

Referentievlak :LAT
HW
lw

datum dag		Eidersperrwerk, Außenpegel 54°16'0.1"N,8°51'0.0"E				Eidersperrwerk				Süderoogsand 54°25'06"N 8°30'12"E				Tümlauer, Hafen 54°21'04"N 8°40'29"E				Tümlauer Hafen			
		HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw		
		20	20	cm m		eigen berekening								67,65		3,571		eigen berekening			
1-1	woe	1:47 441	9:04 46	14:04 372	21:04 57	-	-	01:22 382	08:12 59	13:53 348	20:20 77	-	-	1:34 314	8:39 126	14:05 415	20:47 144	-	-		
2-1	don	2:21 442	9:49 43	14:54 364	21:45 59	-	-	02:06 381	08:56 57	14:39 341	20:59 80	-	-	2:18 313	9:23 124	14:51 408	21:26 147	-	-		
3-1	vry	3:03 434	10:29 41	15:43 352	22:21 59	-	-	02:47 374	09:37 57	15:22 330	21:36 81	-	-	2:59 306	10:04 124	15:34 397	22:03 148	-	-		
4-1	zat	3:42 427	10:55 37	16:25 342	22:54 54	-	-	03:25 366	10:14 56	16:00 321	22:11 77	-	-	3:37 298	10:41 123	16:12 388	22:38 144	-	-		
5-1	zon	4:19 424	11:27 29	17:04 337	23:34 47	-	-	04:04 363	10:47 51	16:39 317	22:49 69	-	-	4:16 295	11:14 118	16:51 384	23:16 136	-	-		
6-1	maa	5:01 425	12:12 24	17:45 336	0:24 43	-	-	04:48 363	11:25 47	17:23 313	23:34 65	-	-	5:00 295	11:52 114	17:35 380	0:01 132	-	-		
7-1	din 01:08 VM	5:54 425	13:06 27	18:34 333	1:28 47	-	-	05:36 359	12:11 48	18:11 307	-	-	5:48 291	12:38 115	18:23 374	0:54 135	-	-			
8-1	woe	-	1:28 47	6:52 377	14:08 36	19:27 367	-	-	00:27 68	06:29 347	13:05 58	19:06 298	-	0:54 135	6:41 414	13:32 125	19:18 230	-	-		
9-1	don	-	2:35 53	7:50 363	15:09 47	20:22 360	-	-	01:28 76	07:27 329	14:07 72	20:03 288	-	1:55 143	7:39 396	14:34 139	20:15 220	-	-		
10-1	vry	-	3:37 58	8:48 346	16:09 56	21:19 356	-	-	02:36 83	08:30 311	15:17 82	21:04 282	-	3:03 150	8:42 378	15:44 149	21:16 214	-	-		
11-1	zat	-	4:40 57	9:50 332	17:12 59	22:22 357	-	-	03:50 81	09:38 297	16:30 82	22:14 284	-	4:17 148	9:50 364	16:57 149	22:26 216	-	-		
12-1	zon	-	5:49 49	11:00 327	18:20 55	23:38 366	-	-	05:08 70	11:05 296	17:47 73	23:41 298	-	5:35 137	11:17 363	18:14 140	23:53 230	-	-		
13-1	maa	-	7:07 36	12:38 335	19:44 46	-	-	-	06:32 51	12:21 309	19:00 58	-	-	6:59 118	12:33 376	19:27 125	-	-	-		
14-1	din	1:07 384	8:36 25	13:47 350	21:03 38	-	-	00:44 318	07:36 37	13:18 324	19:56 51	-	-	0:56 250	8:03 104	13:30 391	20:23 118	-	-		
15-1	woe 03:10 LK	2:05 402	9:36 25	14:38 361	21:56 42	-	-	01:37 336	08:27 39	14:09 334	20:43 58	-	-	1:49 268	8:54 106	14:21 401	21:10 125	-	-		
