	6	2			3	1	1	0	2	2	0		.
15	0	14.1	89	14.3	98	1015	18	6	2			2					3	0		.
	6	14.3	87	14.2	98	1015	13	7	3			6	0	0	0	1	3	1		.
	12	15.9	78	14.8	98	1016	11	7	3			5	1	2	9	1	3	1		.
	18	15.9	83	15.0	98	1016	13	17	4	2	1	7	5	8	2		3	2		.
16	0	14.6	80	13.6	98	1016	9	15	4		1	2					1	1		.
	6	14.4	81	13.6	98	1016	11	14	4	2	1	7	4	8	0	5	3	2		.
	12	16.4	82	14.3	98	1017	11	11	4	3	1	8	8	5			2	2		.
	18	16.4	81	14.4	98	1016	11	18	5	3	1	7	7	0	5		2	2		.
17	0	14.0	87	13.8	98	1018	9	9	4		1	2					1	1		.
	6	14.4	81	13.5	98	1018	7	8	3			1	0	0	0	1	2	0		.
	12	19.0	74	14.3	98	1019	13	11	3			0	0	0	0	0	2	0		.
	18	16.3	75	14.7	98	1019	11	9	3	2		1	0	0	0	5	3	0		.
18	0	14.7	83	13.5	98	1020	9	7	3			0	0	0	0	0	2	0		.
	6	15.5	90	13.8	98	1020	9	6	2			0	0	0	0	0	2	0		.
	12	17.8	88	15.5	98	1020	13	7	2			0	0	0	0	0	2	0		.
	18	17.6	70	16.9	98	1020	12	9	3			0	0	0	0	0	2	0		.
19	0	16.3	85	15.0	98	1019	11	7	2			0	0	0	0	0	2	0		.
	6	15.6	89	14.9	98	1020	13	2	1			0	0	0	0	0	2	0		.
	12	17.5	77	16.7	98	1020	13	6	2			0	0	0	0	0	2	0		.
	18	19.1	66	17.8	98	1020	0	0	0			0	0	0	0	0	2	0		.
20	0	17.2	80	16.5	98	1019	0	0	0			0	0	0	0	0	2	0		.
	6	16.2	88	16.1	98	1020	22	5	2			0	0	0	0	0	2	0		.
	12	23.1	72	18.2	98	1021	0	0	0			0	0	0	0	0	2	0		.
	18	22.7	68	17.0	98	1020	27	8	2			0	0	0	0	0	2	0		.

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	17.6	81	18.0	98	1022	32	7	3				0	0	0	0	2	0	
	6	19.5	87	16.7	97	1023	27	7	3				0	0	0	0	2	0	.
	12	19.5	87	17.4	97	1023	27	10	3	2	1	0	0	0	0	0	2	0	
	18	21.8	85	18.2	97	1023	27	9	3	2	1	0	0	0	0	0	2	0	.
22	0	18.6	84	18.3	98	1022	32	11	4		1	0	0	0	0	0	2	0	
	6	18.8	89	17.9	96	1022	34	6	2			0	0	0	0	0	10	0	.
	12	19.9	86	17.6	96	1021	27	5	2			2	0	0	0	2	10	0	
	18	22.5	69	18.6	97	1020	0	0	0			0	0	0	0	0	5	0	.
23	0	19.2	91	18.7	97	1018	0	0	0				8				3	1	
	6	19.5	78	18.6	96	1017	13	7	3	2	1	7	0	0	0	6	10	2	.
	12	19.6	86	18.5	96	1016	13	12	4	2	1	8	8	0	2		10	2	
	18	18.5	88	18.1	96	1015	16	10	3	3	1	8	8	7			92	2	.1
24	0	17.1	94	17.5	96	1015	0	0	0				8				10	2	
	6	17.5	93	16.8	96	1016	27	9	3	2	1	7	0	0	0	7	10	2	2.8
	12	19.5	72	17.7	98	1017	27	5	2	3	1	5	2	3	0	4	1	2	
	18	19.0	74	18.6	98	1015	12	13	4	2	1	6	0	0	0	4	2	2	.
25	0	18.0	91	18.2	97	1015	18	9	3		1	8					61	2	
	6	16.7	93	16.0	97	1015	21	17	5	3	1	8	6	7	2		2	6	1.5
	12	17.6	92	16.0	97	1016	27	15	4	3	2	5	2	8	0	6	1	6	
	18	17.9	76	16.0	98	1019	27	15	4	3	2	2	0	0	0	5	1	1	.0
26	0	15.5	72	15.9	98	1020	29	20	5		3	2					2	0	
	6	14.9	80	16.1	98	1022	27	15	4	3	2	2	2	8	0	0	1	0	.
	12	19.1	72	17.0	98	1023	27	13	4	2	1	6	6	0	3	0	3	2	
	18	19.1	86	17.2	98	1022	27	3	1			2	0	0	0	1	1	1	.
27	0	17.0	84	17.1	98	1021	20	6	2				1				1	0	
	6	17.7	81	16.8	97	1021	14	9	3	1	1	2	2	0	3	0	3	0	.
	12	19.0	78	17.6	98	1020	11	9	3	2	1	1	1	0	8	0	1	0	
	18	19.0	78	17.5	98	1016	9	21	5	3	2	0	0	0	0	0	2	0	.
28	0	17.6	84	17.1	98	1015	11	22	6*	3	2	2					2	0	
	6	17.5	89	17.0	98	1013	14	11	4	3	1	8	8	0	7		3	1	.
	12	19.4	85	17.1	97	1013	11	5	2			5	2	0	3	6	1	2	
	18	19.3	94	18.3	97	1013	31	15	4	2	1	8	8	0	2		3	8	.2
29	0	17.1	92	17.1	97	1012	31	19	5	3	2	8					2	6	
	6	15.1	94	17.0	96	1011	29	20	5	3	2	8	1	3	2		21	6	12.5
	12	17.0	81	16.7	98	1011	27	11	4	2	1	8	4	3	1		21	6	
	18	15.7	86	17.0	98	1010	25	17	4	3	2	8	8	0	2		60	6	1.0
30	0	14.5	91	16.8	98	1009	23	10	3				6				1	6	
	6	14.6	88	16.7	97	1007	25	11	3	2	1	8	4	3	2		21	8	.3
	12	14.4	76	17.0	98	1009	23	17	5	3	2	7	5	3	4		1	8	
	18	15.8	71	16.8	97	1007	18	15	4	3	2	6	1	3	2	0	3	1	4.5

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	13.3	88	16.7	97	1007	20	19	5	3	2	6						2	2	
	6	13.4	90	16.5	97	1005	20	15	5	3	2	7	2	3	2			1	2	.
	12	15.8	80	16.5	98	1003	20	22	6*	3	2	8	2	7	1			3	2	
	18	13.8	85	16.2	97	1001	20	21	5	3	2	8	3	7	2			58	2	.0
2	0	14.1	83	16.1	98	999	25	22	6*	3	2	6						1	2	
	6	13.2	85	15.6	97	999	23	23	6*	3	2	7	7	0	3			1	2	1.5
	12	13.8	84	15.4	98	999	25	20	5	4	3	6	1	3	9	6		25	2	
	18	15.0	77	15.5	98	1000	25	21	5	4	3	5	1	3	9	0		1	8	.8
3	0	12.4	88	15.6	98	1001	23	22	6*	3	3	7						25	2	
	6	12.5	84	15.3	98	1001	23	17	5	3	2	7	7	3				1	2	.0
	12	16.1	83	15.6	98	1002	27	12	4	2	1	3	1	2	9	1		1	1	
	18	15.5	76	15.7	98	1005	27	19	5	3	2	6	1	2	6	2		3	8	.0
4	0	14.6	89	16.0	98	1008	27	22	6*	3	3	5						3	1	
	6	13.7	84	16.0	98	1011	27	21	5	3	2	6	6	3	0	0		2	8	.5
	12	15.7	72	16.0	98	1013	27	18	5	3	2	6	6	9	0	0		3	8	
	18	15.0	76	16.1	98	1015	27	25	6*	3	2	7	5	7	6			3	2	.0
5	0	14.0	90	15.6	98	1016	23	15	4	2	1	8						3	2	
	6	14.0	94	15.5	97	1015	23	21	5	2	1	7	7	6				21	6	.1
	12	16.2	88	15.9	97	1017	25	9	3			8	6	7				3	2	
	18	17.0	86	15.8	98	1017	27	12	3			2	2	4	0	1		1	0	.
6	0	14.2	84	15.5	98	1019	27	19	5	3	2	4						2	0	
	6	13.8	85	15.4	98	1021	27	14	4	2	1	1	1	2	0	0		1	0	.
	12	16.2	64	15.9	98	1021	23	12	4	2		1	0	0	0	2		2	0	
	18	19.7	88	16.4	97	1020	27	5	2			7	7	5				3	1	.
7	0	16.7	94	15.6	97	1019	20	9	3			6						1	2	
	6	17.0	91	16.2	96	1018	23	8	3			8	8	0	1			10	2	.
	12	19.7	91	15.9	96	1017	14	6	2			5	5	5	0	0		10	1	
	18	19.2	92	17.5	97	1014	13	9	3			0	0	0	0	0		1	0	.
8	0	18.6	94	17.1	97	1014	9	7	2			4						2	0	
	6	18.7	94	17.9	96	1014	13	7	3			5	0	0	0	4		10	1	.
	12	19.0	93	18.2	95	1013	11	11	4	2	1	0	0	0	0	0		10	1	.
	18	20.2	83	17.3	96	1009	11	19	5	2	2	6	0	0	0	6		3	1	.
9	0	19.0	86	16.7	97	1008	7	18	5	3	2	6						2	2	
	6	17.7	91	16.2	96	1007	13	15	4	2	1	8	1	7	2			80	1	.0
	12	20.8	84	16.6	97	1008	9	3	1			2	0	0	0	5		1	8	
	18	19.8	90	18.5	97	1008	13	9	3			2	1	3	0	0		3	0	.1
10	0	19.5	90	18.0	98	1008	27	18	5	3	2	4						13	8	
	6	16.7	82	17.6	98	1012	27	24	6*	4	3	6	2	3	3	6		1	8	.9
	12	17.3	77	17.4	98	1016	27	19	5	3	2	3	1	2	3	5		1	1	
	18	17.7	63	17.5	98	1018	27	19	5	3	2	1	1	1	0	0		1	0	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	15.8	82	17.3	98	1019	22	10	3		1	2						2	0	
	6	15.5	84	17.1	98	1016	22	19	5	2	1	8	8	5				21	6	.3
	12	18.5	78	17.0	98	1016	25	19	5	3	1	5	2	2	0	6		2	6	
	18	17.7	72	17.3	98	1017	28	18	5	3	2	3	3	2	0	0		2	1	.0
12	0	15.2	69	16.8	98	1017	27	22	6*	2	2	3						2	0	
	6	14.6	81	16.4	98	1016	25	20	5	3	1	8	8	0	7			3	1	.
	12	14.2	96	16.8	97	1016	27	28	7*	4	2	8	6	5	2			61	2	
	18	16.3	87	16.6	97	1017	27	23	6*	4	2	8	2	4	7			2	6	.2
13	0	15.6	86	16.5	98	1017	27	22	5		1	8						2	2	
	6	16.3	88	16.3	97	1015	25	21	5	3	2	8	3	7	1			2	2	.
	12	19.5	80	16.8	97	1014	25	12	4	2	1	7	7	0	8			2	2	
	18	18.1	85	16.6	97	1010	27	19	5	3	1	8	8	0	7			2	2	.
14	0	15.6	84	16.4	97	1010	27	21	5		2	8						3	2	
	6	15.0	92	15.7	97	1006	25	17	5	3	1	8	8	0	2			21	6	.4
	12	12.8	96	15.4	97	1003	27	13	4	3	1	8	7	7	2			62	6	
	18	12.2	96	15.4	97	998	27	7	3			8	7	7	2			60	6	25.0
15	0	13.1	78	15.5	98	994	29	17	4		1	8						2	6	
	6	12.6	77	15.5	98	993	25	22	6*	3	2	6	3	3	6	0		21	6	2.8
	12	14.2	71	15.0	98	995	29	19	5	3	1	5	5	3				1	8	
	18	15.5	79	15.1	98	999	29	20	5	3	1	7	0	0	0	4		2	8	.3
16	0	15.6	88	15.3	98	1003	29	19	5		1	7						3	2	
	6	13.5	82	15.0	98	1005	32	23	6*	3	1	7	7	8				3	2	.
	12	15.3	82	15.0	98	1009	29	13	4	2	1	7	4	8	7			3	1	
	18	15.5	71	14.8	98	1012	36	19	5	2	1	2	2	0	4	0		1	1	.
17	0	14.0	82	14.8	98	1015	36	11	3			0	0	0	0	0		2	0	
	6	13.7	86	14.6	98	1017	34	11	3	2	1	2	2	0	9	0		3	0	.
	12	18.4	79	14.5	98	1019	29	15	4	2	1	5	2	2	9			3	1	
	18	15.4	77	14.6	98	1019	33	5	3	3	1	3	3	1	0	0		2	1	.
18	0	14.5	87	14.5	98	1019	34	7	2			2						2	0	
	6	13.9	88	15.0	98	1018	32	9	3	2	1	7	7	5				3	1	.
	12	14.6	86	15.0	98	1016	29	8	3	2	1	8	2	7	2			3	1	
	18	15.2	92	15.1	97	1013	27	13	4	4	2	7	3	7	1			1	6	.4
19	0	15.2	88	14.9	98	1011	27	17	4		1	7						2	2	
	6	14.4	94	15.2	97	1007	29	8	3	2	1	8	8	5				2	2	.
	12	17.5	77	15.9	98	1005	0	0	0			6	2	2	8			2	5	
	18	16.2	91	16.3	97	1001	25	15	4			8	8	6				61	2	.0
20	0	15.0	95	15.8	97	999	20	10	3		1	8						60	6	
	6	14.0	84	15.8	98	997	29	17	4	3	1	7	7	3				2	6	1.5
	12	16.0	71	16.0	98	996	27	6	2	2	1	2	1	2	0	4		1	1	
	18	14.2	82	16.4	98	994	2	7	2			8	4	7	2			61	6	2.5

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	10.5	96	15.6	98	996	32	33	7*		3	8					61	6	
	6	12.5	86	15.5	98	999	25	26	6*	4	3	7	3	7	2		3	8	17.0
	12	15.2	75	15.3	98	1004	25	27	7*	4	3	6	2	3	0	6	2	8	
	18	14.0	81	15.4	98	1006	22	25	6*	3	3	7	2	3	6		2	9	1.0
22	0	13.9	85	14.8	98	1009	25	22	6*		2	2					1	1	
	6	13.5	82	15.1	98	1010	25	24	6*	4	2	7	7	0	7		3	1	.0
	12	16.5	70	15.7	98	1012	25	21	5	4	3	3	1	2	2	0	1	6	
	18	15.5	62	15.5	98	1014	27	14	5	3	1	1	1	1	0	0	1	1	.0
23	0	14.0	80	15.2	98	1015	27	19	5		1	1					1	1	
	6	13.6	82	14.8	98	1017	27	15	4	3	1	3	1	2	0	4	1	1	.
	12	18.5	66	15.1	98	1018	22	8	3	3	1	5	2	1	0	1	3	1	
	18	15.7	87	15.0	97	1018	16	8	3			8	5	7	2		60	2	.0
24	0	15.5	85	15.8	98	1017	16	11	3			7					2	6	
	6	15.0	81	15.1	98	1014	18	14	4	2	1	6	6	0	3	0	3	1	.0
	12	18.4	87	15.7	97	1012	25	14	3	2	1	7	7	0	9		2	2	
	18	17.5	91	16.5	96	1010	13	7	2			8	8	0	2		10	2	.
25	0	16.9	93	16.0	97	1006	11	16	4	3	1	7					1	2	
	6	15.2	98	15.0	97	1002	22	19	5	3	2	8	6	7	2		61	6	5.0
	12	19.6	75	15.7	97	1005	25	10	3	3	2	3	3	5			1	1	
	18	17.0	84	15.7	98	1003	20	11	3	2	1	6	5	7	3	0	3	1	.0
26	0	14.0	92	15.6	98	1004	25	20	5		2	8					2	6	
	6	12.8	90	15.8	98	1004	16	10	3			6	3	7	2	6	3	2	.0
	12	15.8	82	15.5	98	1005	11	7	3			7	7	5			1	2	
	18	15.7	89	16.1	98	1007	27	20	6*	3	2	4	2	2	0	2	1	2	.
27	0	13.9	89	15.8	98	1009	27	20	6*	3	2	8					2	6	
	6	13.7	86	16.0	98	1009	25	15	4	3	2	7	7	5			1	6	.0
	12	14.2	86	16.0	98	1012	25	12	4	3	1	7	7	5			2	2	
	18	14.8	82	15.7	99	1014	27	19	5	2	2	7	1	2	7		2	2	.
28	0	14.8	90	15.6	98	1015	20	9	3		1	8					2	2	
	6	15.2	98	15.5	96	1012	18	17	4	2	1	8	8	0	2		58	6	6.2
	12	19.5	82	15.6	97	1012	23	20	5	3	2	5	3	0	2	6	1	6	
	18	17.6	94	16.0	97	1013	29	18	5	3	2	8	8	5			2	2	.4
29	0	17.0	94	16.1	98	1013	18	6	2			0	0	0	0	0	1	1	
	6	17.0	95	16.2	97	1012	20	8	2	2	1	8	8	5			2	2	.
	12	16.2	94	16.2	98	1013	34	8	2	2	1	8	8	5			2	6	
	18	17.2	92	16.1	98	1015	27	8	3			6	5	0	3	9	3	6	2.5
30	0	15.5	96	16.1	98	1018	29	12	2			2					1	0	
	6	15.0	90	15.4	97	1020	29	10	3			8	8	5			3	1	.
	12	18.1	84	16.2	97	1023	23	6	2			3	2	5	0	5	1	1	
	18	20.2	73	17.0	97	1023	13	5	2			0	0	0	0	0	1	1	.
31	0	16.2	92	16.2	97	1024	18	5	2			2					2	0	
	6	17.8	84	16.0	96	1023	18	2	1			0	0	0	0	0	10	0	.
	12	20.5	71	17.5	97	1024	11	7	1			1	1	2	0	0	3	0	
	18	19.3	84	18.2	97	1023	11	10	3			0	0	0	0	0	1	0	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
1	0	17.3	95	17.2	97	1023	13	6	2			0	0	0	0	0	1	0	
	6	17.4	94	17.1	97	1024	9	10	3			0	0	0	0	0	2	0	.
	12	21.3	76	17.6	97	1025	11	10	3			0	0	0	0	0	2	0	
	18	19.2	76	18.0	97	1025	11	7	2			0	0	0	0	0	2	0	.
2	0	16.9	91	18.0	97	1025	9	9	3			0	0	0	0	0	2	0	
	6	17.0	90	17.3	97	1025	9	8	3			2	0	0	0	2	2	0	.
	12	20.2	78	18.3	97	1025	9	10	3	2	1	0	0	0	0	0	2	0	
	18	19.2	82	17.7	97	1022	9	15	4	3	1	0	0	0	0	0	2	0	.
3	0	17.2	94	17.5	97	1022	9	16	4		2	2					3	0	
	6	16.6	87	17.0	98	1022	9	16	4	2	1	1	0	0	0	4	2	0	.
	12	18.2	80	16.8	98	1020	11	18	5	3	2	5	1	2	8	6	3	1	
	18	17.2	93	16.9	98	1020	9	14	5	3	2	8	1	2	0	6	3	2	.
4	0	16.2	93	16.7	98	1018	9	15	4	2	1	8					2	2	
	6	15.5	96	15.5	97	1017	9	8	2	2	1	8	1	2	8	6	2	2	.
	12	19.0	85	15.9	98	1017	25	3	1			3	0	0	0	6	1	1	
	18	17.0	94	16.0	97	1016	13	8	2			6	4	0	7	6	3	1	.
5	0	16.1	97	15.7	97	1016	4	6	3			0	0	0	0	0	1	1	
	6	16.0	96	15.1	97	1016	32	11	3			4	4	5	0	0	3	0	.
	12	18.7	86	14.2	98	1016	27	10	3	2	1	3	3	3	0	0	3	1	
	18	18.7	85	15.4	98	1016	32	5	2	2	1	6	1	2	0	6	1	6	.0
6	0	15.8	97	15.5	98	1016	27	1	1			0	0	0	0	0	2	0	
	6	16.6	88	14.5	97	1016	32	6	2			0	0	0	0	0	1	0	.
	12	18.9	91	15.8	97	1017	27	5	2			1	0	0	0	6	3	0	
	18	18.8	90	15.5	97	1016	27	6	2			7	4	0	9	6	3	2	.
7	0	17.1	96	14.6	98	1016	32	9	2			0	0	0	0	0	1	0	
	6	17.3	90	17.2	97	1015	29	9	3			6	0	0	0	9	3	1	.
	12	16.7	87	17.8	97	1015	28	11	3	2	1	3	0	0	0	6	2	1	
	18	19.5	80	18.8	97	1014	25	5	1			1	0	0	0	1	2	0	.
8	0	17.2	89	17.0	98	1014	32	10	3			0	0	0	0	0	2	0	
	6	15.3	90	17.3	97	1013	36	7	3			6	2	1	0	1	3	1	.
	12	17.1	89	17.5	97	1013	32	8	3	2	1	3	0	0	0	1	1	1	
	18	18.0	86	18.0	98	1012	32	11	4	2	1	7	7	0	2		3	1	.
9	0	16.8	87	17.7	98	1012	0	0	0			0	0	0	0	0	1	1	
	6	16.9	82	17.6	98	1014	36	7	3	2	1	5	5	0	3	0	3	1	.
	12	17.6	80	17.8	97	1015	29	14	4	3	1	3	1	2	0	6	1	1	
	18	19.0	82	17.7	97	1014	29	17	4	2	1	3	3	2	0	0	3	0	.
10	0	17.2	90	18.0	98	1014	27	17	5		1	0	0	0	0		1	0	
	6	16.5	86	18.0	96	1012	25	19	5	3	2	8	8	5			10	1	.
	12	16.2	92	17.1	96	1010	22	24	6*	3	2	8	8	6			61	6	
	18	16.8	92	17.5	97	1007	22	22	6*	4	2	8	6	7	2		61	6	3.0

