

Referentievlak :LAT		Pellworm, Niedrigwasseranleger 54°30'0.0"N, 8°42'0.0"E								Pellworm, Hoogerfährre 54°32'08"N 8°35'52"E								Südfall, Fahrwasserkante 54° 27'0.0"N, 8°43'59.9" E													
datum dag		HW		lw		HW		lw		HW		lw		HW		lw		HW		lw		HW									
1-1	woe	01:57	422	08:24	59	14:28	388	20:32	77	-	-	1:44	385	8:53	62	14:15	351	21:01	80	-	-	01:53	422	08:24	69	14:24	388	20:32	87	-	-
2-1	don	02:41	421	09:08	57	15:14	381	21:11	80	-	-	2:28	384	9:37	60	15:01	344	21:40	83	-	-	02:37	421	09:08	67	15:10	381	21:11	90	-	-
3-1	vry	03:22	414	09:49	57	15:57	370	21:48	81	-	-	3:09	377	10:18	60	15:44	333	22:17	84	-	-	03:18	414	09:49	67	15:53	370	21:48	91	-	-
4-1	zat	04:00	406	10:26	56	16:35	361	22:23	77	-	-	3:47	369	10:55	59	16:22	324	22:52	80	-	-	03:56	406	10:26	66	16:31	361	22:23	87	-	-
5-1	zon	04:39	403	10:59	51	17:14	357	23:01	69	-	-	4:26	366	11:28	54	17:01	320	23:30	72	-	-	04:35	403	10:59	61	17:10	357	23:01	79	-	-
6-1	maa	05:23	403	11:37	47	17:58	353	23:46	65	-	-	5:10	366	12:06	50	17:45	316	0:15	68	-	-	05:19	403	11:37	57	17:54	353	23:46	75	-	-
7-1	din	06:11	399	12:23	48	18:46	347	-	-	-	-	5:58	362	12:52	51	18:33	310	-	-	-	-	06:07	399	12:23	58	18:42	347	-	-	-	-
8-1	woe	-	-	00:39	68	07:04	387	13:17	58	19:41	338	-	-	1:08	71	6:51	350	13:46	61	19:06	298	-	-	00:39	78	07:00	387	13:17	68	19:37	338
9-1	don	-	-	01:40	76	08:02	369	14:19	72	20:38	328	-	-	2:09	79	7:49	332	14:48	75	20:03	288	-	-	01:40	86	07:58	369	14:19	82	20:34	328
10-1	vry	-	-	02:48	83	09:05	351	15:29	82	21:39	322	-	-	3:17	86	8:52	314	15:58	85	21:04	282	-	-	02:48	93	09:01	351	15:29	92	21:35	322
11-1	zat	-	-	04:02	81	10:13	337	16:42	82	22:49	324	-	-	4:31	84	10:00	300	17:11	85	22:14	284	-	-	04:02	91	10:09	337	16:42	92	22:45	324
12-1	zon	-	-	05:20	70	11:40	336	17:59	73	-	-	-	-	5:49	73	11:27	299	18:28	76	23:41	298	-	-	05:20	80	11:36	336	17:59	83	-	-
13-1	maa	00:16	338	06:44	51	12:56	349	19:12	58	-	-	-	-	7:13	54	12:43	312	19:41	61	-	-	00:12	338	06:44	61	12:52	349	19:12	68	-	-
14-1	din	01:19	358	07:48	37	13:53	364	20:08	51	-	-	1:06	321	8:17	40	13:40	327	20:37	54	-	-	01:15	358	07:48	47	13:49	364	20:08	61	-	-
15-1	woe	02:12	376	08:39	39	14:44	374	20:55	58	-	-	1:59	339	9:08	42	14:31	337	21:24	61	-	-	02:08	376	08:39	49	14:40	374	20:55	68	-	-
16-1	don	02:59	384	09:23	56	15:29	374	21:35	75	-	-	2:46	347	9:52	59	15:16	337	22:04	78	-	-	02:55	384	09:23	66	15:25	374	21:35	85	-	-
17-1	vry	03:40	382	09:59	78	16:06	367	22:05	94	-	-	3:27	345	10:28	81	15:53	330	22:34	97	-	-	03:36	382	09:59	88	16:02	367	22:05	104	-	-
18-1	zat	04:09	375	10:25	93	16:32	358	22:28	101	-	-	3:56	338	10:54	96	16:19	321	22:57	104	-	-	04:05	375	10:25	103	16:28	358	22:28	111	-	-
19-1	zon	04:29	372	10:48	91	16:51	356	22:55	93	-	-	4:16	335	11:17	94	16:38	319	23:24	96	-	-	04:25	372	10:48	101	16:47	356	22:55	103	-	-
20-1	maa	04:49	374	11:16	78	17:15	358	23:29	79	-	-	4:36	337	11:45	81	17:02	321	23:58	82	-	-	04:45	374	11:16	88	17:11	358	23:29	89	-	-
21-1	din	05:18	372	11:51	68	17:48	354	-	-	-	-	5:05	335	12:20	71	17:35	317	0:37	75	-	-	05:14	372	11:51	78	17:44	354	-	-	-	-
22-1	woe	-	-	00:08	72	05:59	360	12:31	71	18:31	341	5:46	323	13:00	74	18:18	304	-	-	-	-	-	-	00:08	82	05:55	360	12:31	81	18:27	341
23-1	don	-	-	00:54	79	06:52	340	13:18	89	19:33	326	-	-	1:23	82	6:39	303	13:47	92	18:58	286	-	-	00:54	89	06:48	340	13:18	99	19:29	326
24-1	vry	-	-	01:48	96	08:12	322	14:16	113	20:56	321	-	-	2:17	99	7:59	285	14:45	116	20:21	281	-	-	01:48	106	08:08	322	14:16	123	20:52	321
25-1	zat	-	-	02:54	113	09:33	318	15:26	130	22:03	333	-	-	3:23	116	9:20	281	15:55	133	21:28	293	-	-	02:54	123	09:29	318	15:26	140	21:59	333
26-1	zon	-	-	04:15	117	10:38	329	16:51	128	23:05	356	-	-	4:44	120	10:25	292	17:20	131	22:30	316	-	-	04:15	127	10:34	329	16:51	138	23:01	356
27-1	maa	-	-	05:35	100	11:39	347	18:00	109	-	-	-	-	6:04	103	11:26	310	18:29	112	23:28	342	-	-	05:35	110	11:35	347	18:00	119	23:59	382
28-1	din	00:03	382	06:34	77	12:37	365	18:53	89	-	-	-	-	7:03	80	12:24	328	19:22	92	-	-	-	-	06:34	87	12:33	365	18:53	99	-	-
29-1	woe	00:56	400	07:25	57	13:30	374	19:41	72	-	-	0:43	363	7:54	60	13:17	337	20:10	75	-	-	00:52	400	07:25	67	13:26	374	19:41	82	-	-
30-1	don	01:46	406	08:13	42	14:20	373	20:28	61	-	-	1:33	369	8:42	45	14:07	336	20:57	64	-	-	01:42	406	08:13	52	14:16	373	20:28	71	-	-
31-1	vry	02:32	400	09:00	33	15:04	364	21:12	52	-	-	2:19	363	9:29	36	14:51	327	21:41	55	-	-	02:28	400	09:00	43	15:00	364	21:12	62	-	-
1-2	zat	03:12	393	09:44	28	15:43	355	21:52	44	-	-	2:59	356	10:13	31	15:30	318	22:21	47	-	-	03:08	393	09:44	38	15:39	355	21:52	54	-	-
2-2	zon	03:49	392	10:23	24	16:19	352	22:27	37	-	-	3:36	355	10:52	27	16:06	315	22:56	40	-	-	03:45	392	10:23	34	16:15	352	22:27	47	-	-
3-2	maa	04:27	396	10:57	23	16:56	353	23:00	31	-	-	4:14	359	11:26	26	16:43	316	23:29	34	-	-	04:23	396	10:57	33	16:52	353	23:00	41	-	-
4-2	din	05:08	400	11:28	25	17:35	352	23:35	31	-	-	4:55	363	11:57	28	17:22	315	0:04	34	-	-	05:04	400	11:28	35	17:31	352	23:35	41	-	-
5-2	woe	05:53	393	12:03	33	18:19	344	-	-	-	-	5:40	356	12:32	36	18:06	307	-	-	-	-	05:49	393	12:03	43	18:15	344	-	-	-	-
6-2	don	-	-	00:19	40	06:43	372	12:48	52	19:09	329	-	-	0:48	43	6:30	335	13:17	55	18:34	289	-	-	00:19	50	06:39	372	12:48	62	19:05	329
7-2	vry	-	-	01:13	57	07:39	344	13:46	75	20:09	313	-	-	1:42	60	7:26	307	14:15	78	19:34	273	-	-	01:13	67	07:35	344	13:46	85	20:05	313
8-2	zat	-	-	02:24	75	08:47	319	15:05	92	21:21	305	-	-	2:53	78	8:34	282	15:34	95	20:46	265	-	-	02:24	85	08:43	319	15:05	102	21:17	305
9-2	zon	-	-	03:52	77	10:16	308	16:32	89	23:04	314	-	-	4:21	80	10:03	271	17:01	92	22:29	274	-	-	03:52	87	10:12	308	16:32	99	23:00	314



