


Februar				
Datum	HW	HW	NW	NW
1	05:19	17:49	00:07	13:09
2	06:02	18:33	01:17	13:51
3	06:47	19:17	01:59	14:34
4	07:31	20:01	02:41	15:13
5	08:20	20:55	03:22	15:56
6	09:26	22:08	04:16	16:57
7	10:49	23:31	05:33	18:20
8		12:14	07:04	19:46
9	00:48	13:27	08:29	20:59
10	01:50	14:27	09:38	21:56
● 11	02:41	15:17	10:34	22:45
12	03:25	16:01	11:21	23:29
13	04:08	16:41		12:03
14	04:49	17:18	00:12	12:42
15	05:28	17:53	00:50	13:17
16	06:03	18:27	01:24	13:47
17	06:36	18:57	01:54	14:15
18	07:09	19:25	02:21	14:39
19	07:42	20:02	02:47	15:04
20	08:29	21:00	03:21	15:47
21	09:39	22:19	04:20	16:58
22	11:02	23:41	05:46	18:26
23		12:19	07:16	19:48
24	00:49	13:21	08:29	20:52
25	01:40	14:11	09:24	21:43
26	02:23	14:55	10:11	22:29
27	03:03	15:36	10:54	23:12
28	03:41	16:16	11:36	23:52

März				
Datum	HW	HW	NW	NW
1	04:21	16:56		12:16
2	05:03	17:35	00:31	12:56
3	05:48	18:16	01:10	13:38
4	06:33	18:58	01:50	14:19
5	07:17	19:40	02:30	14:55
6	08:06	20:32	03:09	15:34
7	09:13	21:48	04:01	16:34
8	10:40	23:17	05:19	18:01
9		12:10	06:55	19:34
10	00:38	13:23	08:22	20:49
11	01:38	14:17	09:28	21:44
 12	02:24	15:01	10:18	22:29
13	03:06	15:41	11:02	23:12
14	03:47	16:16	11:41	23:52
15	04:26	16:49		12:16
16	04:52	17:20	00:28	12:48
17	05:35	17:51	00:59	13:17
18	06:06	18:20	01:28	13:43
19	06:35	18:45	01:54	14:04
20	07:03	19:15	02:16	14:23
21	07:42	20:06	02:42	14:55
22	08:46	21:23	03:31	15:59
23	10:13	22:51	04:52	17:30
24	11:40		06:27	19:03
25	00:08	12:50	07:50	20:17
26	01:06	14:44	09:52	22:14
27	02:53	15:32	10:43	23:04
28	03:36	16:16	11:30	23:50
29	04:19	16:58		12:15
30	05:02	17:39	00:34	12:57
31	05:47	18:19	01:17	13:40

April				
Datum	HW	HW	NW	NW
1	06:34	18:59	01:59	14:21
2	07:21	19:40	02:39	15:01
3	08:09	20:25	03:18	15:38
4	09:02	21:21	04:01	16:21
5	10:10	22:37	04:57	17:23
6	11:35		06:15	18:49
7	00:05	13:02	07:48	20:21
8	01:25	14:11	09:11	21:34
9	02:21	14:59	10:11	22:25
10	03:03	15:38	10:54	23:07
● 11	03:43	16:16	11:36	23:50
12	04:25	16:52		12:16
13	05:03	17:22	00:32	12:50
14	05:37	17:51	01:06	13:20
15	06:08	18:20	01:35	13:47
16	06:38	18:50	02:03	14:12
17	07:08	19:17	02:30	14:35
18	07:38	19:48	02:54	14:57
19	08:15	20:33	03:21	15:27
20	09:11	21:41	04:03	16:21
21	10:31	23:05	05:13	17:43
22	11:59		06:42	19:15
23	00:25	13:14	08:07	20:35
24	01:29	14:14	09:15	21:39
25	02:21	15:06	10:11	22:36
26	03:10	15:55	11:04	23:28
27	03:57	16:38	11:53	00:15
28	04:44	17:19		12:38
29	05:32	18:01	01:01	13:21
30	06:22	18:43	02:46	14:05

Mai				
Datum	HW	HW	NW	NW
1	07:13	19:27	02:29	14:46
2	08:04	20:17	03:12	15:28
3	09:00	21:14	03:59	16:15
4	10:06	22:24	04:57	17:15
5	11:22	23:44	06:09	18:33
6		12:41	07:30	19:55
7	00:59	13:45	08:46	21:05
8	01:56	14:31	09:42	21:56
9	02:38	15:10	10:24	22:40
● 10	03:19	15:49	11:05	23:26
11	04:02	16:27	11:48	
12	04:40	16:59	00:09	12:24
13	05:13	17:27	00:44	12:53
14	05:45	17:57	01:13	13:20
15	06:17	18:28	01:41	13:47
16	06:49	16:00	02:10	14:14
17	07:21	19:34	02:40	14:43
18	08:02	20:17	03:12	15:17
19	08:52	21:14	03:53	16:03
20	09:59	22:25	04:51	17:08
21	11:18	23:41	06:05	18:29
22		12:35	07:24	19:50
23	00:50	13:40	08:35	21:02
24	01:59	14:38	09:39	22:07
25	02:45	15:31	10:38	23:05
26	03:38	16:17	11:32	23:57
27	04:29	17:00		12:19
28	05:21	17:45	00:45	13:05
29	06:15	18:31	01:34	13:52
30	07:08	19:19	02:23	14:37
31	07:59	20:08	03:09	15:41