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	15.0	98	17.0	97	1008	29	15	4		1	8					61	6	
	6	15.5	74	17.2	98	1009	32	18	5	3	1	7	7	5			2	6	7.0
	12	16.0	64	16.5	98	1010	29	26	6*	4	2	7	7	3			2	8	
	18	15.2	76	15.9	98	1011	29	27	6*	4	2	8	8	5			2	2	1.0
12	0	14.4	76	16.4	98	1013	32	26	6*		3	1					1	1	
	6	14.0	72	15.5	98	1014	32	29	7*	3	2	6	6	5	0	0	2	1	.
	12	15.8	68	15.7	98	1017	29	24	6*	4	3	2	2	1	0	0	1	1	.
	18	16.8	83	15.0	98	1018	29	19	5	2	2	1	1	4	0	0	2	0	.
13	0	15.0	88	16.1	98	1019	32	11	3		1	0	0	0	0	0	2	0	
	6	15.3	89	15.3	98	1020	4	3	1		1	0	0	0	5	3	0	.	
	12	19.0	69	15.5	98	1021	11	5	2		3	1	2	0	1	2	0	.	
	18	17.1	76	17.5	98	1018	13	11	4	3	1	1	1	4	0	0	2	0	.
14	0	16.0	85	16.0	98	1018	13	19	5		1	0	0	0	0	0	1	0	
	6	15.9	84	15.9	98	1015	12	13	4	3	1	1	0	0	0	2	2	0	.
	12	17.8	92	16.1	97	1014	13	16	5	3	1	4	0	0	0	6	3	0	.
	18	18.0	90	16.7	96	1015	27	24	6*	3	2	8	8	6			3	6	.3
15	0	15.5	86	16.2	98	1017	32	20	5		2	3					2	1	
	6	14.5	79	16.1	98	1019	29	13	4	2	1	3	2	2	0	6	3	0	.
	12	16.0	73	16.7	98	1020	29	9	3	2	1	2	1	1	0	2	2	0	.
	18	17.8	74	16.6	98	1018	18	5	2			6	2	2	9	2	2	1	.
16	0	15.7	85	16.7	98	1017	18	9	3			1					1	1	
	6	15.6	77	16.4	98	1015	16	18	5	3	1	7	0	0	0	2	3	1	.
	12	17.2	79	16.7	98	1010	16	25	6*	3	2	8	5	5	2		61	2	.
	18	16.1	91	16.4	97	1006	12	22	6*	4	2	8	4	5	7		60	6	.1
17	0	16.4	98	16.2	96	1004	12	10	3		1	8					62	6	
	6	15.5	95	16.5	97	1003	27	18	5	3	1	8	3	5	7		21	6	15.0
	12	17.3	70	16.8	98	1005	26	16	5	3	1	2	2	3	0	0	2	0	.
	18	16.2	80	17.0	98	1007	25	23	6*	3	2	7	5	7	2		3	6	.0
18	0	14.5	85	16.4	97	1009	22	21	5		2	1					1	0	
	6	14.0	90	16.3	97	1008	25	18	5	4	2	8	8	0	7		2	1	.
	12	17.5	78	15.9	97	1009	25	13	4	3	1	7	3	5	2		60	2	.
	18	16.0	81	16.0	98	1010	27	9	3	3	1	2	2	0	7		1	1	.3
19	0	15.0	82	15.9	98	1011	20	7	2			1					2	0	
	6	15.2	81	15.7	97	1012	13	13	4	2	1	6	0	0	0	9	3	1	.
	12	16.5	79	16.2	97	1012	11	16	5	2	1	8	8	0	2		3	2	.
	18	16.5	86	16.0	97	1011	9	21	5	3	2	7	7	0	3		2	2	.
20	0	15.8	82	16.0	98	1012	9	24	6*		2	3					2	1	
	6	16.0	86	16.5	97	1011	9	19	5	4	1	7	0	0	0	6	3	1	.
	12	18.0	77	15.6	97	1011	11	22	6*	3	1	8	8	0	2		3	2	.
	18	16.3	92	15.5	97	1012	9	22	6*	4	2	8	5	5	2		60	2	.6

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	17.0	90	15.5	98	1012	9	17	5		1	8					2	6	
	6	16.2	89	15.7	97	1012	9	22	6*	3	2	7	7	0	3		2	2	.7
	12	18.0	84	16.0	97	1012	9	27	7*	3	2	7	5	0	1	2	1	6	
	18	16.3	91	15.7	98	1012	9	26	6*	3	3	6	4	6	3	0	3	1	.0
22	0	16.2	89	15.5	98	1013	9	23	6*	3	2	3					2	0	
	6	16.4	87	14.8	98	1013	9	24	6*	2	2	1	0	0	0	3	3	0	.
	12	17.6	81	14.8	98	1013	9	19	5	2	1	1	1	1	0	0	3	0	
	18	17.0	84	15.2	98	1013	9	19	5	2	1	0	0	0	0	0	2	0	.
23	0	15.2	93	14.8	98	1014	9	15	4	2	1	0	0	0	0	0	1	0	
	6	15.0	94	14.8	97	1015	9	14	4	3	1	1	0	0	0	1	3	0	.
	12	18.0	82	14.8	98	1016	7	15	4	3	1	3	0	0	0	2	2	0	
	18	17.2	88	14.8	98	1016	7	8	3			4	0	0	0	1	3	1	.
24	0	15.2	96	14.2	98	1016	2	6	3			1					2	0	
	6	15.4	94	14.5	97	1016	5	11	3	2	1	1	0	0	0	9	2	0	.
	12	18.0	87	14.9	97	1017	32	12	4			1	1	2	0	2	3	0	
	18	17.0	92	15.2	98	1017	0	0	0			6	3	2	0	6	2	2	.
25	0	15.2	96	15.5	98	1018	29	3	1			0	0	0	0	0	1	0	
	6	15.8	91	14.7	96	1019	2	7	3			0	0	0	0	0	10	0	.
	12	16.8	92	15.9	97	1021	27	10	3	2	1	6	0	0	0	6	3	1	
	18	17.6	91	16.6	97	1020	27	8	3			0	0	0	0	0	1	0	.
26	0	15.7	94	16.1	98	1021	32	10	4		1	0	0	0	0	0	2	0	
	6	15.7	95	15.4	96	1021	34	6	2			1	1	2	8	0	10	0	.
	12	18.2	77	16.2	98	1023	32	10	3			1	1	1	0	0	1	1	
	18	17.2	90	16.4	97	1022	27	7	2			1	1	1	0	0	2	0	.
27	0	15.5	95	16.2	98	1023	27	6	2			0	0	0	0	0	2	0	
	6	15.3	97	16.0	96	1023	18	4	1			7	7	0	0	6	10	1	.
	12	17.0	88	16.0	97	1022	11	9	3	2	1	6	0	0	0	6	1	2	
	18	16.4	85	16.5	97	1019	29	8	3			0	0	0	0	0	2	0	.
28	0	15.5	91	16.2	98	1020	32	5	2			0	0	0	0	0	2	0	
	6																		.
	12	16.3	85	16.1	97	1018	32	7	3			1	1	1	0	0	2	0	
18	15.7	90	16.7	98	1016	0	0	0			0	0	0	0	0	1	0	.	
29	0	15.4	88	16.5	98	1017	29	8	3			2					3	0	
	6	14.3	92	16.2	97	1017	36	3	1			1	0	0	0	6	2	0	.
	12	16.6	83	16.8	97	1017	9	1	1			0	0	0	0	0	2	0	
	18	17.1	87	17.4	97	1016	11	2	1			0	0	0	0	0	2	0	.
30	0	16.0	96	16.8	97	1016	13	5	2			0	0	0	0	0	2	0	
	6	16.0	94	16.3	96	1017	0	0	0			0	0	0	0	0	10	0	.
	12	19.8	83	17.4	96	1017	11	2	1			0	0	0	0	0	10	0	
	18	18.1	90	17.5	96	1016	18	6	2			0	0	0	0	0	10	1	.
31	0	17.2	90	17.4	97	1017	18	9	3			0	0	0	0	0	2	0	
	6	16.0	92	16.9	96	1016	18	10	3	2	1	5	0	0	0	6	10	1	.
	12	22.5	76	17.0	96	1015	22	12	4	2	1	0	0	0	0	0	10	1	
	18	19.7	86	17.8	96	1013	25	7	2	1		7	3	0	4	6	10	2	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	18.3	84	17.4	97	1012	18	12	3				8					2	2	
	6	16.5	92	17.0	95	1010	23	16	5	2	1	7	3	2	8			10	6	.2
	12	21.4	76	17.0	98	1010	27	14	5	3	2	5	5	3	0	0		1	1	
	18	16.5	72	17.2	98	1011	27	25	6*	3	2	2	2	2	0	0		1	1	1.5
2	0	14.1	90	16.8	98	1013	27	24	6*	3	3	6						2	8	
	6	13.7	89	16.3	98	1013	25	20	5	3	2	2	2	2	0	0		2	0	.0
	12	16.6	83	16.7	98	1015	27	13	4	3	1	3	3	2	0	0		2	0	
	18	16.1	82	16.9	98	1013	22	3	1			7	2	5	7	6		3	1	.
3	0	16.0	82	16.4	98	1012	18	14	4		1	8						2	2	
	6	15.5	78	16.4	97	1008	20	21	5	3	2	8	8	0	2			80	2	.0
	12	18.0	74	16.4	97	1007	22	17	5	2	1	8	8	0	2			1	8	
	18	16.5	87	16.5	97	1007	27	27	6*	4	3	7	2	3	1	6		1	6	.0
4	0	13.9	75	16.0	98	1010	32	26	6*	3	3	1						1	8	
	6	13.0	81	15.9	98	1013	32	24	6*	3	3	7	3	2	8			3	1	.0
	12	14.7	78	15.5	98	1013	25	22	5	3	2	5	2	2	9	0		1	2	
	18	14.0	80	15.6	98	1011	27	23	6*	3	2	8	8	0	7			2	6	.0
5	0	12.6	94	15.4	97	1005	22	29	7*		1	8						60	6	
	6	13.7	83	14.9	98	1006	32	27	6*	3	2	7	7	3				2	6	4.0
	12	15.2	80	15.3	98	1007	27	30	7*	3	2	5	2	2	0	6		25	8	
	18	14.0	81	15.2	98	1006	32	27	7*	3	2	7	7	3				25	8	9.2
6	0	13.0	81	15.1	98	1006	27	30	7*		3	1						1	8	
	6	13.7	77	15.0	98	1008	29	28	7*	3	2	3	1	2	0	1		3	0	9.8
	12	14.9	77	15.3	98	1010	29	30	7*	3	2	5	2	2	9	0		3	8	
	18	14.0	75	15.0	98	1013	29	29	7*	4	2	5	5	3	0	0		3	1	.0
7	0	12.9	84	14.5	98	1016	32	29	7*		2	1						1	0	
	6	13.0	79	14.7	98	1017	32	20	5	3	2	3	3	1	0	0		3	0	.
	12	14.0	65	15.0	98	1019	29	21	5	3	1	5	5	1	0	0		2	1	
	18	14.8	68	15.0	98	1017	29	5	2	2	1	3	0	0	0	1		3	0	.
8	0	13.6	83	15.2	98	1016	16	12	3		1	0	0	0	0	0		2	0	
	6	14.1	81	14.9	98	1010	13	24	6*	3	1	6	0	0	0	5		3	0	.
	12	16.1	83	15.0	98	1004	11	18	4	3	2	6	0	0	0	6		2	2	
	18	17.3	88	15.0	96	1000	18	18	5	3	1	8	8	0	7			10	6	.0
9	0	15.2	88	15.0	98	1000	22	20	5		2	1						2	0	
	6	15.1	91	14.8	97	1002	22	22	6*	4	2	7	7	0	5			2	2	6.5
	12	16.6	80	14.8	97	1004	22	16	5	3	1	8	5	7	2			2	2	
	18	16.6	86	15.0	97	1004	18	13	4			8	8	0	7			2	2	.
10	0	16.5	87	15.0	98	1004	18	14	4		1	8						2	2	
	6	15.1	92	14.8	98	1004	20	7	3			7	7	0	7			2	2	.
	12	16.5	78	15.0	97	1005	22	12	3	2	1	8	5	7	2			60	6	
	18	13.1	91	15.1	97	1005	20	12	3	2	1	8	8	0	7			2	6	6.0

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Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	13.1	86	15.0	97	1006	20	20	5		1	1						1	1	
	6	12.8	83	14.7	97	1006	20	20	5	3	2	7	7	5				3	1	.
	12	14.8	79	14.8	97	1006	20	19	4	3	1	8	8	0	2			2	2	
	18	13.1	92	14.8	97	1006	21	18	5	3	2	8	5	7	2			60	6	.2
12	0	13.2	93	14.9	97	1008	25	23	6*		2	8						2	6	
	6	12.5	89	14.6	97	1007	22	17	4	3	2	8	8	5				3	1	.3
	12	17.4	86	16.6	97	1007	22	15	4	3	1	7	2	2	0	6		2	2	
	18	12.5	90	14.6	97	1006	18	10	3	3	1	6	6	4	0	0		25	9	12.5
13	0	14.8	88	14.6	98	1004	20	17	5		1	8						60	6	
	6	13.2	92	14.5	97	1000	18	21	5	3	2	6	6	3	0	0		2	6	1.5
	12	12.8	87	14.6	97	999	22	36	8**	3	3	8	6	7	2			2	6	
	18	13.1	82	14.5	98	1004	25	28	7*	5	3	6	6	5	0	0		1	6	1.0
14	0	11.0	86	14.5	98	1005	21	19	6*		2	7						2	8	
	6	11.8	95	14.5	97	998	18	29	7*	4	3	8	6	7	2			61	6	4.0
	12	15.5	78	14.2	98	999	25	27	7*	5	2	2	2	2	0	0		1	6	
	18	15.0	85	14.5	98	1005	25	24	6*	4	2	7	7	3				80	2	3.5
15	0	13.5	82	14.4	98	1009	25	15	4		1	7						3	1	
	6	12.8	96	14.2	96	1010	18	11	3	2	1	8	6	7	2			60	2	.2
	12	15.8	90	14.5	97	1009	18	17	4	3	1	5	5	0	3	0		2	6	
	18	16.8	86	14.6	97	1009	20	6	2			6	2	2	3	9		2	2	5.0
16	0	14.9	94	14.6	97	1008	13	6	2		1	7						2	6	
	6	14.6	97	14.6	96	1004	7	7	2			8	6	7	2			29	6	8.0
	12	15.5	88	14.5	98	1005	22	19	5	3	1	7	3	7	2			2	6	
	18	13.0	89	14.5	97	1006	19	18	5	3	1	8	6	7	2			2	2	.4
17	0	11.6	98	14.5	97	1012	29	37	8**		3	8						63	6	
	6	13.0	73	14.2	98	1017	29	27	7*	5	3	7	7	3				2	6	6.8
	12	15.5	76	14.5	98	1021	27	15	4	3	2	2	0	0	0	1		2	1	
	18	13.9	88	14.5	96	1022	25	18	5	3	2	8	6	7	2			61	2	.0
18	0	14.3	93	14.4	98	1024	25	20	5		1	8						2	6	
	6	13.5	93	14.5	97	1025	25	15	4	3	1	8	3	7	2			2	2	.1
	12	13.6	94	14.3	96	1026	27	16	4	3	1	8	8	6				10	2	
	18	14.6	94	14.3	97	1025	25	12	3	2	1	3	0	0	0	1		1	2	.
19	0	14.0	97	14.2	96	1025	27	11	3			0	0	0	0	0		10	0	
	6	13.4	95	14.2	97	1024	25	12	4	2	1	5	5	6				3	1	.
	12	15.7	83	14.4	97	1025	27	14	4	3	1	8	8	0	0	2		3	2	
	18	14.4	97	14.5	97	1025	25	4	1			7	7	0	3	0		1	2	.
20	0	14.1	98	14.1	96	1025	32	7	2			7						10	2	
	6	12.8	96	14.4	97	1026	2	5	2			7	5	6	0	6		3	2	.
	12	17.3	78	14.5	97	1025	0	0	0			8	4	5	1			2	2	
	18	13.8	95	14.5	97	1024	0	0	0			3	3	5				1	1	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	14.4	96	14.5	96	1021	23	12	4	2	1	8					10	2	
	6	14.9	97	14.4	96	1017	27	24	6*	3	2	8	6	7	2		51	2	.
	12	13.8	83	14.4	98	1020	34	24	6*	4	3	6	4	3	0	2	1	2	
	18	14.0	79	14.3	98	1022	36	8	3	1		2	2	4	4	0	3	0	.
22	0	12.6	91	14.3	98	1024	36	11	4		1	1					2	0	
	6	12.2	92	14.3	98	1025	36	7	2			1	1	2	0	0	2	0	.
	12	13.1	81	14.3	98	1026	29	8	3			2	1	2	0	6	2	0	
	18	12.7	82	14.4	98	1025	29	6	2			2	1	2	0	6	1	0	.
23	0	10.7	80	14.2	98	1025	2	7	3			0	0	0	0	0	2	0	
	6	11.4	82	14.1	98	1024	2	7	2			0	0	0	0	0	2	0	.
	12	12.5	76	14.2	98	1025	36	12	4	2	1	1	1	2	0	0	1	0	
	18	11.8	82	14.3	98	1025	2	15	4	2	1	1	1	2	0	0	2	0	.
24	0	11.4	78	13.5	98	1026	34	7	2			0	0	0	0	0	2	0	
	6	11.6	76	13.4	98	1024	32	11	3			6	1	2	5		3	1	.
	12	12.0	79	13.3	98	1023	32	10	3	2	1	8	8	5			3	2	
	18	12.5	96	13.5	98	1020	29	21	5	3	2	7					3	1	.
25	0	12.9	96	13.5	98	1018	29	20	6*	3	3	8					2	6	
	6	12.2	87	13.8	98	1017	2	9	3	2	1	8	8	5			2	2	.4
	12	12.8	71	13.6	98	1019	36	3	1	2	1	5	0	0	0	6	1	6	
	18	12.0	71	13.7	98	1021	2	14	4	2	1	8	6	6	2		3	2	.1
26	0	9.9	83	13.3	98	1022	2	8	3			3					1	6	
	6	9.1	78	13.2	98	1023	4	9	4			1	1	2	5	0	3	0	.1
	12	10.9	82	13.4	98	1025	11	12	4	2	1	5	5	5	0	0	3	1	
	18	10.0	77	13.4	98	1026	9	14	4	2	1	0	0	0	0	0	1	0	.
27	0	9.8	79	14.4	98	1027	14	16	4	2	1	0	0	0	0	0	1	0	
	6	10.2	86	13.0	98	1028	16	11	3	2	1	0	0	0	0	0	2	0	.
	12	12.0	70	13.5	98	1029	13	11	3	3	1	1	0	0	0	2	2	0	
	18	11.6	78	13.5	98	1030	11	18	5	2	1	7	7	0	2		3	2	.
28	0	11.6	78	13.4	98	1034	13	19	5		2	0	0	0	0	0	1	0	
	6	10.7	74	13.2	98	1035	13	19	5	3	2	2	2	0	3	0	3	0	.
	12	12.5	71	13.6	98	1037	13	16	4	3	2	1	0	0	0	1	2	0	
	18	11.9	80	13.4	98	1035	13	21	5	3	2	1					3	0	.
29	0	11.3	73	13.4	98	1034	16	15	4	3	1	0	0	0	0	0	2	0	
	6	9.7	84	13.3	98	1032	16	13	4	3	1	1	0	0	0	1	3	0	.
	12	13.6	73	13.4	98	1028	16	16	5	3	2	1	0	0	0	1	2	0	
	18	13.6	83	13.4	97	1024	13	15	4	2	1	6	6	0	7	6	3	1	.
30	0	12.2	81	13.3	97	1019	13	16	5	3	2	6					3	1	
	6	10.4	99	13.5	96	1013	20	17	5	2	1	8	6	6	2		58	2	.6
	12	14.3	94	13.2	97	1010	25	13	4	2	1	7	7	0	3		1	4	
	18	11.9	94	13.4	97	1006	22	12	3		2	8					61	2	1.0