Referentievlak :LAT lw

datum dag

		L1					L2					L3					L4														
		HW		lw		HW		lw		HW		lw		HW		lw		HW		lw		HW		lw		HW					
10-2	maa	-	-	05:22	62	11:55	323	17:57	69	-	-	-	-	5:51	65	11:42	286	18:26	72	23:48	304	-	-	05:22	72	11:51	323	17:57	79	-	-
11-2	din	00:23	344	06:42	39	12:58	351	19:05	48	-	-	-	-	7:11	42	12:45	314	19:34	51	-	-	00:19	344	06:42	49	12:54	351	19:05	58	-	-
12-2	woe	01:18	374	07:39	27	13:48	373	19:58	41	-	-	1:05	337	8:08	30	13:35	336	20:27	44	-	-	01:14	374	07:39	37	13:44	373	19:58	51	-	-
13-2	don	02:04	390	08:27	35	14:32	381	20:42	50	-	-	1:51	353	8:56	38	14:19	344	21:11	53	-	-	02:00	390	08:27	45	14:28	381	20:42	60	-	-
14-2	vry	02:45	391	09:06	53	15:09	377	21:17	65	-	-	2:32	354	9:35	56	14:56	340	21:46	68	-	-	02:41	391	09:06	63	15:05	377	21:17	75	-	-
15-2	zat	03:18	381	09:37	68	15:38	369	21:43	71	-	-	3:05	344	10:06	71	15:25	332	22:12	74	-	-	03:14	381	09:37	78	15:34	369	21:43	81	-	-
16-2	zon	03:42	372	09:57	67	15:58	364	22:02	60	-	-	3:29	335	10:26	70	15:45	327	22:31	63	-	-	03:38	372	09:57	77	15:54	364	22:02	70	-	-
17-2	maa	04:00	370	10:18	50	16:17	366	22:28	40	-	-	3:47	333	10:47	53	16:04	329	22:57	43	-	-	03:56	370	10:18	60	16:13	366	22:28	50	-	-
18-2	din	04:22	373	10:44	34	16:40	367	22:59	27	-	-	4:09	336	11:13	37	16:27	330	23:28	30	-	-	04:18	373	10:44	44	16:36	367	22:59	37	-	-
19-2	woe	04:50	372	11:14	32	17:07	362	23:31	31	-	-	4:37	335	11:43	35	16:54	325	0:00	34	-	-	04:46	372	11:14	42	17:03	362	23:31	41	-	-
20-2	don	05:22	362	11:45	48	17:35	352	-	-	-	-	5:09	325	12:14	51	17:22	315	0:34	54	-	-	05:18	362	11:45	58	17:31	352	-	-	-	-
21-2	vry	-	-	00:05	51	05:59	346	12:20	76	18:11	341	5:46	309	12:49	79	17:58	304	-	-	-	-	-	-	00:05	61	05:55	346	12:20	86	18:07	341
22-2	zat	-	-	00:46	83	06:48	330	13:07	111	19:10	332	-	-	1:15	86	6:35	293	13:36	114	18:35	292	-	-	00:46	93	06:44	330	13:07	121	19:06	332
23-2	zon	-	-	01:46	116	08:14	320	14:13	141	21:03	338	-	-	2:15	119	8:01	283	14:42	144	20:28	298	-	-	01:46	126	08:10	320	14:13	151	20:59	338
24-2	maa	-	-	03:11	131	09:52	328	15:40	145	22:24	359	-	-	3:40	134	9:39	291	16:09	148	21:49	319	-	-	03:11	141	09:48	328	15:40	155	22:20	359
25-2	din	-	-	04:56	108	11:06	347	17:23	117	23:34	382	-	-	5:25	111	10:53	310	17:52	120	22:59	342	-	-	04:56	118	11:02	347	17:23	127	23:30	382
26-2	woe	-	-	06:05	69	12:13	363	18:27	81	-	-	-	-	6:34	72	12:00	326	18:56	84	23:59	355	-	-	06:05	79	12:09	363	18:27	91	-	-
27-2	don	00:34	395	07:01	39	13:10	369	19:20	55	-	-	-	-	7:30	42	12:57	332	19:49	58	-	-	00:30	395	07:01	49	13:06	369	19:20	65	-	-
28-2	vry	01:26	395	07:53	22	13:58	363	20:10	39	-	-	1:13	358	8:22	25	13:45	326	20:39	42	-	-	01:22	395	07:53	32	13:54	363	20:10	49	-	-
1-3	zat	02:10	387	08:41	15	14:40	353	20:55	28	-	-	1:57	350	9:10	18	14:27	316	21:24	31	-	-	02:06	387	08:41	25	14:36	353	20:55	38	-	-
2-3	zon	02:49	383	09:25	10	15:16	348	21:37	18	-	-	2:36	346	9:54	13	15:03	311	22:06	21	-	-	02:45	383	09:25	20	15:12	348	21:37	28	-	-
3-3	maa	03:26	388	10:05	6	15:51	353	22:14	7	-	-	3:13	351	10:34	9	15:38	316	22:43	10	-	-	03:22	388	10:05	16	15:47	353	22:14	17	-	-
4-3	din	04:05	396	10:40	5	16:29	361	22:47	1	-	-	3:52	359	11:09	8	16:16	324	23:16	4	-	-	04:01	396	10:40	15	16:25	361	22:47	11	-	-
5-3	woe	04:48	399	11:09	10	17:09	363	23:20	4	-	-	4:35	362	11:38	13	16:56	326	23:49	7	-	-	04:44	399	11:09	20	17:05	363	23:20	14	-	-
6-3	don	05:32	386	11:38	24	17:52	354	23:58	20	-	-	5:19	349	12:07	27	17:39	317	0:27	23	-	-	05:28	386	11:38	34	17:48	354	23:58	30	-	-
7-3	vry	06:21	358	12:16	48	18:41	334	-	-	-	-	6:08	321	12:45	51	18:28	297	-	-	-	-	06:17	358	12:16	58	18:37	334	-	-	-	-
8-3	zat	-	-	00:48	47	07:18	325	13:10	81	19:43	313	-	-	1:17	50	7:05	288	13:39	84	19:08	273	-	-	00:48	57	07:14	325	13:10	91	19:39	313
9-3	zon	-	-	02:05	78	08:34	299	14:43	107	21:11	306	-	-	2:34	81	8:21	262	15:12	110	20:36	266	-	-	02:05	88	08:30	299	14:43	117	21:07	306
10-3	maa	-	-	03:45	84	10:23	299	16:22	100	23:05	329	-	-	4:14	87	10:10	262	16:51	103	22:30	289	-	-	03:45	94	10:19	299	16:22	110	23:01	329
11-3	din	-	-	05:19	65	11:50	330	17:48	73	-	-	-	-	5:48	68	11:37	293	18:17	76	23:39	330	-	-	05:19	75	11:46	330	17:48	83	-	-
12-3	woe	00:14	370	06:30	38	12:48	365	18:51	48	-	-	-	-	6:59	41	12:35	328	19:20	51	-	-	00:10	370	06:30	48	12:44	365	18:51	58	-	-
13-3	don	01:05	398	07:23	26	13:33	385	19:39	39	-	-	0:52	361	7:52	29	13:20	348	20:08	42	-	-	01:01	398	07:23	36	13:29	385	19:39	49	-	-
14-3	vry	01:47	405	08:06	31	14:11	385	20:20	44	-	-	1:34	368	8:35	34	13:58	348	20:49	47	-	-	01:43	405	08:06	41	14:07	385	20:20	54	-	-
15-3	zat	02:21	393	08:41	44	14:40	376	20:51	51	-	-	2:08	356	9:10	47	14:27	339	21:20	54	-	-	02:17	393	08:41	54	14:36	376	20:51	61	-	-
16-3	zon	02:47	378	09:07	48	15:03	370	21:13	44	-	-	2:34	341	9:36	51	14:50	333	21:42	47	-	-	02:43	378	09:07	58	14:59	370	21:13	54	-	-
17-3	maa	03:10	371	09:25	36	15:24	371	21:33	23	-	-	2:57	334	9:54	39	15:11	334	22:02	26	-	-	03:06	371	09:25	46	15:20	371	21:33	33	-	-
18-3	din	03:34	372	09:48	18	15:49	375	22:01	6	-	-	3:21	335	10:17	21	15:36	338	22:30	9	-	-	03:30	372	09:48	28	15:45	375	22:01	16	-	-
19-3	woe	04:03	375	10:16	14	16:18	375	22:32	9	-	-	3:50	338	10:45	17	16:05	338	23:01	12	-	-	03:59	375	10:16	24	16:14	375	22:32	19	-	-
20-3	don	04:33	371	10:43	30	16:46	368	23:01	30	-	-	4:20	334	11:12	33	16:33	331	23:30	33	-	-	04:29	371	10:43	40	16:42	368	23:01	40	-	-
21-3	vry	05:02	361	11:10	57	17:11	361	23:30	58	-	-	4:49	324	11:39	60	16:58	324	23:59	61	-	-	04:58	361	11:10	67	17:07	361	23:30	68	-	-
22-3	zat	05:33	350	11:41	86	17:42	357	-	-	-	-	5:20	313	12:10	89	17:29	320	0:35	90	-	-	05:29	350	11:41	96	17:38	357	-	-	-	-
23-3	zon	-	-	00:06	87	06:16	339	12:24	113	18:37	354	6:03	302	12:53	116	18:24	317	-	-	-	-	-	-	00:06	97	06:12	339	12:24	123	18:33	354
24-3	maa	-	-	01:02	112	07:38	331	13:29	137	20:15	355	-	-	1:31	115	7:25	294	13:58	140	19:40	315	-	-	01:02	122	07:34	331	13:29	147	20:11	355
25-3	din	-	-	02:27	121	09:17	337	14:56	138	21:45	369	-	-	2:56	124	9:04	300	15:25	141	21:10	329	-	-	02:27	131	09:13	3				