16-1	don	2:55 411	10:24 37	15:24 362	22:39 56	-	-	02:24 344	09:11 56	14:54 334	21:23 75	-	-	2:36 276	9:38 123	15:06 401	21:50 142	-	-		
17-1	vry	3:36 409	10:58 57	16:02 354	23:06 75	-	-	03:05 342	09:47 78	15:31 327	21:53 94	-	-	3:17 274	10:14 145	15:43 394	22:20 161	-	-		
18-1	zat	4:01 403	11:06 72	16:25 345	23:08 82	-	-	03:34 335	10:13 93	15:57 318	22:16 101	-	-	3:46 267	10:40 160	16:09 385	22:43 168	-	-		
19-1	zon	4:01 402	11:19 67	16:27 344	23:29 71	-	-	03:54 332	10:36 91	16:16 316	22:43 93	-	-	4:06 264	11:03 158	16:28 383	23:10 160	-	-		
20-1	maa	4:20 408	11:48 52	16:48 349	0:04 55	-	-	04:14 334	11:04 78	16:40 318	23:17 79	-	-	4:26 266	11:31 145	16:52 385	23:44 146	-	-		
21-1	din 21:53 NM	4:58 408	12:25 41	17:25 345	0:47 48	-	-	04:43 332	11:39 68	17:13 314	23:56 72	-	-	4:55 264	12:06 135	17:25 381	0:23 139	-	-		
22-1	woe	5:44 395	13:09 46	18:11 331	1:37 57	-	-	05:24 320	12:19 71	17:56 301	-	-	5:36 252	12:46 138	18:08 368	1:09 146	-	-			
23-1	don	-	1:37 57	6:39 331	14:01 67	19:11 353	-	-	00:42 79	06:17 300	13:06 89	18:58 286	-	1:09 146	6:29 367	13:33 156	19:10 218	-	-		
24-1	vry	-	2:39 76	8:01 309	15:08 93	21:01 346	-	-	01:36 96	07:37 282	14:04 113	20:21 281	-	2:03 163	7:49 349	14:31 180	20:33 213	-	-		
25-1	zat	-	4:00 93	9:33 306	16:31 106	22:10 359	-	-	02:42 113	08:58 278	15:14 130	21:28 293	-	3:09 180	9:10 345	15:41 197	21:40 225	-	-		
26-1	zon	-	5:21 93	10:36 317	17:44 101	23:06 383	-	-	04:03 117	10:03 289	16:39 128	22:30 316	-	4:30 184	10:15 356	17:06 195	22:42 248	-	-		
27-1	maa	-	6:26 80	11:30 334	18:40 86	23:55 407	-	-	05:23 100	11:04 307	17:48 109	23:28 342	-	5:50 167	11:16 374	18:15 176	23:40 274	-	-		
28-1	din 16:19 EK	-	7:21 61	12:19 351	19:31 69	-	-	-	06:22 77	12:02 325	18:41 89	-	-	6:49 144	12:14 392	19:08 156	-	-	-		
29-1	woe	0:41 424	8:14 44	13:07 359	20:21 54	-	-	00:21 360	07:13 57	12:55 334	19:29 72	-	-	0:33 292	7:40 124	13:07 401	19:56 139	-	-		
30-1	don	1:26 429	9:10 31	13:56 357	21:20 44	-	-	01:11 366	08:01 42	13:45 333	20:16 61	-	-	1:23 298	8:28 109	13:57 400	20:43 128	-	-		
31-1	vry	2:10 425	10:05 20	14:45 350	22:15 35	-	-	01:57 360	08:48 33	14:29 324	21:00 52	-	-	2:09 292	9:15 100	14:41 391	21:27 119	-	-		
1-2	zat	2:54 419	10:50 13	15:30 343	22:57 26	-	-	02:37 353	09:32 28	15:08 315	21:40 44	-	-	2:49 285	9:59 95	15:20 382	22:07 111	-	-		