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _H	C _L	C _M	C _H	ww	W	R		
1	0	12.0	96	13.3	97	1001	23	19	5	3	2	8						63	6		
	6	11.2	97	12.6	98	1000	27	19	5	3	2	6	3	3	0	6		1	8	2.4	
	12	12.8	86	13.0	98	1003	32	18	5	3	2	6	3	3	0	2		3	2		
	18	11.2	89	13.0	98	1005	31	17	5	3	2	3	3	3	0	0		1	8	2.0	
2	0	11.2	91	13.0	98	1003	25	18	5		2	2							3	0	
	6	10.2	95	12.6	96	992	18	28	7*	3	2	8	6	7	2				62	6	1.4
	12	9.4	98	13.1	97	988	29	30	7*	4	2	7	4	3	6				81	8	
	18	10.8	87	13.0	98	990	29	22	6*		2	3							1	8	4.0
3	0	9.8	87	12.3	98	990	22	26	6*		2	8							3	1	
	6	8.0	96	12.5	97	987	20	21	5	3	2	8	5	7	1				60	6	6.0
	12	10.7	89	12.9	98	991	4	23	6*	3	2	7	7	2					25	8	
	18	10.4	85	12.6	98	997	36	13	4	2	1	4							1	2	5.0
4	0	11.3	89	12.6	98	1002	36	22	6*		1	8							2	6	
	6	11.0	90	12.4	98	1007	32	22	6*	3	2	8	3	7	1				61	2	.9
	12	11.5	89	12.2	98	1009	32	17	5	2	1	4	3	0	9	5			3	6	
	18	11.0	88	12.4	98	1010	32	11	4		1	8							25	2	.0
5	0	9.5	96	12.4	98	1008	22	14	4		1	8							60	6	
	6	12.8	98	12.4	97	1003	25	20	5	3	2	8	8	7					61	6	8.5
	12	13.0	96	12.5	96	1004	20	20	5	3	2	8	8	7					60	6	
	18	12.8	97	12.5	97	1006	22	16	5		1	8							51	6	1.0
6	0	12.7	96	12.6	96	1006	22	17	5		1	8							51	5	
	6	12.7	96	12.6	96	1004	20	18	5	3	1	8	8	0	2				10	5	.3
	12	14.5	85	12.7	97	1005	20	17	5	3	1	8	8	0	2				2	2	
	18	14.0	95	12.8	97	1004	17	11	4		1	7							1	2	.
7	0	14.0	91	12.6	97	1004	20	12	4		1	7							1	6	
	6	12.7	96	12.7	96	1005	13	3	1			8	8	0	2				10	1	1.6
	12	14.0	88	12.7	98	1006	0	0	0			8	8	5					2	6	
	18	12.5	94	12.7	96	1007	20	5	2			8							60	6	2.1
8	0	13.0	94	12.8	97	1009	22	7	2			8							2	6	
	6	12.0	94	12.9	97	1011	25	7	2			8	6	7	7				10	2	.
	12	12.8	88	12.7	95	1016	0	0	0			8	8	6					61	2	
	18	12.2	93	12.7	97	1018	25	8	3			8							21	6	.6
9	0	12.3	94	12.6	97	1020	29	9	3			8							3	2	
	6	11.1	94	12.6	97	1023	36	6	2			7	5	8	7				2	2	.
	12	10.7	95	12.8	95	1026	32	4	2			8	8	6					10	2	.
	18	10.0	94	12.8	97	1025	0	0	0			3							1	1	.
10	0	10.4	95	12.6	97	1024	11	9	3			8							10	1	
	6	11.7	92	12.5	96	1022	11	10	3	2		8							10	1	.
	12	13.0	94	12.6	95	1023	0	0	0			8	8	6					10	2	.
	18	11.6	93	12.7	97	1025	27	3	1			8							2	2	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
11	0	11.0	94	12.5	96	1027	27	7	3				8				10	2		
	6	11.2	92	12.5	97	1031	36	3	1				8	8	6		2	2	.	
	12	14.0	90	12.6	97	1032	7	6	2				0	0	0	0	1	1		
	18	11.8	92	12.5	97	1032	13	7	3				3				3	1	.	
12	0	11.1	93	12.4	97	1032	11	14	4				1	4				1	2	
	6	10.4	96	12.4	96	1033	11	15	4	2	1	8	8	6			10	2	.	
	12	10.0	89	12.4	97	1033	13	14	4	3	1	8	8	6			10	2		
	18	11.1	91	12.4	97	1032	13	14	4				1	1			1	1	.	
13	0	10.8	86	12.4	97	1030	13	18	5			1	2					3	0	
	6	9.0	94	12.4	96	1028	13	7	3				8	8	6			10	1	.
	12	11.0	88	12.4	95	1028	0	0	0				8	8	6			10	2	
	18	10.1	89	12.4	97	1027	11	4	2				8					61	2	.0
14	0	9.8	94	12.1	97	1028	7	9	3				1	8				2	6	
	6	10.2	93	12.2	98	1028	7	17	5	3	1	8	5	7	1			2	2	1.5
	12	11.4	84	12.2	98	1031	9	14	4	2	1	2	1	1	0	2		1	1	
	18	10.1	77	12.1	98	1032	9	17	5				1	6				3	1	.
15	0	9.3	90	12.1	98	1033	9	8	3				8					2	2	
	6	9.5	88	12.1	98	1032	11	3	1				8	8	5			2	2	.
	12	13.0	81	12.0	98	1033	32	5	2				7	5	8	6		2	2	
	18	11.5	81	12.0	98	1032	32	11	4				1	8				3	2	.
16	0	11.2	92	12.0	97	1032	34	10	3				1	8				2	2	
	6	11.6	93	11.8	97	1031	32	11	3	2	1	7	7	5				1	2	.
	12	11.9	88	11.8	97	1032	31	12	4	2	1	6	6	5	0	0		1	2	
	18	12.2	91	11.8	98	1031	29	12	4	2	1	8						3	1	.
17	0	11.2	92	11.7	98	1031	31	14	4	3	2	3						1	1	
	6	11.3	87	11.7	98	1029	27	10	3	2	1	7	7	0	5	0		3	1	.
	12	13.4	75	11.8	97	1028	25	13	4	3	2	0	0	0	0	0		2	0	
	18	11.8	93	11.7	98	1026	23	9	3				1					2	0	.
18	0	11.0	93	11.6	97	1022	18	16	5	3	2	8						3	1	
	6	10.5	92	11.6	97	1018	23	21	6*	3	2	6	4	0	7	5		3	1	.
	12	11.1	92	11.8	95	1015	23	23	6*	3	3	8	8	6				10	2	
	18	12.0	89	11.8	98	1011	27	20	5	3	3	5						1	6	.0
19	0	10.9	93	11.9	97	1005	25	35	8**	3	3	8						2	2	
	6	11.5	93	12.0	96	994	25	38	8**	3	3	8						61	6	.0
	12	11.3	86	12.1	97	990	27	38	8**	3	4	6	6	3	0	0		16	8	
	18	8.7	90	11.9	98	990	27	33	7*	4	4	3						25	8	1.5
20	0	7.9	90	11.7	98	991	27	32	7*	3	3	4						1	2	
	6	8.0	91	11.7	98	990	25	25	6*	3	2	4	2	3	7	6		1	2	.
	12	9.3	93	11.7	98	990	25	25	6*	3	2	7	7	5	0	0		1	2	
	18	8.9	88	11.8	98	991	25	24	6*	2	2	6						2	2	.0

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	7.5	91	11.5	98	994	23	14	4				8					2	2	
	6	8.7	95	11.4	98	995	27	9	3				7	7	0	7		2	6	.8
	12	10.0	89	11.5	98	1002	36	11	3			1	1	1	2	0	0	1	1	
	18	10.1	83	11.5	98	1006	34	20	5	2	2	2						2	0	.
22	0	9.4	80	11.2	98	1007	34	24	6*	2	2	2						3	0	
	6	7.9	82	10.9	98	1011	34	21	5	2	2	8						81	8	1.7
	12	8.9	73	10.7	98	1014	34	23	6*	3	2	6	4	2	3	0		2	8	
	18	8.2	81	10.6	98	1014	32	14	4	3	1	2						1	0	6.4
23	0	6.6	89	10.5	98	1016	4	17	5	3	2	2						1	8	
	6	4.7	87	10.6	98	1020	2	20	5	3	2	4	4	3	0	0		3	0	.9
	12	6.1	79	10.6	98	1025	2	14	4	3	2	1	1	4	0	0		2	0	
	18	6.0	86	10.5	98	1027	36	5	2			1						1	0	.
24	0	6.2	88	10.1	98	1028	27	4	2			6						3	1	
	6	6.9	85	10.5	97	1025	22	15	4	3	2	8						3	1	.
	12	8.4	90	10.9	96	1021	25	24	6*	4	3	8	6	7	2			60	6	
	18	10.9	95	11.0	96	1018	27	21	5		3	8						10	6	1.6
25	0	10.9	95	10.8	97	1018	27	14	4		2	8						60	2	
	6	11.2	98	10.9	97	1014	25	17	5		2	8						2	6	1.8
	12	11.5	94	10.8	96	1012	25	19	5	4	3	7	7	5				10	6	
	18	10.9	98	10.6	97	1008	25	27	7*		3	8						60	6	2.0
26	0	11.0	93	10.9	98	1004	25	34	8**		5	8						2	6	
	6	10.5	91	11.1	98	1006	27	23	6*	3	3	7						2	2	1.5
	12	8.5	85	11.0	97	1007	27	27	7*	4	3	8	6	7	2			60	2	
	18	8.0	90	11.0	97	1007	27	31	7*	3	3	6						60	6	3.5
27	0	7.8	86	11.0	98	1010	27	32	7*		4	3						3	0	
	6	7.5	88	10.6	98	1014	32	19	5	3	2	7						2	2	.
	12	8.0	74	10.6	98	1019	29	26	6*	4	3	2	0	0	0	2		3	0	
	18	8.5	62	10.6	98	1023	29	19	5		2	2						1	1	.
28	0	7.5	84	10.5	98	1022	22	12	4		2	2						2	0	
	6	6.5	97	10.4	97	1015	18	22	6*		2	8						60	2	.3
	12	9.8	98	10.4	97	1005	22	25	7*	3	3	8	6	7	2			60	6	
	18	9.1	76	10.4	98	1007	29	37	8**		5	5						1	2	.7
29	0	8.3	84	10.3	98	1006	29	42	9**		6	8						2	2	
	6	6.2	85	10.2	98	1014	34	28	7*		6	2						1	0	.
	12	9.4	84	10.2	98	1021	0	0	0			5	5	5				1	1	
	18	7.8	92	10.0	98	1020	22	14	4		1	7						2	2	.
30	0	8.7	96	10.3	96	1014	20	20	6*		3	8						60	6	
	6	11.0	94	10.3	96	1010	22	24	6*		2	8						61	6	1.5
	12	11.4	93	10.2	97	1007	29	27	6*	4	3	8	8	5				2	6	
	18	11.4	97	10.3	96	1002	25	37	8**		3	8						60	6	1.0
31	0	10.0	94	10.1	98	1001	25	32	7*		3	8						60	6	
	6	10.5	89	10.1	98	1004	27	24	6*		3	8						2	6	3.0
	12	11.9	82	10.2	97	1009	27	16	5	3	2	5	5	5	0	0		1	2	
	18	10.6	87	10.2	98	1010	26	11	4		2	8						2	2	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	10.1	96	10.0	96	1003	20	27	6*		3	8						10	6	
	6	11.8	93	10.1	97	999	25	30	7*		3	8						21	6	4.5
	12	11.0	90	10.2	97	999	27	44	9**	5	4	7	4	7	6			61	6	
	18	10.3	82	10.0	98	1001	27	48	9**		5	7						2	8	.2
2	0	9.4	98	10.0	97	1006	27	30	7*		5	8						60	2	
	6	8.4	81	10.0	98	1009	32	24	6*		3	4						3	6	.9
	12	7.4	70	10.2	98	1012	4	5	2	2	1	8	8	0	7			2	2	
	18	7.0	87	10.0	98	1013	13	6	2			8						2	2	.
3	0	6.9	95	9.8	98	1011	11	18	5		3	8						21	6	
	6	10.6	94	9.7	97	1003	20	10	4		2	8						60	6	1.0
	12	9.0	96	9.9	97	996	22	22	6*	3	2	8	6	7	7			60	6	
	18	8.2	97	9.8	97	996	27	27	6*		2	8						80	6	17.2
4	0	8.5	94	9.8	98	994	25	20	5		2	8						2	6	
	6	9.8	92	9.8	98	1005	29	24	6*		3	6						1	2	15.0
	12	9.5	88	9.8	98	1009	27	27	6*	5	2	5	5	0	9	0		25	8	
	18	9.0	88	9.9	98	1012	29	26	6*		2	1						1	8	1.5
5	0	9.2	91	9.9	98	1010	25	22	6*		2	8						3	0	
	6	8.2	97	9.9	97	1001	25	31	8**		2	8						61	2	1.0
	12	8.5	75	9.8	98	1001	29	29	7*	4	3	5	3	3	9	0		1	8	
	18	9.0	76	9.8	98	1002	27	29	7*		3	6						80	8	1.5
6	0	5.5	78	9.5	98	1008	36	23	6*		2	8						2	8	
	6	4.9	86	9.5	98	1015	36	16	5		1	4						1	2	.7
	12	4.2	75	9.5	98	1019	4	11	3	3	1	7	2	2	0	2		3	1	
	18	2.0	79	9.3	98	1021	4	16	4		1	8						2	2	.
7	0	1.6	74	9.0	98	1021	7	12	4		1	0	0	0	0	0		1	1	
	6	2.0	72	9.0	98	1021	7	11	3		1	1						2	0	.
	12	5.4	56	9.0	98	1022	22	6	2			0	0	0	0	0		1	0	
	18	3.4	70	8.7	98	1021	27	11	3			0	0	0	0	0		1	0	.
8	0	4.8	85	8.7	98	1021	29	21	5		2	7						2	8	
	6	4.7	83	8.8	98	1021	29	9	3		1	5						1	8	.4
	12	2.0	95	8.5	96	1019	22	16	5	3	2	8	6	7	2			10	2	
	18	2.6	86	8.5	97	1010	20	27	6*		2	8						2	2	.
9	0	3.2	94	8.5	96	999	20	39	9**		4	8						23	7	
	6	7.8	77	8.5	98	995	26	33	7*		3	3						1	6	3.0
	12	5.5	93	8.5	98	993	27	29	7*	4	3	7	4	9	7	6		25	8	
	18	7.5	96	8.5	98	989	25	31	7*		3	8						60	8	3.2
10	0	5.4	85	8.5	98	994	34	30	7*		3	8						2	6	
	6	3.5	85	8.5	98	1004	34	26	6*		3	8						2	2	.2
	12	3.3	69	8.5	98	1011	34	20	5	3	2	1	1	1	0	0		1	1	
	18	2.9	60	8.5	98	1014	34	13	4		2	0	0	0	0	0		2	0	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _W	V	P	D	v	F	P _W	H _W	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	2.8	64	8.3	98	1015	18	7	3			8					3	1	
	6	5.0	90	8.1	97	1011	20	18	5		1	8					2	2	.
	12																		
	18	10.0	94	8.0	97	1000	27	25	6*		2	8					2	6	.0
12	0	8.8	96	8.0	97	1002	22	9	3		2	8					61	6	
	6	10.5	93	8.5	97	999	22	24	6*		2	8					2	6	.0
	12	11.0	93	8.6	97	998	25	23	6*	4	2	8	6	7	2		2	6	
	18	9.0	91	8.5	97	997	27	18	5		2	8					61	6	.5
13	0	7.5	95	8.5	98	1000	27	11	4		1	8					21	6	
	6	7.3	80	8.5	98	1000	25	21	5		1	8					2	6	5.0
	12	7.5	88	8.5	97	1003	25	27	7*	4	3	8	6	7	2		61	2	
	18	7.2	87	8.5	98	1007	23	11	4	3	2	3					1	8	.0
14	0	5.4	92	8.2	97	1007	20	15	4		2	2					2	0	
	6	5.0	94	8.1	97	1004	20	14	4	2	1	1					3	0	.
	12	7.6	85	8.1	97	1002	16	20	5	3	2	7	0	0	0	6	3	1	
	18	7.3	88	8.1	97	999	13	15	4		1	8					3	2	.
15	0	5.7	87	8.2	97	998	23	9	3			7					1	2	
	6	5.2	94	8.0	97	998	20	10	3		1	7					3	2	.
	12	5.5	96	8.3	95	999	18	6	2	2	1	6	6	5			10	4	
	18	6.2	94	7.6	97	1001	16	14	4	2	1	7					2	2	.
16	0	5.2	96	8.0	96	1002	16	10	3		1	8					10	2	
	6	5.0	97	7.9	96	1004	13	7	3			8					10	2	.
	12	5.4	92	7.9	96	1006	16	8	3			7	7	5			10	2	
	18	5.0	93	7.6	96	1007	20	10	3		1	8					10	2	.
17	0	5.8	89	7.4	97	1006	23	17	5	2	1	8					2	2	
	6	4.0	91	7.1	97	1005	20	12	4		1	1					1	1	.
	12	6.4	94	7.0	97	1006	18	12	4	2	1	5	0	0	0	2	2	2	
	18	5.1	87	7.5	97	1006	16	18	5	2	2	8					2	2	.
18	0	5.6	94	7.4	97	1004	16	18	5		2	8					2	2	
	6	5.6	89	7.7	97	998	13	29	6*	3	2	7					61	2	.0
	12	7.5	96	7.5	96	995	16	25	6*	4	2	8	3	7	2		10	6	
	18	9.0	91	7.4	97	997	18	17	5		2	7					2	6	4.0
19	0	8.5	97	7.3	97	994	13	20	5	3	2	8					3	2	
	6	10.1	93	7.5	97	991	13	24	6*	3	2	8					61	6	.0
	12	11.3	90	7.4	97	991	16	26	6*	4	3	5	5	6			1	6	
	18	10.9	91	7.5	97	994	18	22	6*	3	2	8					3	2	.3
20	0	9.7	86	7.5	98	1000	22	22	5	2	1	6					2	2	
	6	7.8	94	7.4	98	1004	22	23	6*	3	2	8					25	2	.0
	12	9.0	91	7.0	97	1008	22	14	4	3	2	0	0	0	0	0	1	0	
	18	7.2	95	7.1	97	1010	18	14	4		1	2					3	0	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
21	0	7.5	92	7.3	97	1007	13	21	5	3	2	5					3	1	
	6	7.2	92	7.5	97	1003	13	26	6*		3	8					21	2	.1
	12	7.7	93	7.2	96	1005	16	17	4	3	2	8	8	5			10	6	
	18	7.3	96	7.1	96	1008	18	11	3	2	1	8					10	2	.0
22	0	8.0	97	7.2	96	1011	18	4	2			8					10	2	
	6	6.0	99	7.0	91	1013	4	7	2								47	4	.
	12	6.8	99	7.1	95	1014	2	7	3			8	8	6			21	4	
	18	6.5	93	7.4	97	1017	2	8	2		1	8					2	2	.3
23	0	6.4	96	7.2	97	1018	36	8	3			8					2	2	
	6	5.1	98	7.2	95	1021	27	8	3			8					20	2	.
	12	6.1	92	7.2	97	1024	27	11	3	3	1	8	8	5			2	2	
	18	5.5	89	7.3	96	1024	16	17	5	2	1	8					10	2	.0
24	0	5.1	94	7.1	97	1021	16	24	6*		2	8					2	2	
	6	6.0	88	7.0	97	1020	20	17	5	3	2	8					2	2	.
	12	6.8	89	7.2	96	1020	18	16	4	2	1	7	3	0	7	8	10	2	
	18	6.5	86	7.5	96	1020	18	16	4		2	4					10	2	.
25	0	6.2	92	7.1	96	1019	18	17	5	2	2	2					10	1	
	6	6.4	86	7.1	96	1019	16	13	3	2	1	2					10	0	.
	12	7.8	92	7.0	96	1020	16	13	3		1	3	0	0	0	2	10	0	
	18	6.8	89	7.0	97	1020	20	13	4	2	1	2					1	1	.
26	0	7.1	89	6.8	96	1021	20	11	4		1	5					10	1	
	6	6.9	99	6.8	93	1022	23	15	4	2	1						47	1	.
	12	7.8	97	7.0	92	1025	23	23	6*	3	2						45	4	
	18	7.7	99	6.9	93	1028	32	20	5	3	2						47	4	.
27	0	8.1	99	6.9	95	1029	27	11	3			8					51	4	
	6	7.5	93	6.9	98	1028	32	15	4		1	8					2	5	.
	12	7.4	91	7.0	98	1029	32	15	4	3	2	7	7	5			2	2	
	18	7.6	82	6.8	98	1027	29	15	4		2	8					2	2	.
28	0	6.2	82	6.7	98	1025	29	13	4		1	8					2	2	
	6	5.1	93	6.8	97	1021	22	11	3		1	8					2	2	.
	12	3.9	95	6.8	93	1018	25	9	3	2	1						45	4	
	18	5.1	98	6.8	91	1011	18	20	5		1						45	4	.
29	0	5.9	92	6.7	97	1007	18	19	4		1	8					2	4	
	6	7.1	91	6.8	96	1004	22	19	5		1	8					10	2	.
	12	7.4	97	6.8	94	1004	25	15	4	3	1	8	7	7	2		60	2	
	18	7.3	97	6.8	95	1003	10	5	2		1	8					61	6	.5
30	0	7.5	97	6.8	96	1002	11	26	6*		2	8					61	6	
	6	6.2	94	6.8	97	1001	11	25	6*		2	8					21	6	26.0
	12	8.6	97	6.8	97	1003	17	9	3			8	8	5			21	6	
	18	7.8	96	6.8	97	1004	20	3	1			8					2	6	1.8

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Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
1	0	7.8	96	6.8	97	1005	18	11	3		1	8						2	6	
	6	7.5	96	6.8	97	1005	18	8	3		1	8						3	8	.4
	12	7.2	96	7.0	96	1005	18	10	3	2	1	8	8	5				60	2	
	18	7.3	97	6.8	95	1005	18	10	3		1	8						60	6	1.3
2	0	7.2	97	6.8	96	1006	25	14	4		1	8						10	6	
	6	7.1	96	6.8	97	1007	22	18	5		1	8						2	2	.3
	12	7.4	95	6.9	98	1009	25	24	6*	4	2	7	3	5	2	2		3	2	
	18	7.9	95	6.8	98	1008	27	24	6*		3	8						2	2	.
3	0	7.2	96	6.8	97	1004	22	23	6*		2	8						60	6	
	6	7.5	99	6.8	96	996	22	15	4		1	8						61	6	2.0
	12	8.1	96	6.8	97	997	2	25	6*	3	2	8	6	7	2			60	7	
	18	4.5	91	6.6	98	1009	36	22	6*		2	0	0	0	0	0		1	7	12.0
4	0	5.3	83	6.5	98	1016	32	19	5		2	0	0	0	0	0		2	0	
	6	5.2	90	6.3	98	1021	32	8	2		1	0	0	0	0	0		2	0	.
	12	6.4	93	6.3	97	1021	22	11	4	2	1	5	4	0	9	4		2	1	
	18	4.8	91	6.2	97	1017	16	22	6*		1	7						3	2	.
5	0	4.7	94	6.2	96	1012	18	23	6*		2	8						61	6	
	6	6.8	95	6.3	97	1012	29	14	4		1	0	0	0	0	0		1	6	14.0
	12	6.9	92	6.3	97	1014	25	18	5	3	1	7	6	7	2			1	6	
	18	7.1	95	6.2	98	1017	29	20	5		1	5						1	2	.3
6	0	7.4	92	6.3	98	1020	27	21	5		1	0	0	0	0	0		2	0	
	6	7.0	93	6.3	97	1017	27	23	6*		2	8						2	2	.
	12	7.2	96	6.7	97	1013	22	21	5	3	2	8	8	0	2			2	2	
	18	7.5	87	6.6	97	1008	22	22	6*		2	8						2	6	.0
7	0	6.7	88	6.8	98	1009	22	23	6*		2	8						60	6	
	6	6.5	88	6.7	98	1011	27	25	6*		2	1						1	6	.8
	12	7.0	89	6.7	97	1012	25	25	6*	3	2	8	6	7	2			61	1	
	18	6.5	90	6.6	98	1018	34	22	6*		2	8						2	6	.5
8	0	5.2	70	6.0	98	1026	2	21	5		2	4						1	2	
	6	4.8	83	6.5	98	1031	36	16	5		2	0	0	0	0	0		2	0	.
	12	6.5	81	6.5	98	1033	32	20	5	3	1	6	5	0	5	1		1	2	
	18	6.5	84	6.3	98	1034	29	24	6*		2	5						1	2	.
9	0	6.8	85	6.3	98	1034	32	21	5		1	8						2	2	
	6	7.5	90	6.5	98	1033	27	21	5		1	8						2	2	.
	12	7.4	87	6.5	98	1034	32	17	5	3	2	0	0	0	0	0		1	1	
	18	7.1	89	6.5	98	1035	29	15	4		1	0	0	0	0	0		2	0	.
10	0	7.2	93	6.3	98	1035	29	17	5		1	8						2	1	
	6	7.6	92	6.6	98	1034	32	16	5		1	8						2	2	.
	12	7.2	95	6.5	97	1035	29	15	5	2	1	8	8	5				2	2	
	18	7.8	96	6.5	98	1035	36	7	3		1	8						2	2	.