Referentievlak :LAT lw

datum dag

		L1				L2				L3				L4				L5				
		HW		lw		HW		lw		HW		lw		HW		lw		HW		lw		
26-3	woe	-	-	04:07	95	10:34	353	16:32	107	23:00	384	-	-	04:07	105	10:30	353	16:32	117	22:56	384	
27-3	don	-	-	05:27	53	11:42	364	17:49	69	-	-	-	-	05:27	63	11:38	364	17:49	79	-	-	
28-3	vry	04:32 EK	00:05	392	06:29	25	12:41	365	18:50	44	-	-	-	-	00:01	392	06:29	35	12:37	365	18:50	54
29-3	zat		00:58	390	07:25	13	13:29	358	19:43	31	-	-	0:45	353	7:54	16	13:16	321	20:12	34	-	-
30-3	zon		01:41	385	09:15	10	15:08	352	21:31	21	-	-	1:28	348	9:44	13	14:55	315	22:00	24	-	-
31-3	maa		03:20	385	10:00	0	15:44	355	22:14	8	-	-	3:07	348	10:29	3	15:31	318	22:43	11	-	-
1-4	din		03:58	391	10:40	0	16:21	366	22:54	0	-	-	3:45	354	11:09	3	16:08	329	23:23	3	-	-
2-4	woe		04:41	397	11:16	0	17:02	377	23:29	-10	-	-	4:28	360	11:45	3	16:49	340	23:58	-7	-	-
3-4	don		05:26	392	11:44	0	17:44	377	-	-	-	-	5:13	355	12:13	3	17:31	340	0:32	3	-	-
4-4	vry		-	-	00:03	0	06:13	373	12:12	27	18:28	365	6:00	336	12:41	23	18:15	328	-	-	-	-
5-4	zat	06:34 VM	-	-	00:39	20	07:01	344	12:48	57	19:17	345	-	-	1:08	23	6:48	307	13:17	60	18:42	305
6-4	zon		-	-	01:28	50	08:00	313	13:39	95	20:22	327	-	-	1:57	53	7:47	276	14:08	98	19:47	287
7-4	maa		-	-	02:52	90	09:22	297	15:20	123	22:02	327	-	-	3:21	93	9:09	260	15:49	126	21:27	287
8-4	din		-	-	04:28	90	11:09	310	16:58	113	23:45	358	-	-	4:57	93	10:56	273	17:27	116	23:10	318
9-4	woe		-	-	05:52	70	12:26	346	18:19	85	-	-	-	-	6:21	73	12:13	309	18:48	88	-	-
10-4	don		00:49	394	07:00	40	13:22	377	19:21	57	-	-	0:36	357	7:29	43	13:09	340	19:50	60	-	-
11-4	vry		01:38	411	07:51	30	14:06	388	20:10	43	-	-	1:25	374	8:20	33	13:53	351	20:39	46	-	-
12-4	zat	11:11 LK	02:17	403	08:32	30	14:38	381	20:48	41	-	-	2:04	366	9:01	33	14:25	344	21:17	44	-	-
13-4	zon		02:47	384	09:05	30	15:03	371	21:18	39	-	-	2:34	347	9:34	33	14:50	334	21:47	42	-	-
14-4	maa		03:12	370	09:31	30	15:26	370	21:40	26	-	-	2:59	333	10:00	33	15:13	333	22:09	29	-	-
15-4	din		03:39	370	09:53	20	15:55	379	22:06	10	-	-	3:26	333	10:22	23	15:42	342	22:35	13	-	-
16-4	woe		04:12	376	10:21	10	16:30	387	22:39	7	-	-	3:59	339	10:50	13	16:17	350	23:08	10	-	-
17-4	don		04:49	379	10:51	20	17:06	388	23:11	25	-	-	4:36	342	11:20	23	16:53	351	23:40	28	-	-
18-4	vry		05:25	373	11:19	50	17:37	382	23:41	53	-	-	5:12	336	11:48	53	17:24	345	0:10	56	-	-
19-4	zat	06:14 NM	05:57	362	11:45	80	18:05	377	-	-	-	-	5:44	325	12:14	83	17:52	340	0:38	81	-	-
20-4	zon		-	-	00:09	70	06:30	351	12:17	102	18:39	374	6:17	314	12:46	103	18:26	337	-	-	-	-
21-4	maa		-	-	00:46	90	07:17	343	13:01	116	19:34	371	-	-	1:15	93	7:04	306	13:30	119	18:59	331
22-4	din		-	-	01:43	90	08:31	340	14:06	124	20:52	372	-	-	2:12	93	8:18	303	14:35	127	20:17	332
23-4	woe		-	-	03:02	90	09:52	347	15:29	116	22:13	379	-	-	3:31	93	9:39	310	15:58	119	21:38	339
24-4	don		-	-	04:28	60	11:04	358	16:53	88	23:28	388	-	-	4:57	63	10:51	321	17:22	91	22:53	348
25-4	vry		-	-	05:45	30	12:11	366	18:07	58	-	-	-	-	6:14	33	11:58	329	18:36	61	23:59	354
26-4	zat	23:20 EK	00:34	394	06:51	10	13:11	366	19:13	40	-	-	-	-	7:20	13	12:58	329	19:42	43	-	-
27-4	zon		01:28	394	07:52	10	13:59	363	20:12	30	-	-	1:15	357	8:21	13	13:46	326	20:41	33	-	-
28-4	maa		02:12	392	08:46	10	14:38	363	21:05	19	-	-	1:59	355	9:15	13	14:25	326	21:34	22	-	-
29-4	din		02:53	392	09:33	0	15:16	371	21:53	4	-	-	2:40	355	10:02	3	15:03	334	22:22	7	-	-
30-4	woe		03:37	393	10:16	0	15:58	381	22:37	-10	-	-	3:24	356	10:45	3	15:45	344	23:06	-7	-	-
1-5	don		04:25	390	10:55	0	16:44	388	23:17	-10	-	-	4:12	353	11:24	3	16:31	351	23:46	-7	-	-
2-5	vry		05:15	380	11:28	10	17:30	385	23:55	6	-	-	5:02	343	11:57	13	17:17	348	0:24	9	-	-
3-5	zat		06:04	361	11:58	40	18:16	375	-	-	-	-	5:51	324	12:27	43	18:03	338	-	-	-	-
4-5	zon	19:34 VM	-	-	00:34	30	06:54	340	12:34	75	19:05	364	-	-	1:03	33	6:41	303	13:03	78	18:30	324
5-5	maa		-	-	01:23	70	07:51	324	13:26	106	20:06	357	-	-	1:52	73	7:38	287	13:55	109	19:31	317
6-5	din		-	-	02:34	90	09:04	321	14:51	123	21:33	362	-	-	3:03	93	8:51	284	15:20	126	20:58	322
7-5	woe		-	-	03:49	90	10:29	336	16:12	113	23:02	382	-	-	4:18	93	10:16	299	16:41	116	22:27	342
8-5	don		-	-	04:55	70	11:41	361	17:21	89	-	-	-	-	5:24	73	11:28	324	17:50	92	23:31	359

er dan Suder  
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Referentievlak :LAT lw