2-2	zon	3:35 418	11:26 9	16:10 340	23:05 18	-	-	03:14 352	10:11 24	15:44 312	22:15 37	-	-	3:26 284	10:38 91	15:56 379	22:42 104	-	-		
3-2	maa	4:15 422	11:24 5	16:46 340	23:27 10	-	-	03:52 356	10:45 23	16:21 313	22:48 31	-	-	4:04 288	11:12 90	16:33 380	23:15 98	-	-		
4-2	din	4:56 426	11:59 4	17:22 339	0:11 8	-	-	04:33 360	11:16 25	17:00 312	23:23 31	-	-	4:45 292	11:43 92	17:12 379	23:50 98	-	-		
5-2	woe 19:28 VM	5:40 421	12:45 12	18:03 333	1:04 17	-	-	05:18 353	11:51 33	17:44 304	-	-	5:30 285	12:18 100	17:56 371	0:34 107	-	-			
6-2	don	6:29 403	13:38 29	18:52 320	2:05 33	-	-	-	00:07 40	06:08 332	12:36 52	18:34 289	-	0:34 107	6:20 399	13:03 119	18:46 221	-	-		
7-2	vry	-	2:05 33	7:24 338	14:39 49	19:48 345	-	-	01:01 57	07:04 304	13:34 75	19:34 273	-	1:28 124	7:16 371	14:01 142	19:46 205	-	-		
8-2	zat	-	3:13 47	8:25 313	15:46 65	20:53 336	-	-	02:12 75	08:12 279	14:53 92	20:46 265	-	2:39 142	8:24 346	15:20 159	20:58 197	-	-		
9-2	zon	-	4:28 53	9:37 299	17:02 68	22:23 340	-	-	03:40 77	09:41 268	16:20 89	22:29 274	-	4:07 144	9:53 335	16:47 156	22:41 206	-	-		

Referentievlak :LAT lw

20 cm n
eigen berekening

3,571
eigen berekening

datum	dag	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw																
10-2	maa	-	-	5:52	45	11:50	309	18:32	58	0:20	368	-	-	05:10	62	11:20	283	17:45	69	23:48	304	-	-	5:37	129	11:32	350	18:12	136	0:00	236		
11-2	din	-	-	7:44	30	12:55	338	20:12	39	-	-	-	-	06:30	39	12:23	311	18:53	48	-	-	-	-	6:57	106	12:35	378	19:20	115	-	-		
12-2	woe	1:14	399	8:48	19	13:42	359	21:06	30	-	-	00:43	334	07:27	27	13:13	333	19:46	41	-	-	0:55	266	7:54	94	13:25	400	20:13	108	-	-		
13-2	don	17:01 LK	1:59	417	9:35	23	14:24	368	21:49	34	-	-	01:29	350	08:15	35	13:57	341	20:30	50	-	-	1:41	282	8:42	102	14:09	408	20:57	117	-	-	
14-2	vry	2:38	419	10:11	35	15:01	365	22:23	45	-	-	02:10	351	08:54	53	14:34	337	21:05	65	-	-	2:22	283	9:21	120	14:46	404	21:32	132	-	-		
15-2	zat	3:10	410	10:34	47	15:30	357	22:40	52	-	-	02:43	341	09:25	68	15:03	329	21:31	71	-	-	2:55	273	9:52	135	15:15	396	21:58	138	-	-		
16-2	zon	3:28	401	10:36	45	15:44	352	22:43	42	-	-	03:07	332	09:45	67	15:23	324	21:50	60	-	-	3:19	264	10:12	134	15:35	391	22:17	127	-	-		
17-2	maa	3:34	402	10:51	28	15:54	356	23:04	21	-	-	03:25	330	10:06	50	15:42	326	22:16	40	-	-	3:37	262	10:33	117	15:54	393	22:43	107	-	-		