Gezeitenkalender 2017 für die Jümme bei Detern

● = Vollmond

Juni				
Datum	HW	HW	NW	NW
1	08:52	21:01	03:56	16:07
2	09:50	22:01	04:49	17:01
3	10:54	23:08	05:48	18:04
4		12:01	06:54	19:13
5	00:18	13:03	08:02	20:21
6	01:20	13:55	09:02	21:20
7	02:10	14:39	09:50	22:11
8	02:54	15:21	10:34	22:59
● 9	03:37	15:52	11:18	23:44
10	04:17	16:37	11:57	
11	04:52	17:09	00:21	12:30
12	05:26	17:39	00:53	13:01
13	06:01	18:11	01:25	13:31
14	06:35	18:46	01:56	14:00
15	07:11	19:24	02:29	14:33
16	07:52	20:07	03:07	15:12
17	08:39	20:55	03:50	15:55
18	09:34	21:53	04:38	16:47
19	10:40	23:01	05:36	17:53
20	11:52		06:44	19:09
21	00:11	13:03	07:56	20:26
22	01:19	14:07	09:06	21:38
23	02:22	15:06	10:12	22:44
24	03:23	15:57	11:11	23:41
25	04:20	16:43		12:03
26	05:14	17:31	00:33	12:52
27	06:08	18:20	01:25	13:41
28	06:59	19:07	02:17	14:28
29	07:47	19:53	03:03	15:10
30	08:33	20:39	03:45	15:52

Juli				
Datum	HW	HW	NW	NW
1	09:21	21:28	04:27	16:36
2	10:11	22:22	05:13	17:23
3	11:05	23:24	06:04	18:19
4		12:06	07:03	19:25
5	00:32	13:08	08:08	20:34
6	01:34	14:03	09:09	21:37
7	02:27	14:52	10:01	22:31
8	03:13	15:35	10:47	23:17
● 9	03:55	16:15	11:31	23:58
10	04:33	16:50		12:10
11	05:10	17:22	00:36	12:47
12	05:46	17:54	01:12	13:20
13	06:20	18:29	01:45	13:50
14	06:57	19:10	02:18	14:23
15	07:40	19:54	02:58	15:04
16	08:25	20:38	03:42	15:48
17	09:11	21:26	04:26	16:32
18	10:04	22:25	05:11	17:24
19	11:11	23:38	06:08	18:33
20		12:27	07:20	19:55
21	00:56	13:40	08:37	21:16
22	02:08	14:45	09:50	22:28
23	03:14	15:41	10:54	23:31
24	04:13	16:30	11:50	00:25
25	05:06	17:16		12:41
26	05:55	18:04	01:15	13:29
27	06:41	18:49	02:03	14:13
28	07:23	19:30	02:45	14:52
29	08:03	20:10	03:21	15:27
30	08:41	20:50	03:55	16:02
31	09:19	21:32	04:30	16:38

August				
Datum	HW	HW	NW	NW
1	10:02	22:24	05:07	17:21
2	11:00	23:33	05:55	18:22
3		12:11	07:03	19:39
4	00:48	13:21	08:18	20:57
5	01:55	14:20	09:25	22:01
6	02:48	15:07	10:19	22:51
● 7	03:33	15:48	11:06	23:34
8	04:13	16:25	11:50	
9	04:51	17:00	00:15	12:30
10	05:27	17:34	00:54	13:05
11	06:03	18:10	01:29	13:38
12	06:40	18:51	02:04	14:11
13	07:22	19:35	02:43	14:51
14	08:05	20:18	03:26	15:34
15	08:45	21:02	04:06	16:14
16	09:31	21:59	04:44	17:00
17	10:36	23:17	05:35	18:07
18	11:59		06:50	19:35
19	00:44	13:22	08:17	21:04
20	02:03	14:31	09:37	22:19
21	03:08	15:26	10:41	23:20
22	04:03	16:13	11:35	
23	04:52	16:58	00:12	12:24
24	05:36	17:42	00:58	13:10
25	06:15	18:23	01:40	13:51
26	06:51	19:01	02:17	14:26
27	07:25	19:35	02:49	14:57
28	07:56	20:09	03:17	15:26
29	08:26	20:43	03:44	15:54
30	09:00	21:26	04:10	16:26
31	09:53	22:31	04:48	17:19