datum dag

		L1					L2					L3																			
		HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW															
9-5	vry	00:06	399	06:00	50	12:38	378	18:30	64	-	-	-	-	6:29	53	12:25	341	18:59	67	-	-	00:02	399	06:00	60	12:34	378	18:30	74	-	-
10-5	zat	00:57	401	07:00	30	13:22	380	19:26	45	-	-	0:44	364	7:29	33	13:09	343	19:55	48	-	-	00:53	401	07:00	40	13:18	380	19:26	55	-	-
11-5	zon	01:37	387	07:47	30	13:55	373	20:08	37	-	-	1:24	350	8:16	33	13:42	336	20:37	40	-	-	01:33	387	07:47	40	13:51	373	20:08	47	-	-
12-5	maa	02:08	372	08:23	30	14:22	370	20:40	31	-	-	1:55	335	8:52	33	14:09	333	21:09	34	-	-	02:04	372	08:23	40	14:18	370	20:40	41	-	-
13-5	din	02:37	368	08:54	20	14:52	380	21:09	23	-	-	2:24	331	9:23	23	14:39	343	21:38	26	-	-	02:33	368	08:54	30	14:48	380	21:09	33	-	-
14-5	woe	03:10	376	09:23	20	15:28	397	21:42	17	-	-	2:57	339	9:52	23	15:15	360	22:11	20	-	-	03:06	376	09:23	30	15:24	397	21:42	27	-	-
15-5	don	03:49	388	09:55	20	16:08	410	22:19	23	-	-	3:36	351	10:24	23	15:55	373	22:48	26	-	-	03:45	388	09:55	30	16:04	410	22:19	33	-	-
16-5	vry	04:32	392	10:28	40	16:48	414	22:55	42	-	-	4:19	355	10:57	43	16:35	377	23:24	45	-	-	04:28	392	10:28	50	16:44	414	22:55	52	-	-
17-5	zat	05:13	385	10:58	70	17:23	409	23:26	64	-	-	5:00	348	11:27	73	17:10	372	23:55	67	-	-	05:09	385	10:58	80	17:19	409	23:26	74	-	-
18-5	zon	05:50	373	11:27	90	17:55	401	23:57	77	-	-	5:37	336	11:56	93	17:42	364	0:26	80	-	-	05:46	373	11:27	100	17:51	401	23:57	87	-	-
19-5	maa	06:28	361	12:01	100	18:33	395	-	-	-	-	6:15	324	12:30	103	18:20	358	-	-	-	-	06:24	361	12:01	110	18:29	395	-	-	-	-
20-5	din	-	-	00:36	70	07:15	354	12:47	101	19:25	391	-	-	1:05	73	7:02	317	13:16	104	18:50	351	-	-	00:36	80	07:11	354	12:47	111	19:21	391
21-5	woe	-	-	01:30	70	08:14	353	13:50	97	20:28	388	-	-	1:59	73	8:01	316	14:19	100	19:53	348	-	-	01:30	80	08:10	353	13:50	107	20:24	388
22-5	don	-	-	02:39	60	09:21	357	15:03	86	21:38	390	-	-	3:08	63	9:08	320	15:32	89	21:03	350	-	-	02:39	70	09:17	357	15:03	96	21:34	390
23-5	vry	-	-	03:52	40	10:28	362	16:17	69	22:48	393	-	-	4:21	43	10:15	325	16:46	72	22:13	353	-	-	03:52	50	10:24	362	16:17	79	22:44	393
24-5	zat	-	-	05:03	30	11:30	365	17:25	53	23:52	394	-	-	5:32	33	11:17	328	17:54	56	23:17	354	-	-	05:03	40	11:26	365	17:25	63	23:48	394
25-5	zon	-	-	06:08	20	12:28	365	18:30	44	-	-	-	-	6:37	23	12:15	328	18:59	47	-	-	-	-	06:08	30	12:24	365	18:30	54	-	-
26-5	maa	00:48	391	07:11	20	13:19	365	19:36	35	-	-	0:35	354	7:40	23	13:06	328	20:05	38	-	-	00:44	391	07:11	30	13:15	365	19:36	45	-	-
27-5	din	01:39	389	08:12	20	14:05	370	20:39	22	-	-	1:26	352	8:41	23	13:52	333	21:08	25	-	-	01:35	389	08:12	30	14:01	370	20:39	32	-	-
28-5	woe	02:29	387	09:06	20	14:53	379	21:35	7	-	-	2:16	350	9:35	23	14:40	342	22:04	10	-	-	02:25	387	09:06	30	14:49	379	21:35	17	-	-
29-5	don	03:24	385	09:56	10	15:46	387	22:24	0	-	-	3:11	348	10:25	13	15:33	350	22:53	4	-	-	03:20	385	09:56	20	15:42	387	22:24	9	-	-
30-5	vry	04:22	381	10:41	20	16:40	392	23:10	6	-	-	4:09	344	11:10	23	16:27	355	23:39	9	-	-	04:18	381	10:41	30	16:36	392	23:10	16	-	-
31-5	zat	05:16	374	11:22	30	17:28	392	23:52	28	-	-	5:03	337	11:51	33	17:15	355	0:21	31	-	-	05:12	374	11:22	40	17:24	392	23:52	38	-	-
1-6	zon	06:04	362	11:56	60	18:10	388	-	-	-	-	5:51	325	12:25	63	17:57	351	-	-	-	-	06:00	362	11:56	70	18:06	388	-	-	-	-
2-6	maa	-	-	00:30	50	06:47	351	12:30	89	18:52	385	-	-	0:59	53	6:34	314	12:59	92	18:17	345	-	-	00:30	60	06:43	351	12:30	99	18:48	385
3-6	din	-	-	01:11	80	07:32	346	13:14	105	19:41	384	-	-	1:40	83	7:19	309	13:43	108	19:06	344	-	-	01:11	90	07:28	346	13:14	115	19:37	384
4-6	woe	-	-	02:01	90	08:27	348	14:14	110	20:45	384	-	-	2:30	93	8:14	311	14:43	113	20:10	344	-	-	02:01	100	08:23	348	14:14	120	20:41	384
5-6	don	-	-	03:00	80	09:31	355	15:21	101	22:00	384	-	-	3:29	83	9:18	318	15:50	104	21:25	344	-	-	03:00	90	09:27	355	15:21	111	21:56	384
6-6	vry	-	-	04:01	70	10:38	363	16:26	83	23:09	382	-	-	4:30	73	10:25	326	16:55	86	22:34	342	-	-	04:01	80	10:34	363	16:26	93	23:05	382
7-6	zat	-	-	05:02	50	11:38	367	17:30	65	-	-	-	-	5:31	53	11:25	330	17:59	68	23:31	335	-	-	05:02	60	11:34	367	17:30	75	-	-
8-6	zon	00:06	375	06:02	40	12:28	366	18:33	51	-	-	-	-	6:31	43	12:15	329	19:02	54	-	-	00:02	375	06:02	50	12:24	366	18:33	61	-	-
9-6	maa	00:52	366	06:59	40	13:08	367	19:26	43	-	-	0:39	329	7:28	43	12:55	330	19:55	46	-	-	00:48	366	06:59	50	13:04	367	19:26	53	-	-
10-6	din	01:29	363	07:45	40	13:44	377	20:07	40	-	-	1:16	326	8:14	43	13:31	340	20:36	43	-	-	01:25	363	07:45	50	13:40	377	20:07	50	-	-
11-6	woe	02:04	371	08:23	40	14:21	396	20:45	38	-	-	1:51	334	8:52	43	14:08	359	21:14	41	-	-	02:00	371	08:23	50	14:17	396	20:45	48	-	-
12-6	don	02:43	385	08:58	40	15:02	417	21:23	38	-	-	2:30	348	9:27	43	14:49	380	21:52	41	-	-	02:39	385	08:58	50	14:58	417	21:23	48	-	-
13-6	vry	03:27	396	09:34	50	15:46	430	22:03	43	-	-	3:14	359	10:03	53	15:33	393	22:32	46	-	-	03:23	396	09:34	60	15:42	430	22:03	53	-	-
14-6	zat	04:13	398	10:10	60	16:28	431	22:42	52	-	-	4:00	361	10:39	63	16:15	394	23:11	55	-	-	04:09	398	10:10	70	16:24	431	22:42	62	-	-
15-6	zon	04:58	390	10:44	80	17:05	423	23:18	61	-	-	4:45	353	11:13	83	16:52	386	23:47	64	-	-	04:54	390	10:44	90	17:01	423	23:18	71	-	-
16-6	maa	05:38	378	11:16	80	17:41	414	23:51	62	-	-	5:25	341	11:45	83	17:28	377	0:20	65	-	-	05:34	378	11:16	90	17:37	414	23:51	72	-	-
17-6	din	06:17	368	11:52	80	18:21	408	-	-	-	-	6:04	331	12:21	83	18:08	371	-	-	-	-	06:13	368	11:52	90	18:17	408	-	-	-	-
18-6	woe	-	-	00:28	50	06:59	363	12:37	75	19:08	406	-	-	0:57	53	6:46	326	13:06	78	18:33	366	-	-	00:28	60	06:55	363	12:37	85	19:04	406
19-6	don	-	-	01:15	40	07:49	362	13:32	68	20:01	403	-	-	1:44	43	7:36	325	14:01	71	19:26	363	-	-	01:15	50	07:45	362	13:32	78	19:57	403
20-6	vry	-	-	02:13	30	08:44	361	14:34	64	21:00	398	-	-	2:42	33	8:31	324	15:03	67	20:25	358	-	-	02:13	40	08:40	361	14:34	74	20:56	398
21-6	zat	-	-	03:16	30	09:43	359	15:40	63	22:01	390	-	-	3:45	33	9:30	322	16:09	66	21:26	350	-	-	03:16	40	09:39	359	15:40	73	21:57	390