18-2	din	3:55	407	11:18	12	16:15	359	23:35	7	-	-	03:47	333	10:32	34	16:05	327	22:47	27	-	-	3:59	265	10:59	101	16:17	394	23:14	94	-	-		
19-2	woe	4:29	406	11:50	10	16:45	354	0:10	10	-	-	04:15	332	11:02	32	16:32	322	23:19	31	-	-	4:27	264	11:29	99	16:44	389	23:46	98	-	-		
20-2	don	08:06 NM	5:06	394	12:25	27	17:18	342	0:47	33	-	-	04:47	322	11:33	48	17:00	312	23:53	51	-	-	4:59	254	12:00	115	17:12	379	0:20	118	-	-	
21-2	vry	5:46	375	13:05	59	17:58	327	1:30	67	-	-	05:24	306	12:08	76	17:36	301	-	-	-	-	5:36	238	12:35	143	17:48	368	1:01	150	-	-		
22-2	zat	-	-	1:30	67	6:37	315	13:56	96	18:56	354	-	-	00:34	83	06:13	290	12:55	111	18:35	292	-	-	1:01	150	6:25	357	13:22	178	18:47	224		
23-2	zon	-	-	2:42	101	8:29	304	15:19	121	21:13	361	-	-	01:34	116	07:39	280	14:01	141	20:28	298	-	-	2:01	183	7:51	347	14:28	208	20:40	230		
24-2	maa	-	-	4:33	106	9:49	316	16:55	114	22:22	385	-	-	02:59	131	09:17	288	15:28	145	21:49	319	-	-	3:26	198	9:29	355	15:55	212	22:01	251		
25-2	din	-	-	5:50	81	10:53	335	18:05	87	23:21	408	-	-	04:44	108	10:31	307	17:11	117	22:59	342	-	-	5:11	175	10:43	374	17:38	184	23:11	274		
26-2	woe	-	-	6:52	50	11:51	350	19:06	59	0:14	420	-	-	05:53	69	11:38	323	18:15	81	23:59	355	-	-	6:20	136	11:50	390	18:42	148	0:11	287		
27-2	don	09:06 EK	-	-	7:54	26	12:43	355	20:15	38	-	-	-	-	06:49	39	12:35	329	19:08	55	-	-	-	-	7:16	106	12:47	396	19:35	122	-	-	
28-2	vry	1:01	420	8:59	11	13:32	350	21:19	23	-	-	00:51	355	07:41	22	13:23	323	19:58	39	-	-	1:03	287	8:08	89	13:35	390	20:25	106	-	-		
1-3	zat	1:44	415	9:52	2	#####	343	10:36	-3	-	-	01:35	347	08:29	15	14:05	313	20:43	28	-	-	1:47	279	8:56	82	14:17	380	21:10	95	-	-		
2-3	zon	2:26	414	10:36	-3	14:58	341	22:45	2	-	-	02:14	343	09:13	10	14:41	308	21:25	18	-	-	2:26	275	9:40	77	14:53	375	21:52	85	-	-		
3-3	maa	3:09	419	11:11	-6	15:39	345	22:30	-7	21:35	33	02:51	348	09:53	6	15:16	313	22:02	7	-	-	3:03	280	10:20	73	15:28	380	22:29	74	-	-		
4-3	din	3:52	427	10:59	-8	16:17	350	23:06	-17	-	-	03:30	356	10:28	5	15:54	321	22:35	1	-	-	3:42	288	10:55	72	16:06	388	23:02	68	-	-		
5-3	woe	4:36	427	11:35	-8	16:55	350	23:51	-16	-	-	04:13	359	10:57	10	16:34	323	23:08	4	-	-	4:25	291	11:24	77	16:46	390	23:35	71	-	-		
6-3	don	13:40 VM	5:20	413	12:20	4	17:36	340	0:42	-1	-	-	-	04:57	346	11:26	24	17:17	314	23:46	20	-	-	5:09	278	11:53	91	17:29	381	0:13	87	-	-
7-3	vry	6:08	387	13:10	28	18:24	322	1:41	23	-	-	05:46	318	12:04	48	18:06	294	-	-	-	-	5:58	250	12:31	115	18:18	361	1:03	114	-	-		