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FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R
11	0	7.6	92	6.4	98	1035	29	9	3		1	8					2	2	
	6	6.6	96	6.4	98	1034	29	12	4		1	8					2	2	.
	12	7.0	88	6.5	98	1033	28	11	3			8	8	6			2	2	
	18	6.8	87	6.5	98	1032	27	9	3		1	8					2	2	.
12	0	6.2	89	6.4	98	1031	23	10	3			8					2	2	
	6	5.5	91	6.3	97	1029	18	9	3			8					2	2	.
	12	5.7	93	6.5	96	1028	18	9	2	2	1	8	8	6			10	2	
	18	4.6	91	6.3	97	1026	20	11	3			8					2	2	.
13	0	4.0	88	6.0	96	1026	18	9	3	2	1	7					10	2	
	6	4.2	97	6.2	96	1025	25	16	4	2	1						28	4	.
	12	5.2	97	6.2	95	1026	22	19	5	2	2	8	8	6			10	2	
	18	6.3	93	6.4	96	1024	24	19	5		2	8					10	2	.
14	0	7.0	87	6.3	98	1023	27	22	6*	3	2	8					2	2	
	6	6.6	82	6.0	98	1021	29	23	6*	3	3	7					2	2	.
	12	5.7	82	6.1	98	1020	32	23	6*	4	3	6	4	8	6	0	25	8	
	18	5.5	82	6.3	98	1021	34	21	5	3	3	4					1	8	1.3
15	0	4.8	88	6.0	98	1025	36	17	4		2	8					25	8	
	6	5.1	81	6.0	98	1028	36	18	5	3	2	0	0	0	0	0	2	0	1.4
	12	7.4	92	6.0	98	1031	32	11	3			0	0	0	0	0	2	0	
	18	5.1	87	5.6	98	1033	32	11	3	2	1	0	0	0	0	0	1	0	.
16	0	5.0	94	5.5	98	1034	36	10	3		1	0	0	0	0	0	2	0	
	6	5.7	87	5.1	97	1034	20	6	2	2	1	7					2	2	.
	12	5.7	86	5.6	97	1034	25	16	4	3	2	8	8	6			2	8	
	18	5.1	94	5.6	97	1033	27	16	4	2	1	8					2	2	.0
17	0	5.3	90	5.6	97	1031	25	20	5		2	8					2	6	
	6	4.5	82	5.7	97	1029	25	20	5	3	3	1					1	2	.0
	12	3.7	79	5.8	97	1025	20	18	5	3	2	5	4	5	0	6	3	1	
	18	2.5	97	5.6	96	1021	22	24	6*		3	8					68	2	2.5
18	0	4.9	96	5.8	96	1020	27	19	5	3	2	8					10	7	
	6	6.4	93	5.7	97	1021	27	16	4	2	1	7					2	2	1.8
	12	6.0	93	5.9	96	1022	27	18	4	3	2	8	8	5			10	4	
	18	5.7	96	6.0	96	1022	27	19	5	2	2	8					10	2	.
19	0	5.3	96	6.0	96	1022	27	16	4	3	2	8					10	2	
	6	4.8	96	6.0	96	1023	25	16	4	2	1	8					10	2	.
	12	5.0	96	5.7	96	1023	22	16	4	2	1	8	8	6			10	2	
	18	5.7	99	5.7	92	1022	25	10	3		1						47	2	.
20	0	6.7	99	5.7	92	1021	25	13	4		1						45	8	
	6	7.5	90	5.8	96	1019	25	18	5	3	2	8					10	4	.6
	12	7.2	96	5.8	96	1016	27	25	6*	4	3	8	5	6	2		51	4	
	18	6.7	79	6.2	98	1017	29	22	6*	3	2	0	0	0	0	0	1	5	.7

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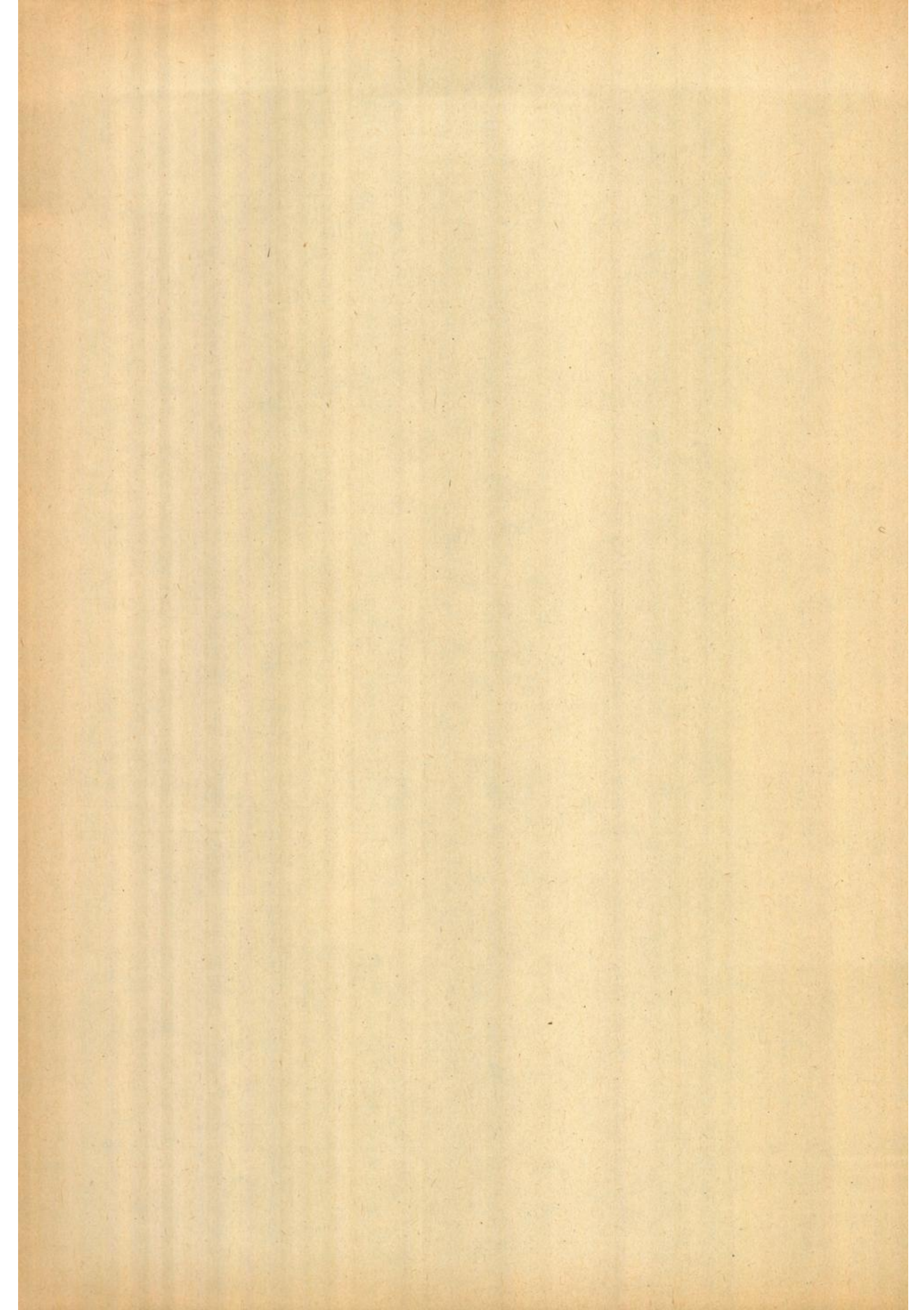
FEUERSCHIFF " FEHMARNBELT "

Tag	Zeit	T	U	T _w	V	P	D	v	F	P _w	H _w	N	N _h	C _L	C _M	C _H	ww	W	R	
21	0	5.5	84	5.8	98	1017	28	27	6*		3	4						3	0	
	6	4.3	72	6.1	98	1015	34	26	6*	3	3	2						1	1	.
	12																			
	18	2.6	90	5.7	98	1017	34	22	6*	3	3	0	0	0	0	0		2	0	.
22	0	2.4	90	5.7	98	1019	34	15	4	2	1	0	0	0	0	0		2	0	
	6	2.1	79	5.5	98	1021	36	21	5	3	2	0	0	0	0	0		2	0	.
	12	2.1	74	5.5	98	1023	36	18	5	3	2	8	8	5				3	1	
	18	.8	89	5.5	98	1023	2	21	5		2	8						2	2	.
23	0	.2	79	5.3	98	1023	36	18	4		1	5						3	1	
	6	.6	89	4.7	98	1022	2	11	3		1	2						3	1	.
	12	1.8	77	4.8	98	1022	2	9	3			2	1	2	0	2		2	0	
	18	.0	86	4.3	98	1024	7	13	3			1						2	0	.
24	0	.4	84	4.7	98	1025	7	16	5		1	8						2	1	
	6	.0	89	4.6	98	1025	4	22	6*		2	6						2	2	.
	12	.6	91	4.5	98	1027	7	24	6*	4	2	8	8	5				3	1	
	18	.5	87	4.4	98	1027	4	21	5		2	1						1	1	.
25	0	.5	85	4.0	97	1027	2	21	6*		2	0	0	0	0	0		2	0	
	6	.5	91	3.9	98	1026	4	19	5		1	0	0	0	0	0		2	0	.
	12	.9	79	3.6	98	1024	2	12	4	3	1	2	2	2	0	0		2	0	
	18	1.5	87	3.6	98	1023	2	20	5		1	5						2	1	.
26	0	.8	91	3.6	98	1022	13	17	5		1	7						71	7	
	6	.2	85	3.6	98	1022	7	11	3		1	8						70	7	.0
	12	.5	94	3.7	97	1023	9	12	4	3	1	8	7	7	1			70	7	
	18	.4	94	3.7	97	1023	11	14	4		1	8						71	7	.1
27	0	1.5	92	3.7	97	1022	9	20	5		1	8						71	7	
	6	.1	95	3.7	96	1022	13	9	3		1	8						71	7	.1
	12	.8	93	3.7	96	1022	13	9	3	3	1	8	8	5				10	7	
	18	.0	95	3.8	96	1020	7	12	3		1	8						70	2	.1
28	0	1.0	91	3.5	97	1017	7	8	3		1	8						22	7	
	6	.7	91	3.6	97	1014	7	23	6*		1	8						2	2	.1
	12	1.2	90	3.7	97	1011	7	25	6*	3	2	8	5	7	2			2	2	
	18	1.5	88	3.5	97	1008	7	28	7*		3	8						2	2	.
29	0	2.5	90	3.6	97	1006	7	28	7*		2	8						2	2	
	6	1.8	95	3.5	97	1006	7	29	7*		3	8						20	2	.0
	12	1.5	92	3.7	97	1008	4	21	6*	3	2	8	8	5				2	2	
	18	.5	88	3.8	97	1006	4	19	5	3	2	8						2	2	.
30	0	.4	82	3.8	98	1004	4	13	4	2	1	8						2	2	
	6	1.0	85	3.5	97	1000	4	18	4	2	1	5						26	2	.0
	12	.8	83	3.7	98	1000	2	22	6*	3	2	7	7	3	0	0		2	2	
	18	.7	91	3.2	98	1000	4	18	5	3	2	1						2	0	.
31	0	.4	87	3.3	98	1000	36	21	6*	3	2	4						3	0	
	6	2.1	80	3.1	98	1002	36	20	5	3	2	3						1	7	.0
	12	2.9	90	3.0	98	1006	34	13	4	2	1	6	6	3	0	0		15	8	
	18	3.4	75	2.8	98	1008	34	25	6*	3	2	2						1	8	.1

MITTEL -, EXTREM - UND HÄUFIGKEITSWERTE

für die Feuerschiffe

J / E 3 - Borkumriff	}	NORDSEE
P 8		
Deutsche Bucht		
Weser		
Elbe 1		
Elbe 2		
Elbe 3		
Leuchtturm Kiel	}	OSTSEE
Fehmarnbelt		



1970

Feuerschiff "Borkumriff"

Monat	Lufttemperatur T _L (°C)									Wassertemperatur T _W (°C)				Temp. Differenz Luft minus Wasser	
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21	Monatsmittel	0	6	12	18	Monatsmittel	
I	-0.2	-0.3	-0.4	-0.4	-0.2	0.1	-0.2	-0.3	-0.2	1.4	1.4	1.5	1.5	1.4	-1.7
II	0.5	0.3	0.3	0.7	1.2	1.3	0.9	0.8	0.8	1.0	1.0	1.1	1.1	1.0	-0.3
III	2.7	2.5	2.2	2.5	3.0	3.4	3.2	2.9	2.8	2.8	2.7	2.9	2.9	2.8	-0.0
IV	5.2	5.0	5.0	5.6	5.7	5.9	5.8	5.4	5.4	5.4	5.3	5.5	5.5	5.4	-0.0
V	10.2	9.9	10.1	10.9	11.4	11.5	11.4	10.7	10.7	9.3	9.3	9.5	9.6	9.4	1.3
VI	13.9	13.6	13.7	14.2	14.7	14.9	14.5	14.0	14.2	13.5	13.4	13.7	13.9	13.6	0.5
VII															
VIII															
IX															
X	11.9	11.8	11.7	11.8	12.1	12.3	12.3	12.3	12.0	14.0	13.9	14.0	13.9	13.9	-1.9
XI	8.7	8.6	8.4	8.3	8.6	8.8	8.8	8.8	8.6	10.7	10.6	10.6	10.6	10.6	-2.0
XII	5.8	5.8	5.8	5.5	5.6	5.6	5.8	5.8	5.7	8.0	7.9	8.0	7.9	7.9	-2.2
Jahr															

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	3.9	12.	00	-5.5	20.	06	2.6	11.	18	0.0	+	+	VI	Min.	1. 06 u. 1. 21
II	5.1	22.	15	-5.6	1.	09	2.6	25.	15	-0.2	1.	12	XII	Max.	2. 15, 3.06 u. 5.09
III	5.8	30.	18	-0.9	14.	15	4.2	+	+	1.9	+	+	Monat T _W Tag und Uhrzeit		
IV	10.2	25.	15	1.0	8.	03	7.6	27.	18	3.9	2.	03	I	Min.	24. 06 u. 24. 09
V	14.5	25.	09	5.9	1.	00	11.4	31.	18	6.9	1.	00	III	Max.	30. 21, 31. 00, 31. 06, 31. 09 u. 31. 12
VI	20.3	20.	12	9.4	+	+	16.8	+	+	11.0	2.	03	III	Min.	7. 21, 8. 09, 14. 21, 15. 03 u. 15. 06
VII													VI	Max.	30. 15 u. 30. 18
VIII													X	Max.	1. 00, 1. 03, 1. 12, 1. 15, 1. 18, 1. 21, 2. 00, 2. 03, 2. 06 u. 2. 09
IX													X	Min.	29. 18, 30. 00, 30. 06, 30. 12, 30. 15, 30. 18, 30. 21, 31. 03, 31. 09 u. 31. 21
X	15.3	2.	03	7.0	20.	09	15.4	+	+	12.4	+	+			
XI	13.8	1.	06	3.6	8.	12	12.5	+	+	9.0	+	+			
XII	9.6	+	+	2.4	27.	00	9.4	+	+	5.3	31.	06			
Jahr															

Monat	Bewölkung N (0-10)									Luftdruck P (1000 + Δp) mb								
	Uhrzeit									Uhrzeit								
	0	3	6	9	12	15	18	21	Monatsmittel	0	3	6	9	12	15	18	21	Monatsmittel
I	7.9	7.5	8.1	8.0	8.4	8.7	8.4	8.1	8.1	10.1	9.8	9.7	10.5	10.5	10.0	10.3	10.6	10.2
II	6.7	6.6	6.9	7.9	7.1	7.1	6.9	7.2	7.1	5.7	5.3	5.3	6.0	6.3	6.0	5.9	5.7	5.8
III	6.0	5.8	7.7	7.4	7.5	7.1	7.0	5.9	6.8	10.1	9.4	9.1	9.4	9.3	8.9	8.9	9.0	9.3
IV	6.0	7.1	7.5	7.9	8.0	8.2	7.7	6.5	7.4	9.3	8.8	8.8	9.3	9.6	10.0	10.1	10.7	9.6
V	5.7	6.5	6.5	7.0	5.7	6.0	5.9	5.5	6.1	15.9	15.5	15.6	16.1	16.2	16.0	15.7	16.0	15.9
VI	3.8	4.8	4.2	4.3	4.3	4.1	4.5	5.0	4.4	18.9	18.5	18.6	19.1	19.1	18.6	18.2	18.4	18.7
VII																		
VIII																		
IX																		
X	7.4	7.1	7.9	7.4	7.7	7.8	8.2	7.8	7.7	15.1	14.6	14.5	15.4	15.8	15.6	15.6	15.7	15.3
XI	7.8	7.3	7.5	7.4	7.9	8.3	8.1	7.6	7.7	7.7	7.3	7.1	8.0	8.1	7.6	7.7	7.5	7.6
XII	7.5	7.0	7.3	8.5	8.4	8.1	7.1	7.1	7.6	21.6	21.3	20.8	21.4	21.5	21.5	21.8	22.2	21.5
Jahr																		

Bemerkungen:
 Vom 10.7. 09 h - 21.8. 15 h nicht auf Position
 " 17.9. 09 h - 30.9. 09 h " " "

Fortsetzung: Mehrfach vorkommende Extremwerte:
 XI Max. (1. 09, 1. 12 u. 1. 15)
 XI Min. 27. 06, 27. 09, 27. 18, 27. 21, 23. 03, 28. 06, 28. 21, 29. 00 u. 29. 03
 XII Max. 2. 18, 2. 21 u. 3. 00

Feuerschiff "Borkumriff"