er dan Suder  
eigen berekening

Referentievlak :LAT lw

datum dag

		er dan Suder					eigen berekening																									
HW	lw	HW	lw	HW	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																	
22-6	zon	-	-	04:21	40	10:40	356	16:47	62	23:02	381	-	-	4:50	43	10:27	319	17:16	65	22:27	341	-	-	04:21	50	10:36	356	16:47	72	22:58	381	
23-6	maa	-	-	05:27	40	11:37	355	17:55	57	-	-	-	-	5:56	43	11:24	318	18:24	60	23:30	334	-	-	05:27	50	11:33	355	17:55	67	-	-	
24-6	din	00:05	374	06:34	40	12:37	358	19:08	47	-	-	-	-	7:03	43	12:24	321	19:37	50	-	-	00:01	374	06:34	50	12:33	358	19:08	57	-	-	
25-6	woe	09:50 EK	01:13	372	07:44	40	13:43	367	20:23	32	-	-	1:00	335	8:13	43	13:30	330	20:52	35	-	-	01:09	372	07:44	50	13:39	367	20:23	42	-	-
26-6	don	02:21	374	08:48	30	14:47	379	21:24	20	-	-	2:08	337	9:17	33	14:34	342	21:53	23	-	-	02:17	374	08:48	40	14:43	379	21:24	30	-	-	
27-6	vry	03:24	379	09:43	30	15:45	391	22:16	20	-	-	3:11	342	10:12	33	15:32	354	22:45	23	-	-	03:20	379	09:43	40	15:41	391	22:16	30	-	-	
28-6	zat	04:21	380	10:32	40	16:37	397	23:02	34	-	-	4:08	343	11:01	43	16:24	360	23:31	37	-	-	04:17	380	10:32	50	16:33	397	23:02	44	-	-	
29-6	zon	05:10	376	11:14	60	17:21	397	23:41	58	-	-	4:57	339	11:43	63	17:08	360	0:10	61	-	-	05:06	376	11:14	70	17:17	397	23:41	68	-	-	
30-6	maa	05:51	367	11:47	80	17:56	394	-	-	-	-	5:38	330	12:16	83	17:43	357	-	-	-	-	05:47	367	11:47	90	17:52	394	-	-	-	-	
1-7	din	-	-	00:14	70	06:25	359	12:15	97	18:27	391	-	-	0:43	73	6:12	322	12:44	100	17:52	351	-	-	00:14	80	06:21	359	12:15	107	18:23	391	
2-7	woe	13:39 VM	-	-	00:44	80	06:58	357	12:49	98	19:02	389	-	-	1:13	83	6:45	320	13:18	101	18:27	349	-	-	00:44	90	06:54	357	12:49	108	18:58	389
3-7	don	-	-	01:21	80	07:39	357	13:34	92	19:52	382	-	-	1:50	83	7:26	320	14:03	95	19:17	342	-	-	01:21	90	07:35	357	13:34	102	19:48	382	
4-7	vry	-	-	02:09	70	08:35	356	14:29	87	20:59	369	-	-	2:38	73	8:22	319	14:58	90	20:24	329	-	-	02:09	80	08:31	356	14:29	97	20:55	369	
5-7	zat	-	-	03:06	70	09:38	352	15:31	84	22:09	357	-	-	3:35	73	9:25	315	16:00	87	21:34	317	-	-	03:06	80	09:34	352	15:31	94	22:05	357	
6-7	zon	-	-	04:09	70	10:39	351	16:38	82	23:11	350	-	-	4:38	73	10:26	314	17:07	85	22:36	310	-	-	04:09	80	10:35	351	16:38	92	23:07	350	
7-7	maa	-	-	05:15	70	11:35	354	17:48	80	-	-	-	-	5:44	73	11:22	317	18:17	83	23:31	310	-	-	05:15	80	11:31	354	17:48	90	-	-	
8-7	din	00:06	350	06:20	80	12:27	367	18:52	74	-	-	-	-	6:49	83	12:14	330	19:21	77	-	-	00:02	350	06:20	90	12:23	367	18:52	84	-	-	
9-7	woe	03:48 LK	00:55	359	07:15	70	13:14	387	19:44	69	-	-	0:42	322	7:44	73	13:01	350	20:13	72	-	-	00:51	359	07:15	80	13:10	387	19:44	79	-	-
10-7	don	01:40	374	08:01	70	14:00	411	20:29	63	-	-	1:27	337	8:30	73	13:47	374	20:58	66	-	-	01:36	374	08:01	80	13:56	411	20:29	73	-	-	
11-7	vry	02:26	388	08:43	70	14:46	428	21:12	58	-	-	2:13	351	9:12	73	14:33	391	21:41	61	-	-	02:22	388	08:43	80	14:42	428	21:12	68	-	-	
12-7	zat	03:14	395	09:24	70	15:32	434	21:56	54	-	-	3:01	358	9:53	73	15:19	397	22:25	57	-	-	03:10	395	09:24	80	15:28	434	21:56	64	-	-	
13-7	zon	04:02	393	10:05	70	16:15	429	22:37	52	-	-	3:49	356	10:34	73	16:02	392	23:06	55	-	-	03:58	393	10:05	80	16:11	429	22:37	62	-	-	
14-7	maa	04:46	383	10:43	70	16:54	420	23:16	50	-	-	4:33	346	11:12	73	16:41	383	23:45	53	-	-	04:42	383	10:43	80	16:50	420	23:16	60	-	-	
15-7	din	05:25	374	11:17	70	17:30	415	23:49	46	-	-	5:12	337	11:46	73	17:17	378	0:18	49	-	-	05:21	374	11:17	80	17:26	415	23:49	56	-	-	
16-7	woe	20:32 NM	06:01	368	11:49	60	18:08	415	-	-	-	5:48	331	12:18	63	17:55	378	-	-	-	-	05:57	368	11:49	70	18:04	415	-	-	-	-	
17-7	don	-	-	00:21	30	06:40	367	12:27	55	18:50	415	-	-	0:50	33	6:27	330	12:56	58	18:15	375	-	-	00:21	40	06:36	367	12:27	65	18:46	415	
18-7	vry	-	-	01:00	30	07:23	365	13:13	53	19:37	409	-	-	1:29	33	7:10	328	13:42	56	19:02	369	-	-	01:00	40	07:19	365	13:13	63	19:33	409	
19-7	zat	-	-	01:47	40	08:11	360	14:06	60	20:30	395	-	-	2:16	43	7:58	323	14:35	63	19:55	355	-	-	01:47	50	08:07	360	14:06	70	20:26	395	
20-7	zon	-	-	02:43	50	09:06	352	15:08	72	21:28	377	-	-	3:12	53	8:53	315	15:37	75	20:53	337	-	-	02:43	60	09:02	352	15:08	82	21:24	377	
21-7	maa	-	-	03:48	60	10:05	346	16:20	79	22:34	361	-	-	4:17	63	9:52	309	16:49	82	21:59	321	-	-	03:48	70	10:01	346	16:20	89	22:30	361	
22-7	din	-	-	05:03	70	11:12	345	17:41	73	23:53	354	-	-	5:32	73	10:59	308	18:10	76	23:18	314	-	-	05:03	80	11:08	345	17:41	83	23:49	354	
23-7	woe	-	-	06:19	60	12:37	355	19:04	56	-	-	-	-	6:48	63	12:24	318	19:33	59	-	-	-	-	06:19	70	12:33	355	19:04	66	-	-	
24-7	don	01:22	362	07:34	50	13:51	375	20:18	39	-	-	1:09	325	8:03	53	13:38	338	20:47	42	-	-	01:18	362	07:34	60	13:47	375	20:18	49	-	-	
25-7	vry	00:07 EK	02:26	377	08:40	40	14:49	395	21:17	33	-	-	2:13	340	9:09	43	14:36	358	21:46	36	-	-	02:22	377	08:40	50	14:45	395	21:17	43	-	-
26-7	zat	03:20	387	09:34	40	15:39	408	22:06	43	-	-	3:07	350	10:03	43	15:26	371	22:35	46	-	-	03:16	387	09:34	50	15:35	408	22:06	53	-	-	
27-7	zon	04:09	389	10:20	60	16:25	409	22:49	63	-	-	3:56	352	10:49	63	16:12	372	23:18	66	-	-	04:05	389	10:20	70	16:21	409	22:49	73	-	-	
28-7	maa	04:52	382	10:59	80	17:03	403	23:22	82	-	-	4:39	345	11:28	83	16:50	366	23:51	85	-	-	04:48	382	10:59	90	16:59	403	23:22	92	-	-	
29-7	din	05:26	372	11:27	90	17:30	395	23:46	88	-	-	5:13	335	11:56	93	17:17	358	0:15	91	-	-	05:22	372	11:27	100	17:26	395	23:46	98	-	-	
30-7	woe	05:51	366	11:48	90	17:52	392	-	-	-	-	5:38	329	12:17	93	17:39	355	0:38	82	-	-	05:47	366	11:48	100	17:48	392	-	-	-	-	
31-7	don	20:32 VM	-	-	00:09	70	06:15	366	12:17	77	18:20	390	6:02	329	12:46	73	18:07	353	-	-	-	-	-	-	00:09	80	06:11	366	12:17	87	18:16	390
1-8	vry	-	-	00:41	60	06:47	366	12:54	68	18:58	382	-	-	1:10	63	6:34	329	13:23	71	18:23	342	-	-	00:41	70	06:43	366	12:54	78	18:54	382	
2-8	zat	-	-	01:19	60	07:33	358	13:38	73	19:51	364	-	-	1:48	63	7:20	321	14:07	76	19:16	324	-	-	01:19	70	07:29	358	13:38	83	19:47	364	
3-8	zon	-	-	02:05	80	08:35	346	14:31	93	21:06	347	-	-	2:34	83	8:22	309	15:00	96	20:31	307	-	-	02:05	90	08:31	346	14:31	103	21:02	347	
4-8	maa	-	-	03:01	100	09:45	343	15:36	119	22:17	341	-	-	3:30	103	9:32	306	16:05	122	21:42	301	-	-	03:01	110	09:41	343	15:36	129	22:13	341	