8-3	zat	-	-	1:41	23	7:02	316	14:11	56	19:22	343	-	-	00:36	47	06:43	285	12:58	81	19:08	273	-	-	1:03	114	6:55	352	13:25	148	19:20	205		
9-3	zon	-	-	2:54	48	8:07	290	15:27	78	20:37	334	-	-	01:53	78	07:59	259	14:31	107	20:36	266	-	-	2:20	145	8:11	326	14:58	174	20:48	198		
10-3	maa	-	-	4:21	59	9:55	285	16:57	80	22:57	352	-	-	03:33	84	09:48	259	16:10	100	22:30	289	-	-	4:00	151	10:00	326	16:37	167	22:42	221		
11-3	din	-	-	6:15	50	11:45	317	19:06	59	0:09	394	-	-	05:07	65	11:15	290	17:36	73	23:39	330	-	-	5:34	132	11:27	357	18:03	140	23:51	262		
12-3	woe	-	-	7:48	28	12:39	351	20:05	36	-	-	-	-	06:18	38	12:13	325	18:39	48	-	-	-	-	6:45	105	12:25	392	19:06	115	-	-		
13-3	don	0:57	423	8:36	18	13:22	370	20:50	27	-	-	00:30	358	07:11	26	12:58	345	19:27	39	-	-	0:42	290	7:38	93	13:10	412	19:54	106	-	-		
14-3	vry	03:08 LK	1:36	431	9:14	20	13:57	372	21:26	28	-	-	01:12	365	07:54	31	13:36	345	20:08	44	-	-	1:24	297	8:21	98	13:48	412	20:35	111	-	-	
15-3	zat	2:09	421	9:40	28	14:26	365	21:52	31	-	-	01:46	353	08:29	44	14:05	336	20:39	51	-	-	1:58	285	8:56	111	14:17	403	21:06	118	-	-		
16-3	zon	2:34	408	9:52	27	14:49	360	22:00	-	-	-	02:12	338	08:55	48	14:28	330	21:01	44	-	-	2:24	270	9:22	115	14:40	397	21:28	111	-	-		
17-3	maa	2:52	401	10:02	14	15:07	361	22:14	5	-	-	02:35	331	09:13	36	14:49	331	21:21	23	-	-	2:47	263	9:40	103	15:01	398	21:48	90	-	-		
18-3	din	3:10	404	10:23	-1	15:28	366	22:39	-10	-	-	02:59	332	09:36	18	15:14	335	21:49	6	-	-	3:11	264	10:03	85	15:26	402	22:16	73	-	-		
19-3	woe	3:38	407	10:51	-4	15:53	365	23:09	-8	-	-	03:28	335	10:04	14	15:43	335	22:20	9	-	-	3:40	267	10:31	81	15:55	402	22:47	76	-	-		
20-3	don	18:23 NM	4:09	403	11:20	12	16:19	359	23:38	11	-	-	03:58	331	10:31	30	16:11	328	22:49	30	-	-	4:10	263	10:58	97	16:23	395	23:16	97	-	-	
21-3	vry	4:39	392	11:50	39	16:44	352	0:07	40	-	-	04:27	321	10:58	57	16:36	321	23:18	58	-	-	4:39	253	11:25	124	16:48	388	23:45	125	-	-		
22-3	zat	5:08	380	12:22	69	17:16	348	0:44	69	-	-	04:58	310	11:29	86	17:07	317	23:54	87	-	-	5:10	242	11:56	153	17:19	384	0:21	154	-	-		
23-3	zon	5:46	367	13:05	98	18:06	340	1:44	97	-	-	05:41	299	12:12	113	18:02	314	-	-	-	-	5:53	231	12:39	180	18:14	381	1:17	179	-	-		
24-3	maa	-	-	1:44	97	7:36	313	14:23	120	20:22	377	-	-	00:50	112	07:03	291	13:17	137	19:40	315	-	-	1:17	179	7:15	358	13:44	204	19:52	247		