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	4.9	4.8	4.9	4.7	4.6	4.7	5.0	5.2	4.8	.	19.4	51.0	26.7	2.8	.	
II	4.9	5.0	4.8	4.9	4.9	4.6	4.8	4.8	4.8	.	20.1	46.4	29.0	4.5	.	
III	4.7	4.9	4.8	5.0	5.0	4.9	4.9	4.7	4.9	.	13.7	54.0	31.5	0.8	.	
IV	4.6	4.7	4.7	4.8	4.9	4.9	4.8	4.6	4.7	0.8	21.3	48.0	29.2	0.8	.	
V	4.4	4.5	4.6	4.5	4.5	4.6	4.6	4.5	4.5	1.2	20.2	52.4	26.2	.	.	
VI	4.0	4.2	4.2	4.1	4.0	4.1	4.4	4.3	4.2	0.8	27.5	62.9	8.8	.	.	
VII																
VIII																
IX																
X	5.8	5.7	5.5	5.3	5.2	5.3	5.4	5.8	5.5	0.4	12.5	39.5	38.8	8.9	.	
XI	6.0	5.9	5.4	5.5	5.4	5.7	5.7	5.8	5.7	.	9.2	40.4	36.7	13.7	.	
XII	5.0	5.2	5.2	5.5	5.4	5.5	5.4	5.2	5.3	.	8.1	52.0	39.1	0.8	.	
Jahr																
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung					
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I		1.1	2.9	19.3	<u>45.3</u>	11.2	9.9	6.4	3.9	.	SE					
II		6.7	13.9	8.6	8.1	14.0	<u>19.6</u>	19.4	8.8	0.9	SW					
III		6.9	11.8	8.8	4.2	6.1	15.2	<u>25.9</u>	19.9	1.2	W					
IV		15.7	6.6	5.2	1.9	7.1	21.8	15.8	<u>23.8</u>	2.1	NW					
V		10.2	12.9	<u>26.3</u>	5.7	4.7	3.9	14.7	<u>21.0</u>	1.6	E					
VI		9.7	18.1	<u>23.9</u>	4.2	4.0	8.9	13.5	16.9	0.8	E					
VII																
VIII																
IX																
X		7.6	2.1	6.0	13.3	11.1	19.4	<u>21.2</u>	18.9	0.4	W					
XI		2.3	0.8	3.0	6.5	<u>29.8</u>	26.6	<u>19.2</u>	11.4	0.4	S					
XII		14.5	13.2	12.4	5.6	<u>7.6</u>	<u>21.7</u>	9.5	15.1	0.4	SW					
Jahr																
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel				
	Beaufort ≥ 6	Beaufort ≥ 8	✱ ● ✱	▲	△ ⚡	≡	⊞ (⊞)	≥ 0.1	≥ 1.0	≥ 10.0						
I	19	2	7	.	3	14	.	12	10	.	38.8	88				
II	17	4	17	.	1	13	.	17	14	2	64.6	87				
III	19	2	11	.	4	6	.	19	13	1	54.1	88				
IV	15	2	10	.	4	7	.	21	16	2	78.7	85				
V	15	.	.	.	.	5	.	12	6	.	21.9	80			
VI	11	.	.	.	2	1	3	8	5	2	43.4	87				
VII																
VIII																
IX																
X	23	10	.	.	1	4	2	20	14	.	72.0	87				
XI	25	12	.	.	4	5	.	19	17	3	112.4	87				
XII	23	5	10	2	1	4	.	16	9	.	25.8	84				
Jahr																

Bemerkungen: Vom 10.7. 09 Uhr - 21.8. 15 Uhr } nicht auf Position
 " 17.9. 09 " - 30.9. 09 " }

1970

Feuerschiff "P 8"

Monat	Lufttemperatur T_L (°C)									Monats- mittel	Wassertemperatur T_W (°C)				Monats- mittel	Temp. Differenz Luft minus Wasser
	Uhrzeit										Uhrzeit					
	0	3	6	9	12	15	18	21		0	6	12	18			
I	1.1	1.1	0.9	1.0	1.0	1.1	0.8	1.0	1.0	3.6	3.5	3.5	3.5	3.5	-2.5	
II	0.4	0.5	0.4	0.8	1.3	1.3	0.9	0.7	0.8	1.7	1.6	1.7	1.7	1.7	-0.9	
III	2.3	2.3	2.1	2.4	2.8	2.9	2.4	2.3	2.5	2.0	2.0	2.1	2.0	2.0	0.4	
IV	4.0	4.0	3.9	4.9	5.0	5.3	4.6	4.1	4.5	4.4	4.4	4.5	4.5	4.5	-0.0	
V	8.9	8.7	9.2	10.2	10.5	10.6	10.2	9.4	9.7	9.0	9.1	9.2	9.4	9.2	0.5	
VI	14.5	14.1	14.4	15.3	16.0	16.1	15.6	15.0	15.1	14.6	14.5	14.9	15.2	14.8	0.3	
VII	14.8	14.6	14.8	15.5	15.7	15.7	15.4	14.9	15.2	15.4	15.4	15.5	15.6	15.5	-0.3	
VIII	16.4	16.3	16.4	17.0	17.4	17.6	17.1	16.6	16.9	17.2	17.2	17.4	17.5	17.3	-0.4	
IX	14.9	14.8	14.6	15.0	15.6	15.5	15.3	14.9	15.1	16.1	16.1	16.1	16.1	16.1	-1.0	
X	12.7	12.8	12.8	13.0	13.4	13.3	12.9	12.9	13.0	13.9	13.8	13.9	13.9	13.9	-0.9	
XI	9.0	8.9	8.5	8.8	9.0	9.1	8.9	8.8	8.9	10.6	10.6	10.6	10.6	10.6	-1.7	
XII	6.2	6.0	5.9	5.8	5.7	5.7	5.9	5.9	5.9	8.4	8.3	8.3	8.3	8.3	-2.4	
Jahr	8.8	8.7	8.7	9.1	9.5	9.5	9.2	8.9	9.1	9.7	9.7	9.8	9.9	9.8	-0.7	

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhr- zeit	Min.	Dat.	Uhr- zeit	Max.	Dat.	Uhr- zeit	Min.	Dat.	Uhr- zeit	Monat	T_L	Tag und Uhrzeit
I	6.2	26.	09	-3.9	1.	00	5.2	1.	00	2.1	+	+	II	Max.	3. 21, 4. 03 u. 23. 12
II	5.0	+	+	-4.2	1.	06	2.5	1.	21	1.3	+	+	VI	Min.	1. 12 u. 4. 00
III	6.4	21.	12	-0.9	14.	06	3.1	21.	15	1.4	+	+	VII	Min.	20. 15 u. 4. 00
IV	9.0	25.	15	0.0	2.	18	6.6	30.	18	2.2	3.	06	IX	Max.	15. 15 u. 15. 18
V	14.4	14.	09	4.8	1.	03	12.2	19.	09	6.1	1.	06	Monat T_W Tag und Uhrzeit		
VI	23.4	23.	12	9.2	+	+	19.1	23.	12	10.3	+	+	I	Min.	30. 12, 31. 12 u. 31. 15
VII	20.6	31.	05	11.2	+	+	17.7	+	+	13.8	+	+	II	Min.	21. 15, 21. 21, 22. 00,
VIII	24.4	30.	15	12.9	11.	06	19.0	5.	12	16.0	22.	21			22. 03, 22. 06, 22. 9,
IX	18.0	+	+	11.9	24.	03	17.7	1.	00	15.0	26.	21			22. 15, 22. 18
X	17.2	9.	12	8.0	20.	09	15.5	1.	00	11.8	23.	18	III	Min.	1. 00, 1. 03, 4. 03,
XI	13.9	1.	03	4.4	7.	06	12.5	+	+	9.4	+	+			4. 06
XII	9.9	10.	12	-1.2	31.	12	9.7	+	+	5.9	31.	09	VI	Min.	1. 00 u. 1. 03
Jahr													VII	Max.	31. 15 u. 31. 18
													VII	Min.	2. 12, 3. 06, 3. 09 u.
															3. 15
													XI	Max.	1. 03, 1. 09, 1. 06,
															1. 12 u. 2. 03
													XI	Min.	28. 00 u. 28. 03

Monat	Bewölkung N (0-10)									Monats- mittel	Luftdruck P (1000 + Δp) mb								Monats- mittel
	Uhrzeit										Uhrzeit								
	0	3	6	9	12	15	18	21		0	3	6	9	12	15	18	21		
I	8.3	8.7	8.4	8.8	8.3	8.7	8.2	9.0	8.6	10.4	10.2	10.0	10.9	10.9	10.4	10.7	10.9	10.5	
II	7.2	8.2	8.0	8.1	7.5	6.8	7.2	7.8	7.6	5.1	4.7	4.5	5.2	5.7	5.5	5.4	5.2	5.2	
III	5.5	6.6	7.4	7.3	7.6	7.7	7.5	6.2	7.0	9.0	8.3	8.0	8.4	8.2	7.8	8.0	8.3	8.3	
IV	6.1	6.8	7.4	7.6	7.6	6.8	6.8	6.0	6.9	9.2	8.8	8.7	9.2	9.7	10.0	10.3	10.7	9.6	
V	5.1	5.4	5.1	5.1	6.3	5.2	5.3	5.8	5.4	16.3	15.9	16.0	16.5	16.6	16.4	16.1	16.5	16.3	
VI	3.7	4.4	4.3	4.3	4.2	4.3	4.5	4.0	4.2	18.8	18.4	18.6	19.1	19.2	18.8	18.2	18.5	18.7	
VII	7.3	7.9	6.8	6.8	6.9	7.2	7.7	7.6	7.3	11.3	10.8	10.9	11.3	11.6	11.9	11.9	12.1	11.4	
VIII	4.0	4.3	6.7	6.7	5.6	5.4	5.4	5.4	5.4	16.5	15.9	15.8	16.2	16.3	16.1	15.8	16.1	16.1	
IX	5.9	5.5	7.3	7.9	8.2	7.6	7.3	5.8	6.9	15.5	14.8	14.6	15.3	15.7	15.5	15.3	15.5	15.3	
X	6.8	6.9	7.7	7.4	7.7	7.9	8.2	6.9	7.4	14.3	13.6	13.7	14.7	15.1	14.9	14.9	14.7	14.5	
XI	8.5	8.3	7.9	7.9	7.2	8.0	7.7	7.6	7.9	7.3	6.9	6.7	7.4	7.7	7.3	7.4	7.3	7.2	
XII	6.5	6.3	7.5	8.7	8.0	7.7	7.1	7.4	7.4	21.1	20.8	20.3	21.0	21.0	20.9	21.2	21.6	21.0	
Jahr	6.2	6.2	7.0	7.2	7.1	6.9	6.9	6.6	6.8	12.9	12.4	12.3	12.9	13.1	13.0	12.9	13.1	12.8	

Bemerkungen:

Fortsetzung: Mehrfach vorkommende Extremwerte:

XII Max. 1. 09, 1. 12, 1. 15, 1. 18

Feuerschiff " P 8 "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	5.2	5.2	5.1	5.1	4.8	4.9	5.0	5.3	5.1	0.4	17.3	40.3	36.3	5.6	.	
II	4.5	4.8	4.8	4.6	4.7	4.6	4.6	4.5	4.6	.	18.3	50.0	30.4	1.3	.	
III	4.5	4.7	4.5	4.7	4.8	4.9	4.6	4.4	4.6	0.4	16.1	59.7	22.9	0.8	.	
IV	4.0	4.1	4.2	4.5	4.2	4.4	4.5	4.2	4.3	2.5	21.8	56.7	19.2	.	.	
V	4.2	4.3	4.3	4.2	4.3	4.3	4.3	4.5	4.3	0.4	24.2	54.8	20.5	.	.	
VI	4.1	4.2	4.1	4.1	3.5	3.8	4.1	4.2	4.0	1.7	26.7	62.5	9.2	.	.	
VII	4.7	4.7	4.7	4.8	5.0	4.7	4.5	4.6	4.7	.	15.3	57.7	26.6	0.4	.	
VIII	3.7	3.8	3.7	3.9	4.1	3.8	3.7	3.8	3.8	0.4	39.9	50.4	9.3	.	.	
IX	5.0	5.0	4.8	5.1	5.1	4.8	4.7	5.2	5.0	1.3	18.4	38.4	39.6	2.5	.	
X	5.3	5.4	5.1	5.0	4.5	4.6	5.1	5.4	5.1	1.6	16.1	36.7	38.7	6.9	.	
XI	5.5	5.6	5.1	5.1	5.3	5.2	5.5	5.4	5.4	12.9	40.0	36.7	10.5	.	.	
XII	4.9	5.0	5.2	5.1	5.2	5.3	5.3	5.0	5.1	0.8	10.5	49.6	37.9	1.2	.	
Jahr	4.6	4.7	4.6	4.7	4.6	4.6	4.7	4.7	4.7	1.9	22.1	49.5	25.1	1.6	.	
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung					
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I		2.2	5.9	19.3	<u>43.5</u>	6.9	6.6	11.7	3.5	0.4	SE					
II		6.1	21.0	9.4	<u>9.5</u>	11.9	21.8	16.8	3.5	.	SW					
III		8.3	7.4	10.6	5.1	7.4	17.2	<u>24.5</u>	18.6	0.9	W					
IV		18.7	4.5	4.0	2.3	8.7	15.6	<u>23.9</u>	19.8	2.5	W					
V		10.1	12.6	<u>27.6</u>	3.6	4.6	3.4	<u>13.4</u>	24.2	0.5	E					
VI		10.7	17.0	<u>22.4</u>	4.0	4.0	11.3	10.7	17.8	2.1	E					
VII		5.7	0.8	1.4	5.5	8.7	21.5	<u>37.1</u>	19.3	.	W					
VIII		8.1	<u>20.2</u>	14.6	11.5	5.3	13.0	<u>14.4</u>	12.4	0.5	NE					
IX		7.6	<u>2.2</u>	0.9	13.9	8.8	22.7	<u>26.6</u>	15.7	1.6	W					
X		8.0	1.3	4.4	15.1	8.1	21.9	18.8	20.8	1.6	SW					
XI		2.6	1.4	3.0	6.2	<u>29.1</u>	<u>24.2</u>	20.1	13.4	.	S					
XII		11.9	<u>18.7</u>	10.3	1.6	<u>5.4</u>	18.5	14.6	18.2	0.8	NE					
Jahr		8.3	9.4	10.7	10.2	9.1	16.5	<u>19.3</u>	15.6	0.9	W					
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel				
	Beaufort ≥ 6	≥ 8	* *	▲	△ *	≡	⊔ (⊔)	≥ 0.1	≥ 1.0	≥ 10.0						
I	19	5	10	1	3	4	.	19	11	.	31.5	91				
II	17	2	13	.	3	4	.	9	6	2	32.9	90				
III	16	2	13	.	1	6	.	19	8	.	30.8	93				
IV	13	.	8	.	3	7	.	15	10	2	66.4	92				
V	12	1	.	.	.	6	1	10	5	.	12.3	90				
VI	8	.	.	.	.	2	2	8	2	.	11.3	85
VII	18	1	.	1	.	.	3	19	12	1	58.0	87				
VIII	9	.	.	.	.	1	1	10	6	.	28.2	88
IX	21	5	.	.	.	1	.	16	12	1	58.0	84				
X	23	6	.	.	.	1	2	18	9	1	51.4	78				
XI	25	8	.	3	2	2	1	20	13	.	64.2	87				
XII	20	3	6	2	1	3	1	14	10	.	31.2	86				
Jahr	201	33	50	7	13	37	11	177	104	7	476.2	88				
Bemerkungen:																

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Feuerschiff " Deutsche Bucht "

Monat	Lufttemperatur T _L (°C)									Wassertemperatur T _W (°C)				Temp. Differenz Luft minus Wasser	
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21	Monatsmittel	0	6	12	18	Monatsmittel	
I	-0.0	-0.3	-0.3	-0.1	0.1	-0.0	-0.1	-0.1	-0.1	3.3	3.4	3.3	3.3	3.3	-3.4
II	-0.2	-0.5	-0.5	-0.1	0.4	0.7	0.1	-0.0	-0.0	1.6	1.5	1.5	1.6	1.6	-1.6
III	1.5	1.5	1.4	1.8	2.4	2.5	1.9	1.7	1.8	2.0	2.0	2.1	2.2	2.1	-0.3
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	16.3	16.1	16.2	17.2	17.7	17.6	17.2	16.5	16.8	17.6	17.5	17.7	17.8	17.7	-0.8
VIII	14.3	14.0	14.0	14.6	15.3	15.2	14.8	14.6	14.6	16.2	16.1	16.2	16.2	16.2	-1.6
IX	11.6	11.4	11.4	12.1	12.1	12.1	11.6	11.9	11.8	13.8	13.8	13.8	13.8	13.8	-2.0
X	5.8	5.7	5.4	5.3	5.3	5.4	5.4	5.4	5.5	8.4	8.3	8.4	8.3	8.3	-2.9
XI															
XII															
Jahr															

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	5.1	14.	12	-4.8	19.	15	5.1	+	+	1.8	+	+	II	Min.	1. 09 u. 14. 12
II	6.7	23.	15	-4.8	+	+	2.4	+	+	0.8	15.	09	IX	Max.	2. 15 u. 8. 12
III	5.7	21.	15	-1.9	26.	03	3.4	+	+	1.3	6.	15	X	Min.	20. 18 u. 27. 12
IV	-	-	-	-	-	-	-	-	-	-	-	-	Monat T _W Tag und Uhrzeit		
V	-	-	-	-	-	-	-	-	-	-	-	-	I	Max.	2. 12 u. 4. 18
VI	-	-	-	-	-	-	-	-	-	-	-	-	I	Min.	30. 00, 30. 15, 31. 00, 31. 03, 31. 12, 31. 15
VII	20.6	3.	18	13.5	18.	06	19.4	+	+	16.7	+	+	II	Max.	1. 15, 1. 18 u. 2. 12
VIII	17.8	+	+	11.3	24.	06	17.6	1.	12	15.2	30.	15	III	Max.	31. 09, 31. 18 u. 31. 21
IX	15.5	9.	12	8.0	+	+	15.3	1.	00	12.2	+	+	VIII	Max.	7. 15, 7. 18 u. 7. 21
X	9.4	5.	15	-1.4	27.	09	9.5	1.	03	6.4	25.	21	VIII	Min.	18. 21, 19. 00 u. 20. 15
XI													X	Min.	28. 09, 28. 12 u. 31. 18
XII															
Jahr															

Monat	Bewölkung N (0-10)									Luftdruck P (1000 + Δp) mb								
	Uhrzeit									Uhrzeit								
	0	3	6	9	12	15	18	21	Monatsmittel	0	3	6	9	12	15	18	21	Monatsmittel
I	8.3	8.8	8.5	8.3	7.5	8.1	8.2	8.8	8.3	11.9	11.7	11.4	12.4	12.3	11.9	12.2	12.5	12.0
II	7.7	8.1	8.0	8.1	7.4	7.5	7.7	7.5	7.8	6.4	6.0	5.9	6.6	7.1	6.8	6.8	6.5	6.5
III	5.4	5.3	7.1	7.4	6.8	8.0	7.2	6.3	6.7	10.2	9.5	9.2	9.5	9.1	8.9	9.0	9.3	9.3
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	3.6	3.8	5.8	5.7	4.9	5.0	5.4	5.3	4.9	15.8	15.2	15.1	15.4	15.6	15.4	15.2	15.4	15.4
VIII	6.0	6.0	7.8	8.4	7.5	7.2	7.2	6.1	7.0	15.1	14.4	14.2	14.9	15.3	15.1	14.9	15.1	14.9
IX	7.1	6.9	7.7	7.8	7.9	7.5	8.3	7.5	7.6	14.0	13.3	13.3	14.3	14.8	14.6	14.6	14.5	14.2
X	6.8	6.9	6.7	8.6	8.1	7.6	7.5	6.8	7.3	20.9	20.7	20.2	20.7	20.7	21.0	20.9	21.3	20.8
XI																		
XII																		
Jahr																		

Bemerkungen: Vom 8. April bis 15. Juli
und " 4. November bis 20. November nicht auf Position

Feuerschiff " Deutsche Bucht "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	5.2	5.2	5.0	4.9	4.7	4.9	5.1	5.0	5.0	0.4	19.3	41.9	31.9	6.4	.	
II	4.6	4.5	4.6	4.9	4.6	4.5	4.6	4.5	4.6	0.9	19.7	48.7	29.0	1.8	.	
III	4.4	4.6	4.4	4.5	4.7	4.7	4.5	4.4	4.5	1.2	17.0	57.8	23.9	.	.	
IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII	3.5	3.6	3.7	3.5	3.6	3.5	3.5	3.6	3.6	4.8	37.1	48.4	9.7	.	.	
VIII	5.1	4.9	4.8	5.0	4.9	4.8	4.7	5.1	4.9	1.3	19.6	38.8	37.5	2.9	.	
IX	5.5	5.3	5.1	4.8	4.6	4.5	4.8	5.3	5.0	0.8	15.7	45.2	32.2	6.0	.	
X	5.2	5.1	5.0	5.2	5.3	5.4	5.3	5.1	5.2	0.8	8.5	51.8	35.2	3.6	.	
XI																
XII																
Jahr																
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung					
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I		1.7	2.4	27.2	<u>38.7</u>	8.4	7.1	12.0	2.1	0.4	SE					
II		8.8	17.2	10.4	8.5	12.7	19.2	<u>19.8</u>	2.5	0.9	W					
III		9.6	6.3	11.8	5.2	8.8	13.2	<u>32.2</u>	11.7	1.2	W					
IV		-	-	-	-	-	-	-	-	-	-					
V		-	-	-	-	-	-	-	-	-	-					
VI		-	-	-	-	-	-	-	-	-	-					
VII		12.7	<u>19.2</u>	16.6	8.7	4.9	11.1	10.3	11.6	4.9	NE					
VIII		7.2	1.5	5.2	11.4	12.9	18.7	<u>27.7</u>	14.1	1.3	W					
IX		6.9	2.1	10.1	10.7	11.2	15.5	<u>28.1</u>	14.5	0.9	W					
X		14.5	9.4	16.8	3.4	3.4	<u>18.8</u>	17.1	15.7	0.9	SW					
XI																
XII																
Jahr																
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel				
	Beaufort ≥ 6	Beaufort ≥ 8	* ● *	▲	△	≡	⊞ (⊞)	≥ 0.1	≥ 1.0	≥ 10.0						
I	17	7	12	1	1	6	.	6	2	2	15.1	91				
II	18	4	15	.	4	7	.	12	6	.	32.6	91				
III	16	1	12	1	3	8	.	8	4	.	22.2	92				
IV	.	.	.	.	.	.	.	.	.	.	.	-
V	.	.	.	.	.	.	.	.	.	.	.	-
VI	.	.	.	.	.	.	.	.	.	.	.	-
VII	9	.	.	.	.	.	1	8	7	3	52.8	88			
VIII	21	7	.	.	.	1	.	13	10	2	100.4	87				
IX	20	7	.	2	1	2	1	21	18	3	107.7	88				
X	22	5	7	1	2	3	.	13	10	1	41.5	90				
XI																
XII																
Jahr																