Referentievlak :LAT lw

datum dag

		L1				L2				L3				L4																			
		HW		lw		HW		lw		HW		lw		HW		lw																	
5-8	din	-	-	04:13	130	10:49	353	17:00	131	23:21	347	-	-	4:42	133	10:36	316	17:29	134	22:46	307	-	-	04:13	140	10:45	353	17:00	141	23:17	347		
6-8	woe	-	-	05:41	130	11:50	375	18:23	118	-	-	-	-	6:10	133	11:37	338	18:52	121	23:47	323	-	-	05:41	140	11:46	375	18:23	128	-	-		
7-8	don	12:28	LK	00:22	363	06:49	120	12:49	403	19:22	96	-	-	-	-	7:18	123	12:36	366	19:51	99	-	-	00:18	363	06:49	130	12:45	403	19:22	106	-	-
8-8	vry			01:20	382	07:41	100	13:43	425	20:11	76	-	-	1:07	345	8:10	103	13:30	388	20:40	79	-	-	01:16	382	07:41	110	13:39	425	20:11	86	-	-
9-8	zat			02:13	394	08:28	80	14:32	435	20:58	60	-	-	2:00	357	8:57	83	14:19	398	21:27	63	-	-	02:09	394	08:28	90	14:28	435	20:58	70	-	-
10-8	zon			03:01	396	09:12	70	15:18	432	21:43	49	-	-	2:48	359	9:41	73	15:05	395	22:12	52	-	-	02:57	396	09:12	80	15:14	432	21:43	59	-	-
11-8	maa			03:46	388	09:55	60	15:59	423	22:25	42	-	-	3:33	351	10:24	63	15:46	386	22:54	45	-	-	03:42	388	09:55	70	15:55	423	22:25	52	-	-
12-8	din			04:27	377	10:35	50	16:36	417	23:04	38	-	-	4:14	340	11:04	53	16:23	380	23:33	41	-	-	04:23	377	10:35	60	16:32	417	23:04	48	-	-
13-8	woe			05:03	371	11:11	50	17:12	419	23:39	35	-	-	4:50	334	11:40	53	16:59	382	0:08	38	-	-	04:59	371	11:11	60	17:08	419	23:39	45	-	-
14-8	don			05:39	371	11:42	40	17:49	423	-	-	-	-	5:26	334	12:11	43	17:36	386	0:39	38	-	-	05:35	371	11:42	50	17:45	423	-	-	-	-
15-8	vry	11:38	NM	-	-	00:10	30	06:17	374	12:15	44	18:31	422	6:04	337	12:44	43	18:18	385	-	-	-	-	-	-	00:10	40	06:13	374	12:15	54	18:27	422
16-8	zat			-	-	00:42	40	06:59	372	12:54	50	19:17	409	-	-	1:11	43	6:46	335	13:23	53	18:42	369	-	-	00:42	50	06:55	372	12:54	60	19:13	409
17-8	zon			-	-	01:21	50	07:46	363	13:42	66	20:09	385	-	-	1:50	53	7:33	326	14:11	69	19:34	345	-	-	01:21	60	07:42	363	13:42	76	20:05	385
18-8	maa			-	-	02:13	70	08:42	350	14:44	88	21:13	359	-	-	2:42	73	8:29	313	15:13	91	20:38	319	-	-	02:13	80	08:38	350	14:44	98	21:09	359
19-8	din			-	-	03:22	90	09:52	342	16:11	99	22:34	343	-	-	3:51	93	9:39	305	16:40	102	21:59	303	-	-	03:22	100	09:48	342	16:11	109	22:30	343
20-8	woe			-	-	04:54	100	11:23	348	17:43	87	-	-	-	-	5:23	103	11:10	311	18:12	90	23:39	309	-	-	04:54	110	11:19	348	17:43	97	-	-
21-8	don			00:14	349	06:16	80	12:50	374	19:07	64	-	-	-	-	6:45	83	12:37	337	19:36	67	-	-	00:10	349	06:16	90	12:46	374	19:07	74	-	-
22-8	vry			01:27	373	07:31	60	13:51	405	20:14	46	-	-	1:14	336	8:00	63	13:38	368	20:43	49	-	-	01:23	373	07:31	70	13:47	405	20:14	56	-	-
23-8	zat	11:57	EK	02:22	395	08:32	50	14:41	426	21:07	44	-	-	2:09	358	9:01	53	14:28	389	21:36	47	-	-	02:18	395	08:32	60	14:37	426	21:07	54	-	-
24-8	zon			03:08	404	09:22	50	15:25	430	21:51	59	-	-	2:55	367	9:51	53	15:12	393	22:20	62	-	-	03:04	404	09:22	60	15:21	430	21:51	69	-	-
25-8	maa			03:50	401	10:03	70	16:04	421	22:28	77	-	-	3:37	364	10:32	73	15:51	384	22:57	80	-	-	03:46	401	10:03	80	16:00	421	22:28	87	-	-
26-8	din			04:25	390	10:35	80	16:34	408	22:54	86	-	-	4:12	353	11:04	83	16:21	371	23:23	89	-	-	04:21	390	10:35	90	16:30	408	22:54	96	-	-
27-8	woe			04:50	381	10:56	80	16:56	399	23:11	77	-	-	4:37	344	11:25	83	16:43	362	23:40	80	-	-	04:46	381	10:56	90	16:52	399	23:11	87	-	-
28-8	don			05:10	380	11:16	60	17:17	398	23:33	61	-	-	4:57	343	11:45	63	17:04	361	0:02	64	-	-	05:06	380	11:16	70	17:13	398	23:33	71	-	-
29-8	vry			05:34	381	11:45	50	17:45	397	-	-	-	-	5:21	344	12:14	53	17:32	360	0:32	58	-	-	05:30	381	11:45	60	17:41	397	-	-	-	-
30-8	zat	03:35	VM	-	-	00:03	50	06:04	378	12:18	54	18:17	389	5:51	341	12:47	53	18:04	352	-	-	-	-	-	-	00:03	60	06:00	378	12:18	64	18:13	389
31-8	zon			-	-	00:35	60	06:37	369	12:54	76	18:55	373	-	-	1:04	63	6:24	332	13:23	79	18:20	333	-	-	00:35	70	06:33	369	12:54	86	18:51	373
1-9	maa			-	-	01:09	90	07:18	358	13:34	112	19:46	355	-	-	1:38	93	7:05	321	14:03	115	19:11	315	-	-	01:09	100	07:14	358	13:34	122	19:42	355
2-9	din			-	-	01:53	130	08:35	353	14:31	151	21:19	346	-	-	2:22	133	8:22	316	15:00	154	20:44	306	-	-	01:53	140	08:31	353	14:31	161	21:15	346
3-9	woe			-	-	02:55	170	10:03	365	15:56	172	22:39	355	-	-	3:24	173	9:50	328	16:25	175	22:04	315	-	-	02:55	180	09:59	365	15:56	182	22:35	355
4-9	don			-	-	04:27	170	11:12	391	17:45	151	23:47	374	-	-	4:56	173	10:59	354	18:14	154	23:12	334	-	-	04:27	180	11:08	391	17:45	161	23:43	374
5-9	vry			-	-	06:11	150	12:17	417	18:50	110	-	-	-	-	6:40	153	12:04	380	19:19	113	-	-	-	-	06:11	160	12:13	417	18:50	120	-	-
6-9	zat	00:21	LK	00:52	392	07:10	110	13:16	434	19:43	76	-	-	0:39	355	7:39	113	13:03	397	20:12	79	-	-	00:48	392	07:10	120	13:12	434	19:43	86	-	-
7-9	zon			01:48	400	08:00	80	14:07	436	20:32	56	-	-	1:35	363	8:29	83	13:54	399	21:01	59	-	-	01:44	400	08:00	90	14:03	436	20:32	66	-	-
8-9	maa			02:35	395	08:48	60	14:51	428	21:18	47	-	-	2:22	358	9:17	63	14:38	391	21:47	50	-	-	02:31	395	08:48	70	14:47	428	21:18	57	-	-
9-9	din			03:17	383	09:32	60	15:30	419	22:02	42	-	-	3:04	346	10:01	63	15:17	382	22:31	45	-	-	03:13	383	09:32	70	15:26	419	22:02	52	-	-
10-9	woe			03:54	375	10:13	50	16:06	418	22:42	39	-	-	3:41	338	10:42	53	15:53	381	23:11	42	-	-	03:50	375	10:13	60	16:02	418	22:42	49	-	-
11-9	don			04:30	376	10:51	40	16:44	424	23:17	37	-	-	4:17	339	11:20	43	16:31	387	23:46	40	-	-	04:26	376	10:51	50	16:40	424	23:17	47	-	-
12-9	vry			05:07	384	11:25	30	17:25	429	23:48	40	-	-	4:54	347	11:54	33	17:12	392	0:17	43	-	-	05:03	384	11:25	40	17:21	429	23:48	50	-	-
13-9	zat			05:48	390	11:57	40	18:08	422	-	-	-	-	5:35	353	12:26	43	17:55	385	-	-	-	-	05:44	390	11:57	50	18:04	422	-	-	-	-
14-9	zon	03:40	NM	-	-	00:17	50	06:32	386	12:34	52	18:56	400	-	-	0:46	53	6:19	349	13:03	55	18:21	360	-	-	00:17	60	06:28	386	12:34	62	18:52	400
15-9	maa			-	-	00:53	70	07:20	372	13:20	77	19:50	368	-	-	1:22	73	7:07	335	13:49	80	19:15	328	-	-	00:53	80	07:16	372	13:20	87	19:46	368
16-9	din			-	-	01:41	100	08:20	354	14:25	109																						