25-3	din	-	-	3:47	99	9:12	323	16:13	109	21:40	396	-	-	02:15	121	08:42	297	14:44	138	21:10	329	-	-	2:42	188	8:54	364	15:11	205	21:22	261		

Referentievlak :LAT lw

20 cm n
eigen berekening

Süderoogsand

3,571
eigen berekening

datum	dag	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw																
26-3	woe	-	-	5:11	65	10:19	341	17:28	75	22:43	413	-	-	03:55	95	09:59	313	16:20	107	22:25	344	-	-	4:22	162	10:11	380	16:47	174	22:37	276		
27-3	don	-	-	6:15	31	11:19	352	18:30	46	23:40	420	-	-	05:15	53	11:07	324	17:37	69	23:30	352	-	-	5:42	120	11:19	391	18:04	136	23:42	284		
28-3	vry	04:32	EK	-	-	7:18	11	12:13	354	19:43	28	-	-	06:17	25	12:06	325	18:38	44	-	-	-	-	6:44	92	12:18	392	19:05	111	-	-		
29-3	zat	0:29	419	8:34	3	13:00	349	20:56	16	-	-	00:23	350	07:13	13	12:54	318	19:31	31	-	-	0:35	282	7:40	80	13:06	385	19:58	98	-	-		
30-3	zon	1:12	416	10:28	-10	14:41	345	21:32	12	20:40	52	01:06	345	09:03	10	14:33	312	21:19	21	-	-	1:18	277	9:30	77	14:45	379	21:46	88	-	-		
31-3	maa	2:53	418	9:55	0	9:05	3	11:11	-3	15:22	388	02:45	345	09:48	0	15:09	315	22:02	8	-	-	2:57	277	10:15	67	15:21	382	22:29	75	-	-		
1-4	din	3:39	424	10:35	-10	9:57	-5	11:45	-7	16:06	397	03:23	351	10:28	0	15:46	326	22:42	0	-	-	3:35	283	10:55	67	15:58	393	23:09	67	-	-		
2-4	woe	4:28	426	11:26	-20	16:51	363	23:48	-	-	-	04:06	357	11:04	0	16:27	337	23:17	-10	-	-	4:18	289	11:31	67	16:39	404	23:44	57	-	-		
3-4	don	5:17	419	12:12	-10	17:33	361	0:36	-	-	-	04:51	352	11:32	0	17:09	337	23:51	0	-	-	5:03	284	11:59	67	17:21	404	0:18	67	-	-		
4-4	vry	6:02	399	12:56	0	18:14	349	1:24	-1	-	-	05:38	333	12:00	20	17:53	325	-	-	-	-	5:50	265	12:27	87	18:05	392	0:54	87	-	-		
5-4	zat	06:34	VM	6:49	371	13:45	30	19:01	332	2:21	30	-	-	00:27	20	06:26	304	12:36	57	18:42	305	-	-	0:54	87	6:38	371	13:03	124	18:54	237		
6-4	zon	-	-	2:21	30	7:41	304	14:44	68	19:59	357	-	-	01:16	50	07:25	273	13:27	95	19:47	287	-	-	1:43	117	7:37	340	13:54	162	19:59	219		
7-4	maa	-	-	3:34	60	8:51	287	16:02	92	21:22	353	-	-	02:40	90	08:47	257	15:08	123	21:27	287	-	-	3:07	157	8:59	324	15:35	190	21:39	219		
8-4	din	-	-	5:08	70	10:50	296	17:38	92	23:33	380	-	-	04:16	90	10:34	270	16:46	113	23:10	318	-	-	4:43	157	10:46	337	17:13	180	23:22	250		
9-4	woe	-	-	6:55	50	12:14	330	19:31	69	-	-	-	-	05:40	70	11:51	306	18:07	85	-	-	-	-	6:07	137	12:03	373	18:34	152	-	-		