Bemerkungen: Vom 8. April bis 15. Juli
und " 4. November bis 20. November nicht auf Position

1970

Feuerschiff "Weser"

Monat	Lufttemperatur T _L (°C)									Wassertemperatur T _W (°C)				Temp. Differenz Luft minus Wasser	
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21	Monatsmittel	0	6	12	18	Monatsmittel	
I	-1.2	-1.2	-1.2	-1.2	-1.1	-1.0	-1.1	-1.1	-1.1	1.9	1.7	1.9	1.8	1.8	-2.9
II	-1.2	-1.2	-1.4	-1.2	-0.5	-0.2	-0.6	-0.8	-0.9	-0.3	-0.4	-0.3	-0.3	-0.3	-0.6
III	1.2	1.0	1.0	1.3	1.7	2.2	1.6	1.4	1.4	1.1	1.1	1.2	1.3	1.2	0.2
IV	4.3	4.1	4.0	4.6	5.0	5.4	4.9	4.4	4.6	4.7	4.7	5.0	5.0	4.9	-0.3
V	9.0	8.7	8.8	9.8	10.3	10.5	10.2	9.8	9.6	9.1	9.0	9.4	9.5	9.3	0.3
VI	13.6	13.3	13.4	14.7	15.1	15.4	14.8	14.2	14.3	13.2	13.1	13.8	13.9	13.5	0.8
VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII	(16.1)	(15.8)	(15.8)	(16.5)	(17.4)	(17.7)	(16.9)	(16.5)	(16.6)	(17.1)	(17.1)	(17.5)	(17.4)	(17.2)	(-0.6)
IX	14.3	14.0	13.7	14.1	15.4	15.5	15.0	14.4	14.6	16.1	16.1	16.3	16.2	16.2	-1.6
X	11.2	11.0	11.1	11.3	11.8	11.6	11.5	11.4	11.4	13.3	13.2	13.4	13.3	13.3	-1.9
XI	7.7	7.6	7.4	7.5	7.9	8.1	7.9	7.5	7.7	9.7	9.6	9.6	9.6	9.6	-1.9
XII	4.9	4.9	4.7	4.5	4.8	4.8	4.8	4.8	4.8	7.2	7.1	7.1	7.0	7.1	-2.3
Jahr															

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	2.9	14.	12	-6.4	1.	15	3.4	+	+	0.2	+	+	II	Max.	20. 12 u. 22. 15
II	2.8	+	+	-6.3	1.	09	0.9	4.	18	-1.1	18.	12	III	Min.	10. 06 u. 11. 03
III	7.5	21.	15	-2.5	+	+	3.8	21.	18	-0.5	1.	15			
IV	9.6	19.	15	0.1	8.	09	7.6	+	+	3.0	+	+	Monat	T _W	Tag und Uhrzeit
V	15.0	25.	12	4.9	2.	00	12.1	24.	15	7.4	+	+	I	Max.	2. 18 u. 2. 21
VI	21.0	27.	15	9.4	2.	06	18.8	20.	15	10.5	2.	00	I	Min.	30. 18, 31. 03 u. 31. 06
VII	-	-	-	-	-	-	-	-	-	-	-	-	IV	Max.	27. 15, 29. 12 u. 30. 15
VIII	(22.0)	(27.)	(15)	(12.8)	(18.)	(03)	(18.2)	(+)	(+)	(15.3)	(16.)	(03)	IV	Min.	1. 00, 1. 09, 2. 00 u. 2. 21
IX	19.5	8.	15	10.0	27.	06	17.9	2.	15	14.5	30.	18	V	Min.	2. 03, 1. 06
X	15.3	6.	12	7.4	24.	00	15.4	1.	18	11.0	+	+	VIII	Max.	(12. 15 u. 27. 15)
XI	12.6	1.	00	1.3	8.	12	11.7	1.	00	8.1	24.	15	X	Min.	27. 15, 28. 18, 28. 21, 29. 00, 29. 03, 29. 06 u. 30. 07
XII	8.8	9.	09	-2.8	27.	00	9.1	2.	09	4.8	31.	09			
Jahr															

Monat	Bewölkung N (0-10)									Luftdruck P (1000 + Δp) mb								
	Uhrzeit									Uhrzeit								
	0	3	6	9	12	15	18	21	Monatsmittel	0	3	6	9	12	15	18	21	Monatsmittel
I	8.3	8.0	8.1	7.6	7.8	8.0	7.9	8.2	8.0	12.5	12.4	12.1	12.9	12.8	12.4	12.6	13.0	12.6
II	7.3	7.8	7.8	8.3	7.4	6.5	7.1	7.2	7.4	7.0	6.7	6.6	7.3	7.7	7.6	7.4	7.2	7.2
III	6.1	5.4	6.9	6.9	7.3	7.0	6.8	5.7	6.5	11.0	10.3	10.0	10.4	10.3	9.6	9.7	10.0	10.2
IV	6.8	7.4	8.0	7.0	8.0	8.0	7.1	6.6	7.4	10.5	9.9	9.8	10.4	10.7	11.0	11.2	11.8	10.7
V	5.8	6.2	5.8	5.8	5.4	5.2	5.7	5.4	5.6	17.1	16.7	16.8	17.2	17.4	17.0	16.8	17.2	17.0
VI	3.3	4.6	4.1	3.8	3.5	3.7	3.4	3.2	3.7	20.0	19.6	19.8	20.4	20.8	20.2	19.6	19.9	20.0
VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII	(4.8)	(4.7)	(5.7)	(6.3)	(5.4)	(4.7)	(5.1)	(5.6)	(5.3)	(14.9)	(14.5)	(14.3)	(14.6)	(14.8)	(14.7)	(14.5)	(14.9)	(14.7)
IX	6.0	5.6	7.2	7.3	7.2	6.6	6.7	5.3	6.5	15.5	14.9	14.6	15.3	15.6	15.4	15.2	15.5	15.2
X	7.0	7.1	7.4	7.3	7.1	7.5	7.5	7.3	7.3	14.4	13.7	13.7	14.7	15.2	14.9	15.0	14.9	14.6
XI	8.3	7.8	8.4	7.5	7.5	7.1	8.0	7.8	7.8	7.7	7.5	7.3	7.8	8.1	7.8	7.8	7.6	7.7
XII	6.7	6.6	7.0	8.1	7.8	7.2	6.8	6.1	7.1	21.0	20.9	20.4	20.9	21.0	20.7	21.0	21.4	20.9
Jahr																		

Bemerkungen: Vom 1.7. - 5.8. nicht auf Position

Feuerschiff "Weser"

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	4.9	5.0	4.7	4.7	4.7	4.7	4.7	5.0	4.8	0.4	16.5	51.2	28.6	3.2	.	
II	4.5	4.4	4.5	4.7	4.7	4.3	4.5	4.3	4.5	0.4	22.3	49.6	27.6	.	.	
III	4.5	4.3	4.6	4.5	4.6	4.5	4.4	4.6	4.5	.	20.1	55.2	24.6	.	.	
IV	4.0	4.3	4.1	4.4	4.4	4.6	4.5	4.5	4.4	0.4	24.1	53.8	21.7	.	.	
V	4.1	4.0	4.0	4.2	4.2	4.4	4.3	4.3	4.2	3.6	22.5	60.9	12.9	.	.	
VI	4.1	3.9	3.7	3.6	3.8	3.8	4.2	4.1	3.9	.	28.4	64.4	7.2	.	.	
VII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII	(3.6)	(3.8)	(3.7)	(3.7)	(3.7)	(3.8)	(3.6)	(3.6)	(3.7)	(1.9)	(37.2)	(54.3)	(6.7)	(.)	(.)	
IX	4.8	4.8	4.7	4.8	4.4	4.6	4.8	4.8	4.7	0.8	17.5	51.7	27.1	2.9	.	
X	5.3	5.4	4.9	4.8	4.7	4.5	4.8	5.0	4.9	.	19.3	45.2	29.8	5.6	.	
XI	5.4	5.4	5.1	5.0	5.0	4.9	5.0	5.2	5.1	0.4	12.5	50.5	30.0	6.7	.	
XII	4.9	4.8	4.7	5.0	5.1	5.2	5.3	5.0	5.0	.	8.8	62.1	28.6	0.4	.	
Jahr																
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung					
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I		1.9	3.5	25.2	39.8	10.4	7.9	8.3	2.6	0.4	SE					
II		11.0	13.0	10.6	7.5	17.3	19.6	18.1	2.5	0.4	SW					
III		7.2	11.3	8.4	3.9	10.5	17.2	31.7	8.9	0.9	W					
IV		17.7	5.4	5.2	2.0	8.1	19.2	22.7	19.3	0.4	W					
V		11.5	14.8	23.9	3.2	4.7	3.4	17.4	17.4	3.7	E					
VI		12.9	17.9	23.9	3.1	3.3	8.5	10.3	20.6	.	E					
VII		-	-	-	-	-	-	-	-	-	-					
VIII		(11.0)	(23.1)	(11.1)	(11.3)	(5.8)	(12.6)	(10.2)	(13.0)	(1.9)	NE					
IX		7.7	3.2	3.3	12.4	14.6	23.2	19.7	14.7	1.2	SW					
X		9.1	3.5	6.4	11.2	12.2	21.8	22.9	12.9	.	W					
XI		3.4	0.6	3.7	7.4	32.5	26.1	20.7	5.2	0.4	S					
XII		13.4	13.8	15.1	2.0	7.3	23.4	12.1	12.9	.	SW					
Jahr																
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel				
	Beaufort ≥ 6	Beaufort ≥ 8	* ● *	▲	△	≡	⊞ (⊞)	≥ 0.1	≥ 1.0	≥ 10.0						
I	16	2	10	1	2	10	.	14	6	.	17.4	94				
II	17	.	15	.	2	11	.	12	7	1	35.0	93				
III	14	.	12	.	1	12	.	17	7	1	45.5	91				
IV	15	.	8	1	1	8	.	18	10	3	59.0	90				
V	12	.	.	.	.	5	1	12	4	.	14.6	91			
VI	3	.	.	.	.	4	2	6	5	1	27.5	87			
VII	-	-	-	-	-	-	-	-	-	-	-	-				
VIII	(6)	(.)	(.)	(.)	(.)	(.)	(.)	(10)	(6)	(1)	(40.2)	(84)				
IX	19	5	.	.	.	3	3	18	9	1	62.3	83				
X	18	4	.	4	1	3	4	19	16	3	100.0	90				
XI	23	7	.	2	.	6	.	22	15	2	75.2	91				
XII	19	1	7	2	2	4	.	16	12	.	31.9	91				
Jahr																

Bemerkungen: Vom 1.7. bis 5.8. nicht auf Position

1970

Feuerschiff "Elbe 1"

Monat	Lufttemperatur T _L (°C)									Monats- mittel	Wassertemperatur T _W (°C)				Monats- mittel	Temp. Differenz Luft minus Wasser		
	Uhrzeit										Uhrzeit							
	0	3	6	9	12	15	18	21		0	6	12	18					
I	-1.1	-0.9	-1.2	-1.2	-1.0	-0.6	-1.0	-1.1	-1.0	1.9	2.2	1.9	2.0	2.0	-3.0			
II	-0.8	-1.0	-1.0	-1.1	-0.6	-0.1	-0.5	-0.7	-0.7	0.2	0.1	0.2	0.2	0.2	-0.9			
III	1.4	1.2	1.0	1.5	1.8	2.3	1.8	1.6	1.6	0.9	0.9	1.1	1.1	1.0	0.5			
IV	4.3	4.2	4.2	4.7	5.1	5.4	5.0	4.5	4.7	4.3	4.1	4.4	4.4	4.3	0.4			
V	9.4	9.1	9.4	10.3	11.1	11.2	11.2	10.1	10.2	9.1	9.0	9.6	9.7	9.4	0.9			
VI	14.3	13.9	14.2	14.9	15.6	16.1	15.7	14.7	14.9	13.0	12.9	13.6	13.9	13.4	1.6			
VII	15.2	14.8	14.8	15.6	16.3	16.6	16.2	15.4	15.6	15.7	15.7	16.0	16.2	15.9	-0.3			
VIII	16.7	16.3	16.5	17.0	17.4	18.0	17.7	17.1	17.1	17.1	17.1	17.3	17.5	17.3	-0.2			
IX	14.7	14.3	14.0	14.3	15.1	15.6	15.1	14.6	14.7	15.7	15.6	15.7	15.7	15.7	-1.0			
X	11.6	11.4	11.5	11.7	12.0	12.2	11.9	11.7	11.7	13.0	12.9	12.9	13.0	12.9	-1.2			
XI	7.9	7.8	7.6	7.6	8.2	8.2	7.9	7.9	7.9	9.5	9.4	9.5	9.4	9.5	-1.6			
XII	5.1	5.1	4.7	4.7	4.9	4.8	4.9	4.9	4.9	7.1	7.1	7.1	7.2	7.1	-2.2			
Jahr	8.2	8.0	8.0	8.3	8.8	9.2	8.8	8.4	8.5	9.0	8.9	9.1	9.2	9.1	-0.6			
Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:					
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit			
I	4.2	2.	09	-6.5	19.	03	3.6	+	+	0.0	+	+	III	Max.	21. 15 u. 30. 12			
II	3.1	4.	00	-6.5	14.	18	1.6	3.	00	-1.3	18.	21	V	Max.	16. 15 u. 17. 12			
III	5.1	+	+	-2.6	11.	06	3.0	+	+	-0.3	1.	00	V	Min.	1. 21 u. 2. 06			
IV	9.7	19	15	0.6	5.	18	7.3	30.	18	2.4	+	+	VIII	Max.	1. 15 u. 2. 15			
V	15.5	+	+	5.7	+	+	12.3	24.	15	6.7	+	+	X	Max.	2. 06 u. 9. 12			
VI	21.6	27.	15	9.6	1.	21	16.6	19.	15	10.2	5.	03	XI	Min.	7. 00 u. 7. 18			
VII	23.0	7.	12	11.4	2.	06	18.0	7.	18	12.2	1.	03	XII	Min.	27. 09 u. 27. 12			
VIII	20.4	+	+	13.8	18.	03	18.9	6.	18	16.1	3.	00						
IX	18.5	2.	15	9.2	27.	06	17.6	2.	15	14.1	24.	03						
X	15.7	+	+	7.3	23.	12	15.0	+	+	10.4	29.	12						
XI	13.1	1.	06	2.5	+	+	14.4	1.	15	8.2	16.	06						
XII	9.5	5.	12	-2.5	+	+	9.0	+	+	4.0	31.	15						
Jahr																		
Monat	Bewölkung N (0-10)									Monats- mittel	Luftdruck P (1000 + Δp) mb							Monats- mittel
	Uhrzeit										Uhrzeit							
	0	3	6	9	12	15	18	21		0	3	6	9	12	15	18	21	
I	8.3	8.4	7.9	7.7	7.3	7.3	7.7	7.8	7.8	11.2	11.0	10.9	11.5	11.5	11.1	11.4	11.7	11.3
II	7.7	7.5	7.5	8.1	8.3	7.2	7.5	7.5	7.6	5.5	5.2	5.1	5.7	6.2	6.0	6.1	5.8	5.7
III	6.3	5.7	6.6	7.3	7.5	6.6	7.1	5.4	6.5	9.4	8.3	8.5	8.0	7.9	7.7	8.2	7.8	8.2
IV	6.6	7.2	7.5	7.5	7.2	7.5	6.7	6.8	7.1	9.1	8.4	8.4	8.9	9.1	9.4	9.7	10.2	9.1
V	3.8	4.2	5.1	5.6	5.7	5.8	6.1	5.6	5.3	15.8	15.4	15.6	15.9	15.9	15.7	15.4	16.0	15.7
VI	3.1	4.0	4.1	3.5	3.8	3.8	3.4	3.8	3.7	18.8	18.4	18.5	19.0	19.0	18.6	18.0	18.3	18.6
VII	7.5	7.7	7.1	6.5	6.0	6.8	6.8	6.9	6.9	11.5	11.0	11.0	11.3	11.7	11.8	11.8	12.1	11.5
VIII	3.7	4.1	4.8	5.2	4.6	4.6	4.4	4.0	4.4	16.3	15.9	15.7	16.0	16.1	15.9	15.6	15.8	15.9
IX	5.7	6.2	7.8	8.2	6.8	6.7	6.9	5.2	6.7	15.7	15.1	14.9	15.4	15.8	15.6	15.6	15.8	15.5
X	6.8	7.0	7.6	7.0	7.2	7.4	8.1	6.7	7.2	14.5	13.9	13.9	14.7	15.1	15.0	15.1	15.1	14.7
XI	7.6	8.1	7.9	7.7	7.5	7.7	8.1	7.7	7.8	7.4	7.2	7.0	7.5	7.7	7.4	7.5	7.3	7.4
XII	7.1	6.7	6.3	8.0	7.6	7.3	7.0	6.3	7.0	20.4	20.2	19.8	20.1	20.2	20.1	20.3	20.8	20.2
Jahr	6.2	6.4	6.7	6.9	6.6	6.6	6.7	6.1	6.5	13.0	12.5	12.4	12.8	13.0	12.9	12.9	13.1	12.8

Bemerkungen: Vom 11.3. 18 h - 13.3. 06 h
 Beobachtungen durch "Elbe 3" auf Pos. "Elbe 1"
 jedoch nur 4 Beobachtungen pro Tag!

Feuerschiff " Elbe 1 "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	4.5	4.5	4.5	4.4	4.3	4.2	4.5	4.5	4.4	2.4	16.9	50.8	29.8	.	.	
II	4.3	4.4	4.2	4.3	4.3	4.0	4.1	3.9	4.2	0.9	25.0	47.7	26.4	.	.	
III	4.2	4.1	4.5	4.3	4.6	4.6	4.2	4.1	4.3	.	21.9	54.7	23.5	.	.	
IV	3.7	3.8	3.9	3.9	4.1	4.2	4.2	4.2	4.0	.	23.4	54.6	22.1	.	.	
V	4.4	4.1	3.8	3.9	3.9	4.0	4.0	4.3	4.0	0.4	22.1	54.4	22.5	0.4	.	
VI	3.5	3.4	3.3	3.3	3.1	3.3	3.6	3.7	3.4	1.7	26.7	62.9	8.7	.	.	
VII	4.1	4.3	4.3	4.3	4.1	4.0	4.1	4.1	4.2	0.8	14.9	62.1	22.1	.	.	
VIII	3.4	3.3	3.2	3.4	3.4	3.4	3.5	3.4	3.4	2.0	35.1	55.7	7.3	.	.	
IX	4.6	4.6	4.6	4.7	4.1	4.2	4.5	4.5	4.5	2.1	16.6	47.9	32.5	0.8	.	
X	5.1	5.1	4.9	4.7	4.5	4.3	4.6	4.9	4.8	0.8	19.7	42.4	33.0	4.0	.	
XI	5.5	5.4	5.1	4.9	5.0	5.2	5.2	5.3	5.2	0.4	11.3	45.1	36.6	6.7	.	
XII	4.6	4.8	4.8	5.0	4.9	4.9	5.2	4.9	4.9	.	11.7	59.3	29.1	.	.	
Jahr	4.3	4.3	4.3	4.3	4.2	4.2	4.3	4.3	4.3	1.0	20.4	53.1	24.5	1.0	.	
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung					
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I	1.5	5.1	<u>38.7</u>	26.7	8.4	7.2	8.4	1.6	2.4	E						
II	11.4	13.4	<u>11.1</u>	12.0	15.2	<u>19.8</u>	14.0	2.2	0.9	SW						
III	6.5	7.2	11.8	2.9	10.1	<u>17.7</u>	<u>31.7</u>	11.7	0.4	W						
IV	13.3	3.5	7.0	0.6	9.4	15.3	<u>27.4</u>	23.5	.	W						
V	10.0	16.3	<u>23.8</u>	3.8	5.1	3.1	<u>17.2</u>	20.2	0.5	E						
VI	18.2	13.5	<u>21.7</u>	4.3	2.7	8.2	13.6	16.1	1.7	E						
VII	3.9	1.6	3.8	3.7	10.2	18.0	<u>41.4</u>	16.6	0.8	W						
VIII	17.5	18.7	<u>18.9</u>	8.4	5.3	9.9	<u>8.3</u>	11.0	2.0	E						
IX	8.2	0.9	<u>5.6</u>	10.0	17.3	18.9	<u>25.8</u>	11.2	2.1	W						
X	8.2	1.9	11.4	7.4	15.0	16.2	<u>28.3</u>	10.8	0.8	W						
XI	1.7	2.0	4.1	8.4	<u>32.5</u>	22.6	<u>22.4</u>	5.9	0.4	S						
XII	18.2	13.3	10.5	2.0	<u>8.2</u>	<u>20.7</u>	15.9	11.2	.	SW						
Jahr	9.9	8.1	14.0	7.5	11.6	14.8	<u>21.2</u>	11.8	1.0	W						
Monat	Anzahl der Tage mit:								Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel			
	Beaufort ≥ 6	Beaufort ≥ 8	* ● *	▲	△	≡	⊞ (⊞)	Niederschlag, mm	≥ 0.1	≥ 1.0	≥ 10.0					
I	17	.	10	.	2	7	.	14	7	.	23.4	89				
II	16	.	14	2	.	9	.	16	8	1	40.5	90				
III	15	.	13	2	.	9	.	20	8	1	33.6	90				
IV	11	.	9	1	.	5	.	19	11	2	77.3	87				
V	14	1	.	.	.	6	.	9	5	.	12.0	85				
VI	4	.	.	.	.	4	1	6	3	1	21.6	84			
VII	11	1	.	.	.	-	1	21	13	3	91.1	83				
VIII	8	.	.	.	.	2	1	7	6	2	49.2	83			
IX	19	3	.	.	.	2	.	15	9	2	89.4	83				
X	19	8	.	2	.	3	.	19	16	4	104.3	83				
XI	24	8	.	.	.	3	.	20	10	4	75.5	86				
XII	20	1	9	1	.	1	.	20	9	1	37.6	83				
Jahr	178	22	55	8	2	51	3	186	105	21	655.5	86				
Bemerkungen: Vom 11.3. 18 Uhr - 13.3. 06 Uhr nur 4 Beobachtungen am Tag.																