Referentievlak :LAT lw

datum	dag	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																			
18-9	don	-	-	04:48	130	11:30	365	17:43	103	-	-	-	-	5:17	133	11:17	328	18:12	106	23:41	317	-	-	04:48	140	11:26	365	17:43	113	-	-				
19-9	vry	00:16	357	06:10	100	12:45	404	19:01	76	-	-	-	-	6:39	103	12:32	367	19:30	79	-	-	00:12	357	06:10	110	12:41	404	19:01	86	-	-				
20-9	zat	01:20	390	07:21	70	13:40	436	20:00	56	-	-	1:07	353	7:50	73	13:27	399	20:29	59	-	-	01:16	390	07:21	80	13:36	436	20:00	66	-	-				
21-9	zon	21:32 EK	02:09	412	08:16	60	14:25	448	20:47	55	-	-	1:56	375	8:45	63	14:12	411	21:16	58	-	-	02:05	412	08:16	70	14:21	448	20:47	65	-	-			
22-9	maa	02:50	415	09:02	60	15:03	438	21:27	67	-	-	2:37	378	9:31	63	14:50	401	21:56	70	-	-	02:46	415	09:02	70	14:59	438	21:27	77	-	-				
23-9	din	03:24	405	09:39	70	15:34	419	21:58	79	-	-	3:11	368	10:08	73	15:21	382	22:27	82	-	-	03:20	405	09:39	80	15:30	419	21:58	89	-	-				
24-9	woe	03:50	393	10:05	80	15:59	404	22:18	78	-	-	3:37	356	10:34	83	15:46	367	22:47	81	-	-	03:46	393	10:05	90	15:55	404	22:18	88	-	-				
25-9	don	04:11	389	10:21	70	16:23	399	22:36	65	-	-	3:58	352	10:50	73	16:10	362	23:05	68	-	-	04:07	389	10:21	80	16:19	399	22:36	75	-	-				
26-9	vry	04:36	391	10:45	50	16:51	399	23:02	57	-	-	4:23	354	11:14	53	16:38	362	23:31	60	-	-	04:32	391	10:45	60	16:47	399	23:02	67	-	-				
27-9	zat	05:06	391	11:17	50	17:22	397	23:31	70	-	-	4:53	354	11:46	53	17:09	360	0:00	73	-	-	05:02	391	11:17	60	17:18	397	23:31	80	-	-				
28-9	zon	11:57 VM	05:38	387	11:49	70	17:54	387	-	-	-	-	5:25	350	12:18	73	17:41	350	0:29	102	-	-	05:34	387	11:49	80	17:50	387	-	-	-	-			
29-9	maa	-	-	00:00	90	06:07	380	12:20	105	18:24	375	5:54	343	12:49	103	18:11	338	-	-	-	-	-	-	00:00	100	06:03	380	12:20	115	18:20	375	-	-		
30-9	din	-	-	00:29	130	06:39	375	12:55	139	19:07	362	-	-	0:58	133	6:26	338	13:24	142	18:32	322	-	-	00:29	140	06:35	375	12:55	149	19:03	362	-	-		
1-10	woe	-	-	01:07	160	07:37	373	13:46	167	20:32	355	-	-	1:36	163	7:24	336	14:15	170	19:57	315	-	-	01:07	170	07:33	373	13:46	177	20:28	355	-	-		
2-10	don	-	-	02:06	180	09:11	381	15:06	178	22:02	364	-	-	2:35	183	8:58	344	15:35	181	21:27	324	-	-	02:06	190	09:07	381	15:06	188	21:58	364	-	-		
3-10	vry	-	-	03:30	180	10:30	401	16:46	152	23:12	382	-	-	3:59	183	10:17	364	17:15	155	22:37	342	-	-	03:30	190	10:26	401	16:46	162	23:08	382	-	-		
4-10	zat	-	-	05:08	150	11:40	420	18:05	106	-	-	-	-	5:37	153	11:27	383	18:34	109	23:43	356	-	-	05:08	160	11:36	420	18:05	116	-	-	-	-		
5-10	zon	15:48 LK	00:18	396	06:25	110	12:44	431	19:05	71	-	-	-	-	6:54	113	12:31	394	19:34	74	-	-	00:14	396	06:25	120	12:40	431	19:05	81	-	-	-	-	
6-10	maa	01:16	400	07:24	80	13:37	431	19:59	54	-	-	1:03	363	7:53	83	13:24	394	20:28	57	-	-	01:12	400	07:24	90	13:33	431	19:59	64	-	-	-	-		
7-10	din	02:04	394	08:16	60	14:21	424	20:48	48	-	-	1:51	357	8:45	63	14:08	387	21:17	51	-	-	02:00	394	08:16	70	14:17	424	20:48	58	-	-	-	-		
8-10	woe	02:44	385	09:03	60	14:58	419	21:33	47	-	-	2:31	348	9:32	63	14:45	382	22:02	50	-	-	02:40	385	09:03	70	14:54	419	21:33	57	-	-	-	-		
9-10	don	03:19	384	09:47	50	15:35	420	22:14	44	-	-	3:06	347	10:16	53	15:22	383	22:43	47	-	-	03:15	384	09:47	60	15:31	420	22:14	54	-	-	-	-		
10-10	vry	03:55	391	10:28	40	16:15	424	22:51	42	-	-	3:42	354	10:57	43	16:02	387	23:20	45	-	-	03:51	391	10:28	50	16:11	424	22:51	52	-	-	-	-		
11-10	zat	04:36	401	11:06	30	17:01	422	23:23	48	-	-	4:23	364	11:35	33	16:48	385	23:52	51	-	-	04:32	401	11:06	40	16:57	422	23:23	58	-	-	-	-		
12-10	zon	05:21	405	11:42	40	17:48	407	23:52	65	-	-	5:08	368	12:11	43	17:35	370	0:21	68	-	-	05:17	405	11:42	50	17:44	407	23:52	75	-	-	-	-		
13-10	maa	19:55 NM	06:07	397	12:19	60	18:38	381	-	-	-	-	5:54	360	12:48	63	18:25	344	-	-	-	-	06:03	397	12:19	70	18:34	381	-	-	-	-	-	-	
14-10	din	-	-	00:28	90	06:57	380	13:05	93	19:36	350	-	-	0:57	93	6:44	343	13:34	96	19:01	310	-	-	00:28	100	06:53	380	13:05	103	19:32	350	-	-	-	-
15-10	woe	-	-	01:15	120	08:00	363	14:19	128	20:58	330	-	-	1:44	123	7:47	326	14:48	131	20:23	290	-	-	01:15	130	07:56	363	14:19	138	20:54	330	-	-	-	-
16-10	don	-	-	02:44	150	09:37	362	16:03	134	22:38	338	-	-	3:13	153	9:24	325	16:32	137	22:03	298	-	-	02:44	160	09:33	362	16:03	144	22:34	338	-	-	-	-
17-10	vry	-	-	04:29	140	11:15	389	17:21	115	23:57	370	-	-	4:58	143	11:02	352	17:50	118	23:22	330	-	-	04:29	150	11:11	389	17:21	125	23:53	370	-	-	-	-
18-10	zat	-	-	05:45	120	12:22	424	18:33	88	-	-	-	-	6:14	123	12:09	387	19:02	91	-	-	-	-	05:45	130	12:18	424	18:33	98	-	-	-	-		
19-10	zon	00:57	402	06:53	90	13:15	445	19:30	68	-	-	0:44	365	7:22	93	13:02	408	19:59	71	-	-	00:53	402	06:53	100	13:11	445	19:30	78	-	-	-	-		
20-10	maa	01:44	417	07:48	70	13:58	442	20:15	62	-	-	1:31	380	8:17	73	13:45	405	20:44	65	-	-	01:40	417	07:48	80	13:54	442	20:15	72	-	-	-	-		
21-10	din	05:29 EK	02:21	412	08:32	70	14:32	422	20:52	68	-	-	2:08	375	9:01	73	14:19	385	21:21	71	-	-	02:17	412	08:32	80	14:28	422	20:52	78	-	-	-	-	
22-10	woe	02:49	399	09:07	70	14:59	401	21:21	73	-	-	2:36	362	9:36	73	14:46	364	21:50	76	-	-	02:45	399	09:07	80	14:55	401	21:21	83	-	-	-	-		
23-10	don	03:11	391	09:31	70	15:25	393	21:41	69	-	-	2:58	354	10:00	73	15:12	356	22:10	72	-	-	03:07	391	09:31	80	15:21	393	21:41	79	-	-	-	-		
24-10	vry	03:37	395	09:51	60	15:56	395	22:05	63	-	-	3:24	358	10:20	63	15:43	358	22:34	66	-	-	03:33	395	09:51	70	15:52	395	22:05	73	-	-	-	-		
25-10	zat	04:11	402	10:21	50	16:32	399	22:36	70	-	-	3:58	365	10:50	53	16:19	362	23:05	73	-	-	04:07	402	10:21	60	16:28	399	22:36	80	-	-	-	-		
26-10	zon	03:49	405	09:56	71	16:10	396	22:06	96	-	-	3:36	368	10:25	74	15:57	359	22:35	99	-	-	03:45	405	09:56	81	16:06	396	22:06	106	-	-	-	-		
27-10	maa	22:24 VM	04:24	402	10:29	99	16:46	386	22:33	130	-	-	4:11	365	10:58	102	16:33	349	23:02	133	-	-	04:20	402	10:29	109	16:42	386	22:33	140	-	-	-	-	
28-10																																			