September				
Datum	HW	HW	NW	NW
1	11:08	23:55	05:52	18:39
2		12:32	07:19	20:09
3	01:16	13:42	08:43	21:25
4	02:19	14:28	09:48	22:20
5	03:07	15:15	10:38	23:04
● 6	03:48	15:55	11:22	23:47
7	04:27	16:33		12:05
8	05:05	17:10	00:28	12:45
9	05:43	17:49	01:07	13:22
10	06:20	18:29	01:44	13:57
11	06:59	19:14	02:22	14:35
12	07:39	19:57	03:01	15:13
13	08:19	20:43	03:38	15:53
14	09:06	21:45	04:15	16:40
15	10:14	23:07	05:08	17:51
16	11:42		06:29	19:24
17	00:40	13:10	08:03	20:57
18	02:00	14:18	09:26	22:10
19	02:59	15:08	10:27	23:03
20	03:46	15:51	11:14	23:49
21	04:29	16:35		12:00
22	05:08	17:16	00:32	12:44
23	05:43	17:54	01:10	13:23
24	06:15	18:28	01:43	13:56
25	06:44	18:59	02:12	14:24
26	07:12	19:29	02:37	14:50
27	07:39	20:00	02:59	15:14
28	08:10	20:37	03:21	15:41
29	08:57	21:36	03:52	16:26
30	10:09	22:59	04:50	17:41

Oktober

Datum	HW	HW	NW	NW
1	11:36		06:16	19:14
2	00:28	12:55	07:50	20:39
3	01:41	13:54	09:06	21:41
4	02:34	14:39	10:02	22:28
● 5	03:19	15:21	10:49	23:13
6	04:01	16:03	11:35	23:57
7	04:41	16:44		12:19
8	05:19	17:26	00:39	13:00
9	05:57	18:10	01:19	13:39
10	06:35	18:55	01:58	14:16
11	07:14	19:41	02:36	14:53
12	07:58	20:33	03:12	15:35
13	08:51	21:38	03:54	16:29
14	10:00	23:00	04:51	17:42
15	11:26		06:12	19:14
16	00:29	12:52	07:46	20:44
17	01:46	13:57	09:08	21:51
18	02:40	14:44	10:05	22:38
19	03:21	15:25	10:48	23:19
20	03:59	16:09	11:31	
21	04:37	16:49	00:00	12:15
22	05:10	17:24	00:38	12:53
23	05:39	17:56	01:08	13:23
24	06:07	18:26	01:34	13:51
25	06:36	18:55	01:58	14:17
26	07:04	19:27	02:20	14:41
27	07:35	20:03	02:43	15:08
28	08:17	20:54	03:14	15:48
29	08:19	21:07	04:03	15:52
30	09:40	22:33	04:18	17:17
31	11:01	23:52	05:49	18:43

November				
Datum	HW	HW	NW	NW
1		12:08	07:12	19:53
2	00:54	13:00	08:17	20:47
3	01:45	13:47	09:12	21:37
● 4	02:32	14:33	10:03	22:25
5	03:15	15:18	10:50	23:10
6	03:54	16:04	11:35	23:53
7	04:33	16:53		12:19
8	05:14	17:43	00:36	13:01
9	05:57	18:33	01:17	13:42
10	06:45	19:26	01:57	14:27
11	07:40	20:29	02:41	15:21
12	08:45	21:44	03:38	16:30
13	10:02	23:03	04:51	17:50
14	11:20		06:15	19:11
15	00:15	12:26	07:33	20:17
16	01:09	13:15	08:32	21:05
17	01:50	13:58	09:18	21:46
18	02:28	14:42	10:02	22:27
19	03:07	15:22	10:45	23:04
20	03:41	15:56	11:22	23:34
21	04:10	16:27	11:53	
22	04:39	16:59	00:01	12:22
23	05:09	17:30	00:27	12:51
24	05:40	18:03	00:53	13:18
25	06:13	18:40	01:20	13:49
26	06:52	19:25	01:52	14:26
27	07:43	20:24	02:33	15:17
28	08:49	21:39	03:32	16:26
29	10:04	22:57	04:49	17:44
30	11:16		06:12	18:59

Dezember				
Datum	HW	HW	NW	NW
1	00:06	12:18	07:28	20:04
2	01:06	13:13	08:33	21:01
● 3	01:59	14:05	09:30	21:54
4	02:47	14:56	10:22	22:43
5	03:29	15:47	11:11	23:30
6	04:12	16:41		12:01
7	04:59	17:35	00:19	12:52
8	05:46	18:27	01:06	13:39
9	06:34	19:18	01:49	14:23
10	07:26	20:13	02:32	15:11
11	08:23	21:14	03:22	16:07
12	09:26	22:20	04:20	17:10
13	10:35	23:26	05:28	18:20
14	11:43		06:40	19:28
15	00:26	12:42	07:48	20:25
16	01:15	13:31	08:45	21:12
17	01:58	14:16	09:34	21:55
18	02:39	14:57	10:17	22:33
19	03:15	15:33	10:55	23:07
20	03:47	16:06	11:28	23:37
21	04:18	16:39		12:01
22	04:49	17:12	00:08	12:33
23	05:21	17:45	00:36	13:03
24	05:56	18:22	01:05	13:36
25	06:35	19:05	01:39	14:13
26	07:18	19:52	02:27	14:56
27	08:08	20:51	03:02	15:46
28	09:11	22:00	04:00	16:50
29	10:23	23:14	05:15	18:04
30	11:35		06:36	19:18
31	00:23	12:42	07:53	20:27