1970

Feuerschiff "Elbe 2"

Monat	Lufttemperatur T _L (°C)								Monats- mittel	Wassertemperatur T _W (°C)				Monats- mittel	Temp. Differenz Luft minus Wasser
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21		0	6	12	18		
I	-1.4		-1.5		-1.1		-1.3		-1.3	-1.1	-1.1	-0.6	-0.8	-0.9	+0.4
II	-0.9		-0.9		-0.5		-0.6		-0.7	-0.8	-0.8	-0.7	-0.8	-0.8	0.0
III	1.2		0.9		1.8		1.9		1.4	0.8	0.9	1.0	1.0	0.9	0.5
IV	4.0		4.0		5.3		4.8		4.5	4.5	4.5	4.7	4.8	4.6	-0.1
V	9.6		9.7		11.9		11.3		10.6	10.3	10.5	10.8	10.8	10.6	0.0
VI	14.8		15.1		17.3		16.5		15.9	15.1	14.9	15.6	15.5	15.3	0.6
VII	15.2		15.1		16.7		16.3		15.8	16.3	16.3	16.5	16.6	16.4	-0.6
VIII	16.7		16.3		18.3		17.7		17.2	17.6	17.6	17.9	17.9	17.8	-0.5
IX	14.1		13.7		15.4		14.8		14.5	15.3	15.2	15.3	15.2	15.3	-0.7
X	11.3		11.1		12.0		11.4		11.5	12.2	12.1	12.2	12.0	12.1	-0.7
XI	8.0		7.4		8.3		7.7		7.9	8.4	8.2	8.5	8.2	8.3	-0.5
XII	4.7		4.5		4.8		4.4		4.6	5.7	5.5	5.6	5.4	5.6	-1.0
Jahr	8.1		8.0		9.2		8.7		8.5	8.7	8.7	8.9	8.8	8.8	-0.3

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhr- zeit	Min.	Dat.	Uhr- zeit	Max.	Dat.	Uhr- zeit	Min.	Dat.	Uhr- zeit	Monat	T _L	Tag und Uhrzeit
I	2.5	11.	12	-6.8	1.	00	2.5	2.	06	-1.5	+	+	III	Max.	22. 06 u. 31. 00
II	4.0	6.	06	-6.6	2.	00	0.5	4.	12	-1.8	28.	06	IV	Max.	23. 18 u. 24. 12
III	5.0	+	+	-2.4	8.	06	3.0	+	+	-0.8	1.	06	Monat T _W Tag und Uhrzeit		
IV	8.8	+	+	0.1	14.	06	7.8	+	+	2.1	8.	00	I	Min.	1. 06, 5. 12, 5. 18, 6. 06, 9. 06, 9. 18, 7. 00
V	17.0	25.	12	5.5	1.	00	12.8	+	+	7.3	1.	00	III	Max.	23. 12 u. 31. 12
VI	23.5	27.	12	8.7	2.	00	19.0	26.	12	11.5	2.	00	IV	Max.	29. 12 u. 30. 12
VII	23.8	8.	12	12.0	3.	00	18.5	+	+	14.5	3.	00	V	Max.	15. 12, 30. 12 u. 31. 18
VIII	21.5	2.	12	14.4	18.	06	19.9	7.	12	16.5	+	+	VII	Max.	11. 00 u. 11. 12
IX	17.8	8.	12	8.2	29.	06	18.2	1.	06	13.2	28.	18	VIII	Min.	19. 06, 20. 06, 21. 06, 21. 18, 22. 00, 23. 00, 23. 06 u. 27. 00
X	16.4	1.	12	7.5	24.	00	14.2	+	+	9.8	22.	12	X	Max.	2. 00 u. 1. 12
XI	13.1	1.	06	2.1	7.	12	11.2	+	+	4.9	23.	00	XI	Max.	3. 12 u. 2. 12
XII	10.0	10.	12	-2.5	31.	18	8.4	1.	12	2.3	+	+	XII	Min.	27. 12 u. 28. 06
Jahr															

Monat	Bewölkung N (0-10)								Monats- mittel	Luftdruck P (1000 + Δp) mb								Monats- mittel
	Uhrzeit									Uhrzeit								
	0	3	6	9	12	15	18	21		0	3	6	9	12	15	18	21	
I	7.5		8.0		8.6		7.9		8.0	11.8		11.7		12.0		12.0		11.9
II	8.3		9.0		8.8		8.1		8.5	5.7		5.6		6.6		6.9		6.2
III	6.3		8.4		8.4		8.8		8.0	9.6		8.9		8.8		8.5		9.0
IV	8.4		8.8		8.3		8.2		8.4	9.2		8.9		9.4		9.6		9.3
V	7.0		6.8		6.7		6.9		6.8	15.8		15.7		16.0		15.6		15.8
VI	4.5		4.7		5.0		4.5		4.7	18.1		18.0		18.2		17.3		17.9
VII	7.7		7.9		7.1		7.5		7.5	11.0		10.9		11.5		11.7		11.3
VIII	4.4		6.3		5.0		5.0		5.2	16.5		16.3		16.5		16.0		16.3
IX	6.5		7.9		7.2		7.0		7.2	16.1		15.1		16.4		16.2		16.0
X	6.7		8.5		8.0		7.5		7.7	14.7		14.3		15.6		15.6		15.1
XI	7.8		8.3		7.5		7.3		7.7	7.6		7.4		8.0		7.8		7.7
XII	6.6		7.4		7.6		6.6		7.0	21.2		20.8		20.8		21.3		21.0
Jahr	6.8		7.7		7.4		7.1		7.2	13.1		12.8		13.3		13.2		13.1

Bemerkungen: Am 30.9. keine Beobachtung
ab 9.10. neue Position: Von 8° 24'E auf 8° 21,5'E, Breite unverändert

Feuerschiff " Elbe 2 "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit								Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21		0	1-3	4-5	6-7	8-9	10-12
I	4.8		4.8		4.4		4.8		4.7	.	24.4	34.9	40.6	.	.
II	4.6		4.4		4.5		4.3		4.5	.	30.9	36.4	28.1	4.5	.
III	4.7		4.9		4.9		4.9		4.8	.	20.1	45.2	30.7	4.0	.
IV	4.5		4.4		4.7		4.5		4.5	1.7	25.0	41.7	29.2	2.5	.
V	4.7		4.7		4.2		4.3		4.5	4.0	27.4	29.8	36.3	2.4	.
VI	3.7		3.6		3.2		3.6		3.5	2.6	32.1	57.4	7.8	.	.
VII	4.8		4.9		4.7		4.6		4.7	.	25.7	32.2	40.3	1.6	.
VIII	3.8		3.6		3.9		3.9		3.8	5.6	36.4	46.8	11.3	.	.
IX	5.1		4.9		4.8		4.9		5.0	.	18.4	46.7	32.5	2.5	.
X	5.3		5.1		4.6		4.6		4.9	.	25.8	33.0	33.9	7.2	.
XI	5.9		5.5		5.2		5.7		5.6	.	14.2	37.5	30.8	14.2	3.3
XII	4.9		5.0		5.2		5.3		5.1	.	13.7	58.9	27.4	.	.
Jahr	4.7		4.7		4.5		4.6		4.6	1.2	24.5	41.7	29.1	3.2	0.3
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung				
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0						
I	3.3	2.8	34.1	34.9	8.5	9.3	4.1	3.0	.	SE					
II	5.9	23.3	8.1	10.3	13.3	23.1	12.1	3.8	.	NE					
III	5.2	13.2	7.0	5.6	13.3	22.9	21.3	11.5	.	SW					
IV	17.1	3.3	4.4	2.5	12.6	22.8	11.1	24.5	1.7	NW					
V	8.4	13.5	24.2	4.9	3.8	5.5	8.3	27.4	4.0	NW					
VI	12.2	15.8	21.6	3.6	2.9	8.0	12.9	20.4	2.6	E					
VII	4.2	0.4	5.0	4.0	10.5	26.1	32.2	16.8	0.8	W					
VIII	18.7	16.4	17.5	6.8	7.8	10.3	4.6	12.3	5.6	N					
IX	7.4	3.7	4.8	13.2	15.7	27.4	14.9	12.9	.	SW					
X	6.2	1.2	7.1	13.1	13.4	26.2	15.1	17.7	.	SW					
XI	2.3	0.4	2.0	4.2	32.1	28.1	17.8	13.1	.	SW					
XII	20.3	13.0	8.6	2.8	13.5	17.7	10.4	13.7	.	N					
Jahr	9.3	8.9	12.0	8.8	12.3	19.0	13.7	14.8	1.2	SW					
Monat	Anzahl der Tage mit:								Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel		
	Beaufort ≥ 6	Beaufort ≥ 8	✱ ● ✱	▲	△ △	≡	⊞ (⊞)	Niederschlag, ≥ 0.1	≥ 1.0	≥ 10.0					
I	20	.	11	1	1	12	.	15	10	.	43.9	88			
II	18	5	16	1	.	9	.	14	9	1	47.0	90			
III	19	4	13	.	.	6	.	22	10	1	59.4	90			
IV	17	3	9	2	.	6	.	23	16	5	96.7	89			
V	17	2	.	.	.	3	.	12	7	.	20.7	88			
VI	5	.	.	.	.	1	1	6	4	1	22.0	84			
VII	20	2	.	.	.	.	2	19	12	4	71.2	82			
VIII	10	.	.	.	.	1	.	7	5	1	35.1	83			
IX	19	6	.	.	.	.	.	16	7	1	57.0	82			
X	21	5	.	1	.	.	.	19	17	1	93.2	85			
XI	22	10	.	3	.	3	3	23	16	3	103.4	86			
XII	21	1	8	1	.	4	.	18	13	.	35.6	85			
Jahr	209	38	57	9	1	45	6	194	126	18	685.2	86			
Bemerkungen: Am 30.9. keine Beobachtung ab 9.10. neue Position: von 8° 24'E auf 8° 21,5'E, Breite unverändert.															

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Feuerschiff "Elbe 3"

Monat	Lufttemperatur T _L (°C)								Monats- mittel	Wassertemperatur T _W (°C)				Monats- mittel	Temp. Differenz Luft minus Wasser
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21		0	6	12	18		
I	-2.1		-2.1		-1.6		-1.8		-1.9	-0.8	-0.8	-0.8	-0.8	-0.8	-1.1
II	-1.6		-1.6		-0.5		-0.8		-1.1	-0.7	-0.7	-0.7	-0.7	-0.7	-0.4
III	1.2		0.8		1.9		1.8		1.5	1.1	1.1	1.2	1.3	1.2	0.3
IV	4.1		4.1		5.5		4.9		4.7	4.9	4.7	5.2	5.2	5.0	-0.4
V	9.5		9.7		12.8		11.9		11.0	10.9	11.0	11.5	11.3	11.2	-0.2
VI	15.0		14.9		17.6		17.2		16.2	15.9	15.9	16.5	16.5	16.2	-0.0
VII	15.1		14.9		17.0		16.2		15.8	16.7	16.8	16.8	17.0	16.8	-1.0
VIII	16.4		15.9		18.2		17.8		17.1	17.9	17.8	18.0	18.0	17.9	-0.9
IX	13.6		13.3		15.4		14.5		14.2	15.2	15.1	15.3	15.2	15.2	-1.0
X	10.5		10.2		11.2		10.7		10.7	11.6	11.5	11.6	11.5	11.6	-0.9
XI	7.1		6.5		7.9		7.1		7.2	7.8	7.7	7.8	7.8	7.8	-0.6
XII	4.0		3.7		4.0		3.7		3.9	5.2	5.2	5.2	5.1	5.2	-1.3
Jahr	7.7		7.5		9.1		8.6		8.3	8.8	8.8	9.0	9.0	8.9	-0.6

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	2.4	26.	06	-8.0	1.	00	1.3	8.	18	-1.5	9.	12	II	Max.	4. 00 u. 25. 12
II	2.0	+	+	-7.5	2.	00	0.2	10.	06	-1.2	+	+	XII	Max.	5. 18 u. 10. 12
III	5.0	22.	06	-2.7	11.	06	3.5	+	+	-0.5	+	+	XII	Min.	27. 06, 27. 12, 27. 18 u. 28. 00
IV	9.8	25.	12	0.3	14.	06	8.0	+	+	1.0	6.	06	II	Min.	1. 00, 1. 06, 1. 12, 1. 18, 15. 06, 17. 06, 18. 18, 19. 00 u. 19. 06
V	19.0	25.	12	5.5	2.	00	14.0	30.	12	8.0	+	+	III	Max.	30. 12, 30. 18 u. 31. 00
VI	23.0	22.	18	9.6	2.	00	20.0	23.	18	12.4	3.	00	III	Min.	1. 00 u. 8. 06
VII	24.3	8.	12	11.8	20.	18	18.8	10.	18	15.2	4.	06	IV	Max.	26. 18, 27. 12, 28. 12, 28. 18, 29. 00, 29. 12, 29. 18, 30. 00, 30. 06 u. 30. 18
VIII	21.5	23.	12	13.9	29.	06	19.8	+	+	16.5	+	+	V	Min.	1. 00, 1. 06, 1. 18 u. 2. 00
IX	18.2	8.	12	7.8	27.	06	18.2	+	+	13.4	+	+	VIII	Max.	6. 06 u. 7. 18
X	14.4	6.	12	6.0	23.	00	13.8	1.	00	9.0	30.	06			
XI	12.6	2.	12	1.4	7.	06	11.0	1.	18	6.4	+	+			
XII	8.0	+	+	-3.2	+	+	8.0	+	+	1.6	31.	18			
Jahr															

Monat	Bewölkung N (0-10)									Monats- mittel	Luftdruck P (1000 + Δp) mb								Monats- mittel
	Uhrzeit										Uhrzeit								
	0	3	6	9	12	15	18	21		0	3	6	9	12	15	18	21		
I	8.3		8.4		8.1		8.3		8.3	11.5		11.0		12.0		11.8		11.6	
II	7.2		7.8		8.6		8.2		8.0	5.5		5.3		6.5		6.3		5.9	
III	6.3		8.8		7.5		8.1		7.7	8.3		7.7		7.7		7.4		7.8	
IV	7.7		7.8		7.6		7.4		7.6	8.5		8.3		8.9		9.4		8.8	
V	5.2		6.3		5.6		6.7		6.0	15.0		15.3		15.6		15.2		15.4	
VI	4.0		4.2		4.5		4.1		4.2	18.3		18.1		18.7		17.6		18.2	
VII	8.6		7.5		7.1		7.5		7.6	11.1		11.0		11.7		11.6		11.4	
VIII	3.5		5.8		5.2		4.6		4.8	16.0		15.6		16.0		15.3		15.7	
IX	5.8		7.5		6.8		7.1		6.8	15.7		15.0		15.8		15.6		15.5	
X	6.8		7.9		7.8		7.2		7.4	14.3		13.7		14.9		14.9		14.5	
XI	8.3		7.7		7.7		8.1		8.0	8.2		7.9		8.2		8.2		8.1	
XII	7.0		7.4		7.1		5.8		6.8	20.6		20.1		20.4		21.0		20.5	
Jahr	6.6		7.3		7.0		6.9		6.9	12.8		12.4		13.0		12.9		12.8	

Bemerkungen: Vom 11.3. 18⁰⁰ bis 13.3. 15⁰⁰ auf Pos. F.S. "Elbe 1"

Fortsetzung: Mehrfach vorkommende Extremwerte:

- VIII Min. 22. 06, 23. 06 u. 24. 06
- IX Max. 1. 00 u. 1. 12
- IX Min. 28. 12, 29. 12 u. 29. 18
- XI Min. 18. 06 u. 22. 06
- XII Max. 2. 12, 2. 18 u. 3. 00

Feuerschiff " Elbe 3 "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit								Monats mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21		0	1-3	4-5	6-7	8-9	10-12
I	4.0		4.2		3.6		3.9		3.9	4.0	32.3	38.7	25.0	.	.
II	4.1		4.3		4.3		4.1		4.2	6.3	24.1	43.7	24.2	1.8	.
III	4.7		4.3		4.9		4.8		4.7	0.9	20.7	49.1	29.3	.	.
IV	4.4		4.4		4.6		4.6		4.5	1.7	27.5	47.5	22.5	0.8	.
V	4.8		4.5		4.1		4.7		4.5	0.8	25.8	46.0	27.4	.	.
VI	4.4		4.3		4.0		4.7		4.3	.	26.6	65.0	8.3	.	.
VII	4.8		4.9		4.6		4.4		4.7	2.4	14.5	55.7	27.5	.	.
VIII	4.2		3.8		3.9		4.1		4.0	.	33.0	55.6	11.3	.	.
IX	5.1		4.9		4.5		4.7		4.8	.	17.6	55.0	24.1	3.3	.
X	4.9		4.5		4.5		4.5		4.6	0.8	22.6	54.0	17.8	4.8	.
XI	4.8		4.6		4.2		4.5		4.5	2.5	23.4	45.8	23.4	5.0	.
XII	4.2		4.3		4.5		4.6		4.4	0.8	15.5	64.2	19.5	.	.
Jahr	4.5		4.4		4.3		4.5		4.4	1.7	23.6	51.7	21.7	1.3	.
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung				
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0						
I		1.3	2.4	<u>39.0</u>	35.2	2.3	8.2	5.2	2.4	4.0	E				
II		6.2	15.4	<u>10.5</u>	15.3	10.4	14.4	<u>18.9</u>	2.6	6.3	W				
III		7.4	8.5	6.9	5.8	8.9	16.5	<u>37.0</u>	8.1	0.9	W				
IV		11.3	4.7	6.8	3.0	8.4	14.4	21.8	<u>27.9</u>	1.7	NW				
V		7.1	12.4	<u>25.2</u>	6.6	3.9	2.6	18.1	<u>23.3</u>	0.8	E				
VI		12.1	8.7	<u>27.7</u>	5.1	3.7	8.2	11.8	22.7	.	E				
VII		2.9	2.8	3.0	5.0	7.1	18.3	<u>40.8</u>	17.7	2.4	W				
VIII		20.7	12.9	<u>20.9</u>	13.9	3.0	9.7	<u>9.9</u>	9.0	.	E				
IX		7.9	2.9	<u>3.8</u>	14.9	11.5	<u>28.6</u>	17.5	12.9	.	SW				
X		9.6	3.8	9.8	9.4	12.0	<u>25.7</u>	16.5	12.4	0.8	SW				
XI		3.1	.	5.6	12.6	24.2	<u>30.8</u>	15.9	5.3	2.5	SW				
XII		16.3	10.3	11.6	1.2	4.8	<u>29.9</u>	9.1	16.0	0.8	W				
Jahr		8.8	7.1	14.2	10.7	8.4	17.3	<u>18.5</u>	13.4	1.7	W				
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel			
	Beaufort ≥ 6	Beaufort ≥ 8	* * *	▲	△	≡	⌚ (⌚)	≥ 0.1	≥ 1.0	≥ 10.0					
I	12	.	11	.	1	11	.	9	7	.	18.1	91			
II	17	1	17	3	.	12	.	15	8	1	37.3	91			
III	18	.	13	.	1	12	.	20	9	.	36.2	92			
IV	15	1	7	4	1	2	.	20	16	2	74.5	90			
V	17	3	.	.	.	3	.	9	5	.	26.7	88			
VI	10	.	.	.	.	.	.	6	6	.	19.1	85			
VII	20	.	.	.	.	.	2	17	14	5	111.0	87			
VIII	10	.	.	.	.	1	.	7	6	1	46.7	88			
IX	18	2	.	.	.	2	1	20	11	1	78.3	89			
X	15	5	1	4	.	5	.	21	18	3	128.5	92			
XI	16	3	1	1	1	7	2	21	17	2	108.2	91			
XII	12	.	7	.	.	4	.	19	11	.	40.1	91			
Jahr	180	15	57	12	4	59	5	184	128	15	724.7	90			
Bemerkungen: Vom 11.3. 18** bis 13.3. 15** auf Position FS Elbe 1															

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Leuchtturm "Kiel"

Monat	Lufttemperatur T _L (°C)									Wassertemperatur T _W (°C)					Temp. Differenz Luft minus Wasser
	Uhrzeit									Uhrzeit					
	0	3	6	9	12	15	18	21	Monatsmittel	0	6	12	18	Monatsmittel	
I	-1.9	-2.0	-2.0	-1.9	-1.6	-1.7	-1.7	-1.6	-1.8	-0.3	-0.3	-0.3	-0.3	-0.3	-1.5
II	-1.7	-2.0	-2.3	-2.0	-1.4	-0.9	-1.2	-1.0	-1.6	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
III	0.6	0.4	0.4	0.8	1.4	1.5	1.2	0.8	0.9	-0.1	-0.1	-0.1	-0.0	-0.1	1.0
IV	2.9	2.6	2.8	3.4	4.1	4.5	4.0	3.5	3.5	2.3	2.3	2.4	2.5	2.4	1.1
V	7.8	7.4	7.6	8.4	9.5	9.6	9.8	8.7	8.6	7.5	7.4	7.6	7.9	7.6	1.0
VI	14.3	13.8	14.1	15.3	16.1	16.8	16.7	15.4	15.3	14.9	14.7	15.1	15.4	15.0	0.3
VII	14.4	13.9	14.2	15.7	16.9	16.8	16.5	15.6	15.5	16.5	16.3	16.5	16.7	16.5	-1.0
VIII	16.0	15.4	15.6	16.5	17.3	17.9	17.7	17.0	16.7	17.3	17.1	17.4	17.6	17.3	-0.7
IX	12.9	12.5	12.6	13.5	14.3	14.4	14.2	13.3	13.4	15.2	15.0	15.1	15.1	15.1	-1.7
X	10.0	9.8	9.9	10.4	10.8	10.9	10.5	10.1	10.3	12.2	12.1	12.1	12.1	12.1	-1.8
XI	6.5	6.4	6.3	6.5	6.7	6.9	6.6	6.5	6.6	8.6	8.6	8.6	8.5	8.6	-2.0
XII	4.0	3.9	4.0	3.9	4.0	4.0	3.9	3.7	3.9	5.6	5.7	5.7	5.7	5.7	-1.7
Jahr	7.2	6.8	6.9	7.5	8.2	8.4	8.2	7.7	7.6	8.2	8.2	8.3	8.4	8.3	-0.7