Referentievlak :LAT lw

datum dag

		L1					L2					L3																					
		HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																	
1-11	zat	-	-	01:57	167	08:46	400	14:55	123	21:37	381	-	-	2:26	170	8:33	363	15:24	126	21:02	341	-	-	01:57	177	08:42	400	14:55	133	21:33	381		
2-11	zon	-	-	03:20	137	10:00	412	16:13	88	22:42	391	-	-	3:49	140	9:47	375	16:42	91	22:07	351	-	-	03:20	147	09:56	412	16:13	98	22:38	391		
3-11	maa	-	-	04:35	102	11:07	420	17:19	63	23:42	395	-	-	5:04	105	10:54	383	17:48	66	23:07	355	-	-	04:35	112	11:03	420	17:19	73	23:38	395		
4-11	din	09:17	LK	-	-	05:40	78	12:02	421	18:19	51	-	-	6:09	81	11:49	384	18:48	54	23:57	353	-	-	05:40	88	11:58	421	18:19	61	-	-		
5-11	woe	00:32	393	06:39	66	12:48	418	19:14	49	-	-	-	-	7:08	69	12:35	381	19:43	52	-	-	00:28	393	06:39	76	12:44	418	19:14	59	-	-		
6-11	don	01:12	391	07:33	58	13:28	416	20:03	48	-	-	0:59	354	8:02	61	13:15	379	20:32	51	-	-	01:08	391	07:33	68	13:24	416	20:03	58	-	-		
7-11	vry	01:48	395	08:23	48	14:09	414	20:47	46	-	-	1:35	358	8:52	51	13:56	377	21:16	49	-	-	01:44	395	08:23	58	14:05	414	20:47	56	-	-		
8-11	zat	02:28	403	09:10	36	14:56	411	21:29	47	-	-	2:15	366	9:39	39	14:43	374	21:58	50	-	-	02:24	403	09:10	46	14:52	411	21:29	57	-	-		
9-11	zon	03:15	409	09:54	32	15:48	402	22:07	57	-	-	3:02	372	10:23	35	15:35	365	22:36	60	-	-	03:11	409	09:54	42	15:44	402	22:07	67	-	-		
10-11	maa	04:04	409	10:36	43	16:40	386	22:41	79	-	-	3:51	372	11:05	46	16:27	349	23:10	82	-	-	04:00	409	10:36	53	16:36	386	22:41	89	-	-		
11-11	din	04:53	401	11:18	68	17:32	365	23:17	107	-	-	4:40	364	11:47	71	17:19	328	23:46	110	-	-	04:49	401	11:18	78	17:28	365	23:17	117	-	-		
12-11	woe	10:27	NM	05:43	389	12:05	100	18:30	346	-	-	5:30	352	12:34	103	18:17	309	0:34	139	-	-	05:39	389	12:05	110	18:26	346	-	-	-	-		
13-11	don	-	-	00:05	136	06:45	381	13:12	125	19:41	339	6:32	344	13:41	128	19:28	302	-	-	-	-	-	-	00:05	146	06:41	381	13:12	135	19:37	339		
14-11	vry	-	-	01:25	154	08:08	382	14:26	128	21:03	350	-	-	1:54	157	7:55	345	14:55	131	20:28	310	-	-	01:25	164	08:04	382	14:26	138	20:59	350		
15-11	zat	-	-	02:47	147	09:34	398	15:30	113	22:15	372	-	-	3:16	150	9:21	361	15:59	116	21:40	332	-	-	02:47	157	09:30	398	15:30	123	22:11	372		
16-11	zon	-	-	03:53	124	10:40	414	16:32	93	23:15	392	-	-	4:22	127	10:27	377	17:01	96	22:40	352	-	-	03:53	134	10:36	414	16:32	103	23:11	392		
17-11	maa	-	-	04:59	99	11:35	418	17:35	76	-	-	-	-	5:28	102	11:22	381	18:04	79	23:28	358	-	-	04:59	109	11:31	418	17:35	86	23:59	398		
18-11	din	11:50	EK	00:03	398	06:04	78	12:20	407	18:29	66	-	-	6:33	81	12:07	370	18:58	69	-	-	-	-	06:04	88	12:16	407	18:29	76	-	-		
19-11	woe	00:40	392	06:53	68	12:55	390	19:09	65	-	-	0:27	355	7:22	71	12:42	353	19:38	68	-	-	00:36	392	06:53	78	12:51	390	19:09	75	-	-		
20-11	don	01:08	385	07:29	66	13:24	380	19:41	67	-	-	0:55	348	7:58	69	13:11	343	20:10	70	-	-	01:04	385	07:29	76	13:20	380	19:41	77	-	-		
21-11	vry	01:35	389	07:57	64	13:54	384	20:09	67	-	-	1:22	352	8:26	67	13:41	347	20:38	70	-	-	01:31	389	07:57	74	13:50	384	20:09	77	-	-		
22-11	zat	02:07	403	08:26	62	14:30	395	20:39	70	-	-	1:54	366	8:55	65	14:17	358	21:08	73	-	-	02:03	403	08:26	72	14:26	395	20:39	80	-	-		
23-11	zon	02:46	418	09:01	65	15:12	402	21:12	84	-	-	2:33	381	9:30	68	14:59	365	21:41	87	-	-	02:42	418	09:01	75	15:08	402	21:12	94	-	-		
24-11	maa	03:27	425	09:39	80	15:54	400	21:44	109	-	-	3:14	388	10:08	83	15:41	363	22:13	112	-	-	03:23	425	09:39	90	15:50	400	21:44	119	-	-		
25-11	din	04:03	422	10:13	101	16:33	389	22:12	134	-	-	3:50	385	10:42	104	16:20	352	22:41	137	-	-	03:59	422	10:13	111	16:29	389	22:12	144	-	-		
26-11	woe	10:16	VM	04:35	414	10:44	117	17:08	376	22:43	146	-	-	4:22	377	11:13	120	16:55	339	23:12	149	-	-	04:31	414	10:44	127	17:04	376	22:43	156	-	-
27-11	don	05:08	406	11:18	119	17:49	367	23:22	144	-	-	4:55	369	11:47	122	17:36	330	23:51	147	-	-	05:04	406	11:18	129	17:45	367	23:22	154	-	-		
28-11	vry	05:54	400	12:04	111	18:41	363	-	-	-	-	5:41	363	12:33	114	18:28	326	-	-	-	-	05:50	400	12:04	121	18:37	363	-	-	-	-		
29-11	zat	-	-	00:18	136	06:53	396	13:05	99	19:44	364	-	-	0:47	139	6:40	359	13:34	102	19:09	324	-	-	00:18	146	06:49	396	13:05	109	19:40	364		
30-11	zon	-	-	01:27	124	07:59	395	14:14	85	20:49	369	-	-	1:56	127	7:46	358	14:43	88	20:14	329	-	-	01:27	134	07:55	395	14:14	95	20:45	369		
1-12	maa	-	-	02:39	106	09:07	397	15:22	71	21:53	374	-	-	3:08	109	8:54	360	15:51	74	21:18	334	-	-	02:39	116	09:03	397	15:22	81	21:49	374		
2-12	din	-	-	03:47	88	10:14	399	16:29	61	22:53	376	-	-	4:16	91	10:01	362	16:58	64	22:18	336	-	-	03:47	98	10:10	399	16:29	71	22:49	376		
3-12	woe	-	-	04:53	76	11:14	398	17:33	58	23:46	378	-	-	5:22	79	11:01	361	18:02	61	23:11	338	-	-	04:53	86	11:10	398	17:33	68	23:42	378		
4-12	don	06:49	LK	-	-	05:58	66	12:08	397	18:35	56	-	-	6:27	69	11:55	360	19:04	59	23:59	342	-	-	05:58	76	12:04	397	18:35	66	-	-		
5-12	vry	00:34	382	07:03	55	12:59	395	19:33	53	-	-	-	-	7:32	58	12:46	358	20:02	56	-	-	00:30	382	07:03	65	12:55	395	19:33	63	-	-		
6-12	zat	01:20	389	08:04	41	13:54	393	20:27	50	-	-	1:07	352	8:33	44	13:41	356	20:56	53	-	-	01:16	389	08:04	51	13:50	393	20:27	60	-	-		
7-12	zon	02:13	395	08:59	31	14:53	389	21:16	51	-	-	2:00	358	9:28	34	14:40	352	21:45	54	-	-	02:09	395	08:59	41	14:49	389	21:16	61	-	-		
8-12	maa	03:08	400	09:49	32	15:51	381	22:02	63	-	-	2:55	363	10:18	35	15:38	344	22:31	66	-	-	03:04	400	09:49	42	15:47	381	22:02	73	-	-		
9-12	din	04:02	400	10:36	47	16:42	370	22:43	84	-	-	3:49	363	11:05	50	16:29	333	23:12	87	-	-	03:58	400	10:36	57	16:38	370	22:43	94	-	-		
10-12	woe	04:48	396	11:18	72	17:27	357	23:19	108	-	-	4:35	359	11:47	75	17:14	320	23:48	111	-	-	04:44	396	11:18	82	17:23	357	23:19	118	-	-		
11-12	don	05:32	391	11:58	97	18:11	348	23:57	125	-	-	5:19	354	12:27	100	17:58	311	0:26	128	-	-	05:28	391	11:58	107	18:07	348	23:57	135	-	-		
12-12	vry	00:32	NM	06:19	387	12:42	111	19:03	345	-	-	6:06	350	13:11	114	18:50	308	-	-	-	-	06:15	387	12:42	121	18:59	345	-	-	-	-		
13-12	zat	-	-	00:50	132	07:19	382	13:36	112	20:04	347	-	-	1:19	135	7:06	345	14:05	115	19:29	307	-	-	00:50	142	07:15	382	13:36	122	20:00	347		
14-12	zon	-	-	01:54	126	08:32	378	14:34	102	21:11	354	-	-	2:23	129	8:19	341	15:03	105	20:36	314	-	-	01:54	136	08:28	378	14:34	112	21:07	354		

er dan Suder  
eigen berekening



Referentievlak :LAT lw

datum	dag	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw					
15-12	maa	-	-	02:59	110	09:43	375	15:34	89	22:14	359	-	-	02:59	120	09:39	375	15:34	99	22:10	359	
16-12	din	-	-	04:02	92	10:45	368	16:35	79	23:10	361	-	-	04:02	102	10:41	368	16:35	89	23:06	361	
17-12	woe	-	-	05:09	77	11:37	360	17:38	72	23:55	362	-	-	05:09	87	11:33	360	17:38	82	23:51	362	
18-12	don	09:39 EK	-	06:11	67	12:20	356	18:31	71	-	-	-	-	06:11	77	12:16	356	18:31	81	-	-	
19-12	vry	00:31	370	06:57	65	12:54	361	19:12	73	-	-	-	-	06:57	75	12:50	361	19:12	83	-	-	
20-12	zat	01:06	386	07:35	67	13:30	374	19:48	77	-	-	0:53	349	07:35	77	13:26	374	19:48	87	-	-	
21-12	zon	01:44	407	08:11	68	14:10	389	20:23	82	-	-	1:31	370	08:11	78	14:06	389	20:23	92	-	-	
22-12	maa	02:25	423	08:49	71	14:54	396	20:58	91	-	-	2:12	386	08:49	81	14:50	396	20:58	101	-	-	
23-12	din	03:07	427	09:28	77	15:38	393	21:32	104	-	-	2:54	390	09:28	87	15:34	393	21:32	114	-	-	
24-12	woe	03:44	420	10:04	84	16:17	381	22:02	112	-	-	3:31	383	10:04	94	16:13	381	22:02	122	-	-	
25-12	don	04:18	410	10:35	85	16:52	369	22:33	110	-	-	4:05	373	10:35	95	16:48	369	22:33	120	-	-	
26-12	vry	04:53	402	11:07	78	17:29	362	23:10	98	-	-	4:40	365	11:07	88	17:25	362	23:10	108	-	-	
27-12	zat	01:33 VM	05:34	397	11:46	65	18:11	359	23:58	85	-	-	5:21	360	11:46	75	18:07	359	23:58	95	-	-
28-12	zon	06:23	394	12:36	57	19:00	356	-	-	-	-	6:10	357	12:36	67	18:56	356	-	-	-	-	
29-12	maa	-	-	00:55	79	07:17	389	13:33	58	19:54	354	-	-	00:55	89	07:13	389	13:33	68	19:50	354	
30-12	din	-	-	01:58	78	08:15	382	14:37	65	20:52	350	-	-	01:58	88	08:11	382	14:37	75	20:48	350	
31-12	woe	-	-	03:04	79	09:16	373	15:44	71	21:52	349	-	-	03:04	89	09:12	373	15:44	81	21:48	349	

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eigen berekening