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	1.6	26.	12	-6.1	1.	18	1.3	+	+	-0.9	+	+	II	Min.	2. 00 u. 2. 03
II	2.8	4.	03	-8.2	+	+	-0.5	+	+	-1.0	+	+	III	Min.	1. 00 u. 1. 03
III	4.6	22.	09	-3.1	+	+	1.1	+	+	-0.9	+	+	V	Min.	2. 03, 2. 06 u. 2. 12
IV	8.7	24.	15	-1.4	9.	00	5.0	+	+	-0.7	+	+	IX	Max.	2. 18 u. 15. 15
V	14.8	27.	18	4.0	+	+	11.4	30.	18	4.6	+	+	IX	Min.	29. 03 u. 29. 06
VI	23.5	21.	18	8.2	2.	03	19.8	21.	18	10.2	+	+	XII	Max.	10. 09 u. 9. 06
VII	22.1	9.	18	10.7	15.	03	18.7	9.	18	15.1	4.	06			
VIII	21.6	6.	15	13.0	12.	03	20.3	7.	15	16.0	+	+			
IX	17.7	+	+	7.5	+	+	17.8	1.	00	13.6	+	+			
X	14.9	6.	12	5.3	24.	03	13.6	+	+	10.3	+	+	II	Max.	4. 21, 5. 00, 5. 03, 5. 06, 5.09, 6.09, 6. 12, 6. 15, 25. 18 u. 27. 15
XI	12.8	1.	06	0.5	7.	06	10.6	+	+	7.1	29.	9	II	Min.	2. 00, 2. 03, 2. 06,
XII	8.2	+	+	-3.5	31.	06	7.5	+	+	3.3	+	+			
Jahr															

Monat	Bewölkung N (0-10)									Luftdruck P (1000 + Δp) mb								
	Uhrzeit									Uhrzeit								
	0	3	6	9	12	15	18	21	Monatsmittel	0	3	6	9	12	15	18	21	Monatsmittel
I	8.2	8.6	8.5	8.3	8.4	8.8	9.4	9.1	8.7	14.7	14.5	14.3	15.0	14.9	14.6	14.9	15.3	14.8
II	8.0	7.7	8.8	8.5	8.7	9.0	8.9	8.7	8.5	8.5	7.4	7.2	7.9	8.2	8.1	8.5	7.8	8.0
III	8.6	8.8	9.0	8.4	8.5	8.6	8.6	7.8	8.5	9.2	8.6	8.3	8.5	8.4	7.7	7.8	7.9	8.3
IV	6.3	6.9	8.4	8.3	8.4	8.4	7.7	7.7	7.7	8.1	7.6	7.5	7.9	8.2	8.2	8.4	9.1	8.1
V	4.9	6.5	6.0	5.8	6.4	5.6	6.5	6.6	6.1	15.6	15.1	15.4	15.8	15.8	15.4	15.2	15.7	15.5
VI	3.2	4.6	5.1	5.2	4.4	4.1	4.0	4.8	4.4	18.6	18.3	18.4	18.8	18.8	18.3	17.8	18.2	18.4
VII	7.7	7.4	7.9	7.5	7.5	7.9	7.3	7.4	7.6	11.2	10.6	10.9	11.2	11.4	11.4	11.2	11.8	11.2
VIII	3.7	5.0	5.7	5.9	6.1	5.8	6.5	5.0	5.5	16.5	16.1	16.3	16.5	16.5	16.0	15.7	16.1	16.2
IX	5.8	6.1	7.3	7.4	7.8	7.5	7.2	6.8	7.0	16.2	15.7	15.5	15.8	16.1	15.8	15.7	16.0	15.9
X	8.2	8.2	8.9	8.1	7.5	7.8	7.9	7.8	8.0	14.4	13.8	13.5	14.3	14.6	14.5	14.8	14.9	14.4
XI	8.6	8.7	8.8	8.6	8.5	8.4	8.5	8.6	8.6	8.4	8.4	8.3	8.8	8.8	8.7	8.9	8.5	8.6
XII	8.0	8.4	8.1	8.4	8.4	8.1	8.3	7.8	8.1	21.1	23.8	20.2	20.5	20.5	20.3	20.5	20.9	20.8
Jahr	6.8	7.2	7.7	7.5	7.6	7.5	7.6	7.3	7.4	13.5	13.3	13.0	13.4	13.5	13.3	13.3	13.5	13.4

Fortsetzung: Mehrfach vorkommende Extremwerte:

II Min.	2. 09, 2. 12, 2. 15, 2. 18	IV Min.	3. 06 u. 3. 09	X Max.	u. 1. 18
	2. 21 u. 3. 00	V Min.	6. 09 u. 6. 12	X Min.	29. 09, 30. 3 u. 30. 6
III Max.	31. 09, u. 31. 12	VI Min.	2. 06 u. 2. 09	XI Max.	1. 15, 1. 18, 1. 21,
III Min.	1. 00, 1. 03, 1. 06, 1. 09, VIII Min.	VII Min.	1. 06, 4. 03, 20. 18,	XII Max.	1. 09 u. 1. 12
	1. 12, 1. 15, 1. 18, 2. 06,	IX Min.	20. 21, 21. 00 u. 21. 03	XII Min.	31. 06, 31. 09,
	2. 09 u. 8. 03	X Max.	30. 03 u. 30. 15		31. 12, 31. 15,
IV Max.	27. 15, 30. 18 u. 30. 21		1. 00, 1. 03, 1. 15		31. 18 u. 31. 21

Leuchtturm "Kiel"

Monat	Windstärke F (Beaufort 0-12) Uhrzeit									Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21	0		1-3	4-5	6-7	8-9	10-12	
I	4.4	4.5	4.3	4.3	4.0	4.4	4.6	4.6	4.4	1.2	27.0	48.8	19.8	3.2	.	
II	4.3	4.5	4.6	4.5	4.5	4.3	4.1	4.2	4.4	0.4	27.7	49.1	21.5	1.3	.	
III	4.3	4.2	4.1	4.3	4.6	4.6	4.5	4.4	4.4	0.4	23.3	55.2	19.3	1.6	.	
IV	4.2	4.1	4.1	4.2	4.0	4.1	4.2	3.9	4.1	.	31.6	51.2	17.1	.	.	
V	4.1	3.9	3.6	3.4	3.7	3.9	4.0	4.2	3.8	3.6	38.3	37.9	18.9	1.2	.	
VI	3.3	3.0	2.9	3.0	2.8	3.1	3.3	3.3	3.1	2.1	60.9	33.0	4.2	.	.	
VII	4.1	4.0	3.9	3.9	3.6	3.9	3.7	3.8	3.9	0.8	32.3	61.3	5.6	.	.	
VIII	3.6	3.4	3.1	3.5	3.3	3.5	3.5	3.5	3.4	2.4	45.2	45.9	6.4	.	.	
IX	4.2	4.3	4.4	4.5	4.5	4.4	3.9	4.2	4.3	0.8	22.1	62.1	14.6	0.4	.	
X	4.6	4.5	4.6	4.5	4.4	4.5	4.6	4.7	4.5	0.4	23.8	51.2	20.1	4.4	.	
XI	4.9	4.8	4.9	4.7	4.5	4.2	4.5	4.7	4.7	.	17.2	56.2	21.5	5.0	.	
XII	4.8	4.6	4.6	4.7	4.6	4.8	4.8	4.7	4.7	0.4	10.9	66.7	21.9	.	.	
Jahr	4.1	4.2	4.1	4.1	4.0	4.1	4.1	4.2	4.1	1.0	30.0	51.6	15.9	1.4	.	
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent											Häufigste Windrichtung				
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0							
I	1.9	6.9	<u>33.2</u>	30.8	4.2	10.3	6.3	5.2	1.2	E						
II	7.0	12.9	<u>16.2</u>	15.2	10.5	<u>20.2</u>	12.0	5.6	0.4	SW						
III	3.2	5.3	<u>13.5</u>	5.5	10.8	<u>27.1</u>	24.5	9.7	0.4	SW						
IV	5.1	3.2	5.8	3.9	8.9	27.9	<u>30.7</u>	14.5	.	W						
V	3.0	10.2	<u>35.2</u>	4.3	1.8	6.3	<u>24.8</u>	10.8	3.6	E						
VI	3.1	13.4	<u>32.4</u>	5.4	4.8	7.8	21.9	9.1	2.1	E						
VII	3.4	1.3	5.9	5.1	12.6	<u>33.1</u>	31.5	6.3	0.8	SW						
VIII	8.7	9.5	<u>26.2</u>	9.6	3.1	12.8	14.1	13.5	2.5	E						
IX	2.5	5.0	<u>4.8</u>	12.4	16.5	<u>28.7</u>	23.1	6.2	0.8	SW						
X	3.8	4.4	6.9	6.2	10.4	<u>31.7</u>	24.3	11.9	0.4	SW						
XI	2.7	2.2	3.0	14.4	<u>28.1</u>	<u>25.3</u>	19.0	5.4	.	S						
XII	10.7	14.8	7.5	1.2	<u>6.4</u>	<u>26.3</u>	16.6	16.1	0.4	SW						
Jahr	4.6	7.4	15.9	9.5	9.8	<u>21.5</u>	20.7	9.5	1.1	SW						
Monat	Anzahl der Tage mit:								Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel			
	Beaufort ≥ 6	Beaufort ≥ 8	* • *	▲	△ △	≡	⊞ (⊞)	≥ 0.1	≥ 1.0	≥ 10.0						
I	15	3	13	.	8	7	.					91				
II	16	2	15	.	2	7	.					91				
III	15	3	14	1	2	6	.					92				
IV	14	.	10	.	.	9	.					91				
V	15	1	.	1	.	8	.					88				
VI	5	.	.	.	.	1	1					83			
VII	8	.	.	.	.	.	2					84			
VIII	9	.	.	.	.	.	.					83			
IX	12	1	.	.	.	2	1					84				
X	15	5	.	.	.	5	1					87				
XI	16	4	1	1	.	4	.					87				
XII	18	.	5	.	1	6	.					86				
Jahr	158	19	58	3	13	55	5					87				

Bemerkungen:

Keine Niederschlagsmessungen
Komet "Bennet" am 8. April in NE, 20° Höhe beobachtet.

1970

Feuerschiff "Fehmarnbelt"

Monat	Lufttemperatur T _L (°C)									Monats- mittel	Wassertemperatur T _W (°C)				Monats- mittel	Temp. Differenz Luft minus Wasser
	Uhrzeit										Uhrzeit					
	0	3	6	9	12	15	18	21		0	6	12	18			
I	(-1.6)	(-1.7)	(-1.6)	(-1.6)	(-1.5)	(-1.2)	(-1.3)	(-1.3)	(-1.5)	(-0.3)	(-0.3)	(-0.3)	(-0.3)	(-0.3)	(-1.2)	
II																
III																
IV	3.0	2.8	2.8	3.1	3.8	3.9	3.7	3.3	3.3	2.6	2.5	2.7	2.7	2.6	0.7	
V	7.7	7.3	7.5	8.3	9.6	9.2	9.0	8.3	8.4	6.9	6.8	7.4	7.4	7.1	1.3	
VI	14.2	13.7	14.3	15.4	16.4	17.1	16.6	15.2	15.4	14.1	13.8	14.4	14.8	14.3	1.1	
VII	15.1	14.6	14.7	15.5	16.9	17.2	16.6	15.6	15.8	15.9	15.8	16.0	16.2	16.0	-0.2	
VIII	16.0	15.4	15.7	16.8	17.9	17.9	17.4	16.5	16.7	16.3	16.1	16.3	16.6	16.4	0.3	
IX	13.2	13.0	12.9	13.7	14.8	14.6	13.8	13.2	13.6	14.7	14.5	14.7	14.6	14.6	-1.0	
X	10.1	9.9	9.9	10.4	11.1	10.9	10.5	10.2	10.4	11.8	11.7	11.8	11.8	11.7	-1.4	
XI	6.6	6.7	6.7	6.6	7.1	6.9	6.9	6.6	6.8	8.1	8.1	8.1	8.0	8.1	-1.3	
XII	4.3	4.2	4.2	4.1	4.3	4.0	3.9	3.9	4.1	5.5	5.5	5.5	5.5	5.5	-1.4	
Jahr																

Monat	Extreme der Lufttemperatur						Extreme der Wassertemperatur						Mehrfach vorkommende Extremwerte:		
	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Max.	Dat.	Uhrzeit	Min.	Dat.	Uhrzeit	Monat	T _L	Tag und Uhrzeit
I	(0.9)	(+)	(+)	(-6.0)	(24.)	(12)	(0.7)	(+)	(+)	(-1.0)	(+)	(+)	I	Max.	(15. 06 u. 26. 12)
II													V	Min.	2. 09 u. 2. 18
III													XI	Max.	1. 03 u. 1. 09
IV	9.5	26.	15	-0.7	9.	06	5.4	30.	18	0.7	9.	06	I	Max.	(3. 18, 3. 21, 4. 03, 4. 06, 6. 12, 9. 09 9. 12 u. 9. 15)
V	15.1	25.	12	3.7	+	+	11.7	28.	15	3.7	9.	03	I	Min.	(25. 12, 25. 18 u. 26. 06)
VI	23.1	20.	12	8.5	2.	03	19.4	24.	15	9.6	2.	06	VII	Max.	9. 15 u. 9. 18
VII	22.5	23.	15	10.5	21.	00	18.5	+	+	14.0	16.	09	IX	Min.	26. 03 u. 27. 06
VIII	22.5	31.	12	13.5	12.	03	18.8	7.	18	14.0	24.	03	XI	Max.	1. 09, 1. 12 u. 2. 12
IX	21.4	1.	12	9.1	26.	06	17.4	1.	00	13.0	+	+	XI	Min.	27. 21, 28. 00, 28. 03 u. 29. 00
X	14.5	6.	12	4.7	23.	06	13.3	1.	00	10.0	29.	18	XII	Max.	1. 09, 1. 12 u. 1. 15
XI	12.0	+	+	1.3	6.	21	10.2	+	+	6.7	+	+			
XII	8.1	3.	12	-3.5	31.	21	7.0	+	+	2.7	31.	21			
Jahr															

Monat	Bewölkung N (0-10)									Monats- mittel	Luftdruck P (1000 + Δp) mb								Monats- mittel
	Uhrzeit										Uhrzeit								
	0	3	6	9	12	15	18	21		0	3	6	9	12	15	18	21		
I	(8.0)	(8.3)	(8.2)	(8.9)	(8.2)	(8.5)	(9.1)	(8.2)	(8.4)	(12.2)	(11.8)	(11.2)	(11.9)	(12.0)	(11.8)	(11.9)	(12.1)	(11.9)	
II																			
III																			
IV	7.6	7.4	7.9	7.5	8.6	8.7	8.0	7.0	7.8	7.6	7.1	7.0	7.4	7.7	7.7	7.8	8.4	7.6	
V	5.8	5.4	6.0	6.4	5.9	5.4	5.8	6.0	5.8	15.1	14.7	14.9	15.2	15.4	15.2	14.9	15.3	15.1	
VI	3.2	3.8	3.8	3.8	3.8	3.3	3.5	3.8	3.6	18.0	17.8	17.7	18.0	18.2	17.8	17.4	17.5	17.8	
VII	6.5	7.1	8.0	7.0	6.4	6.7	6.5	7.1	6.9	10.6	10.2	10.2	10.6	10.9	10.9	10.7	10.8	10.6	
VIII	2.0	2.5	5.0	4.3	4.3	4.8	5.1	3.3	3.9	15.8	15.7	15.7	15.9	15.9	15.5	15.1	15.3	15.6	
IX	5.4	5.5	6.8	7.0	6.6	6.8	7.0	5.9	6.4	15.5	15.1	14.9	15.2	15.3	15.2	15.1	15.3	15.2	
X	7.9	8.0	9.0	8.1	7.4	7.0	6.7	7.1	7.6	13.5	13.2	12.7	13.4	13.7	13.6	14.0	14.2	13.5	
XI	8.8	8.3	7.9	8.0	7.7	7.9	7.8	8.3	8.1	8.5	8.1	8.0	8.5	8.6	8.3	8.5	8.8	8.4	
XII	7.6	7.7	6.4	7.5	8.2	7.6	6.6	7.1	7.3	19.9	19.7	19.4	19.9	19.9	19.7	19.8	19.9	19.8	
Jahr																			

Bemerkungen:

F.S. vom 28. Januar bis 10. Februar
 und " 17. Februar " 10. März wegen Eis eingezogen
 F.S. " 12. März " 25. März nicht auf Position.

Feuerschiff " Fehmarnbelt "

Monat	Windstärke F (Beaufort 0-12) Uhrzeit								Monats- mittel	Häufigkeit der Windstärken in Prozent Beaufort					
	0	3	6	9	12	15	18	21		0	1-3	4-5	6-7	8-9	10-12
I	(4.7)	(4.7)	(4.5)	(4.6)	(4.4)	(4.5)	(4.9)	(4.7)	(4.6)	0.9	44.0	40.7	13.9	0.5	.
II															
III															
IV	3.9	4.2	3.7	3.9	3.6	3.7	4.0	3.9	3.9	2.1	31.2	55.4	10.9	0.4	.
V	4.4	4.1	3.8	3.8	3.8	4.2	4.4	4.4	4.1	3.6	28.6	46.8	20.9	.	.
VI	3.6	3.5	3.5	3.6	3.5	3.6	3.6	3.8	3.6	3.8	39.2	51.3	5.8	.	.
VII	4.3	4.4	4.3	4.2	3.7	3.8	4.1	4.2	4.1	1.6	27.4	54.1	16.9	.	.
VIII	3.4	3.2	3.5	3.3	3.8	3.8	3.5	3.5	3.5	2.4	47.6	34.6	15.3	.	.
IX	4.6	4.6	4.5	4.5	4.4	4.1	4.1	4.6	4.4	1.7	18.7	55.8	22.1	1.7	.
X	4.8	4.6	4.5	4.5	4.2	4.5	4.4	4.7	4.5	3.6	21.3	47.2	22.6	5.2	.
XI	4.7	4.8	4.8	4.9	4.6	4.4	4.5	4.4	4.6	0.4	19.6	48.5	28.9	2.1	0.4
XII	4.7	4.7	4.5	4.7	4.6	4.6	4.8	4.8	4.7	.	14.6	59.9	25.5	.	.
Jahr															
Monat	Häufigkeit der Windrichtungen (0-32) in Prozent										Häufigste Windrichtung				
	N 32	NE 04	E 08	SE 12	S 16	SW 20	W 24	NW 28	C 0						
I		(3.5)	(3.1)	(4.1)	(28.3)	(6.0)	(6.3)	(9.5)	(1.3)	(0.9)	(E)				
II															
III															
IV															
V		8.7	2.1	5.6	4.3	8.4	19.0	34.9	14.9	2.1	W				
VI		4.6	4.2	36.3	8.1	3.4	4.3	22.2	13.3	3.6	E				
VII		3.7	3.7	29.0	12.6	5.0	5.4	25.8	11.0	3.8	E				
VIII															
IX		3.8	0.6	6.5	6.0	10.1	16.9	46.9	7.6	1.6	W				
X		5.0	3.2	25.9	10.8	6.2	6.5	21.0	18.9	2.5	E				
XI		9.9	2.0	3.2	9.4	9.5	17.5	25.2	11.6	1.7	W				
XII															
Jahr															
Monat	Anzahl der Tage mit:							Niederschlag, mm			Nieder- schlags- menge mm R R	Rel. Feuchte U Monats- mittel			
	Beaufort ≥ 6	Beaufort ≥ 8	✱ ● ✱	▲	△	≡	⊞ (⊞)	≥ 0.1	≥ 1.0	≥ 10.0					
I	(13)	(4)	(13)	(.)	(3)	(7)	(.)	(8)	(3)	(.)	(5.7)	(93)			
II															
III															
IV	9	1	12	.	2	7	.	19	14	1	67.3	94			
V	14	2	.	1	.	6	1	10	7	.	29.9	93			
VI	5	1	.	.	.	.	1	7	5	1	26.9	85			
VII															
VIII	16	.	.	.	.	.	2	17	9	2	69.4	85			
IX	10	.	.	.	.	.	.	8	6	.	28.0	87			
X	18	4	.	.	.	1	3	14	10	3	85.0	84			
XI															
XII	15	5	.	1	.	.	.	20	15	1	65.4	90			
Jahr	19	3	2	.	.	4	.	15	12	3	87.0	90			
	18	.	6	.	.	4	.	16	6	1	40.6	90			

Bemerkungen: F.S. vom 28. Januar bis 10. Februar wegen Eis eingezogen
 und " 17. Februar bis 10. März " " "
 F.S. " 12. März bis 25. März nicht auf Position