10-4	don	0:39	416	8:12	30	13:08	361	20:33	44	-	-	00:14	354	06:48	40	12:47	337	19:09	57	-	-	0:26	286	7:15	107	12:59	404	19:36	124	-	-		
11-4	vry	1:25	434	8:58	20	13:49	373	21:17	30	-	-	01:03	371	07:39	30	13:31	348	19:58	43	-	-	1:15	303	8:06	97	13:43	415	20:25	110	-	-		
12-4	zat	11:11	LK	2:02	429	9:32	10	14:20	369	21:50	25	-	-	01:42	363	08:20	30	14:03	341	20:36	41	-	-	1:54	295	8:47	97	14:15	408	21:03	108	-	-
13-4	zon	2:32	413	9:52	10	14:46	361	22:06	20	-	-	02:12	344	08:53	30	14:28	331	21:06	39	-	-	2:24	276	9:20	97	14:40	398	21:33	106	-	-		
14-4	maa	2:56	400	10:07	10	15:10	362	22:19	5	-	-	02:37	330	09:19	30	14:51	330	21:28	26	-	-	2:49	262	9:46	97	15:03	397	21:55	93	-	-		
15-4	din	3:19	400	10:28	0	15:36	369	22:45	-9	-	-	03:04	330	09:41	20	15:20	339	21:54	10	-	-	3:16	262	10:08	87	15:32	406	22:21	77	-	-		
16-4	woe	3:47	407	10:57	-10	16:07	375	23:17	-8	-	-	03:37	336	10:09	10	15:55	347	22:27	7	-	-	3:49	268	10:36	77	16:07	414	22:54	74	-	-		
17-4	don	4:22	409	11:28	0	16:40	374	23:48	10	-	-	04:14	339	10:39	20	16:31	348	22:59	25	-	-	4:26	271	11:06	87	16:43	415	23:26	92	-	-		
18-4	vry	4:57	401	11:56	30	17:06	367	0:15	37	-	-	04:50	333	11:07	50	17:02	342	23:29	53	-	-	5:02	265	11:34	117	17:14	409	23:56	120	-	-		
19-4	zat	06:14	NM	5:24	389	12:23	60	17:27	363	0:43	59	-	-	05:22	322	11:33	80	17:30	337	23:57	78	-	-	5:34	254	12:00	147	17:42	404	0:24	145	-	-
20-4	zon	5:47	378	12:54	80	17:54	363	1:21	73	-	-	05:55	311	12:05	100	18:04	334	-	-	-	-	6:07	243	12:32	167	18:16	401	1:01	157	-	-		
21-4	maa	6:24	369	13:38	90	18:45	359	2:23	80	-	-	-	-	00:34	90	06:42	303	12:49	116	18:59	331	-	-	1:01	157	6:54	370	13:16	183	19:11	263		
22-4	din	-	-	2:23	80	8:24	321	14:54	106	20:47	396	-	-	01:31	90	07:56	300	13:54	124	20:17	332	-	-	1:58	157	8:08	367	14:21	191	20:29	264		
23-4	woe	-	-	4:12	70	9:46	333	16:41	90	22:06	408	-	-	02:50	90	09:17	307	15:17	116	21:38	339	-	-	3:17	157	9:29	374	15:44	183	21:50	271		
24-4	don	-	-	5:35	40	10:50	347	17:54	58	23:10	420	-	-	04:16	60	10:29	318	16:41	88	22:53	348	-	-	4:43	127	10:41	385	17:08	155	23:05	280		
25-4	vry	-	-	6:36	10	11:49	356	18:53	36	0:08	424	-	-	05:33	30	11:36	326	17:55	58	23:59	354	-	-	6:00	97	11:48	393	18:22	125	0:11	286		
26-4	zat	23:20	EK	-	-	7:32	0	12:43	356	19:46	25	-	-	06:39	10	12:36	326	19:01	40	-	-	-	-	7:06	77	12:48	393	19:28	107	-	-		
27-4	zon	0:58	424	8:56	0	13:30	353	20:26	20	19:45	60	00:53	354	07:40	10	13:24	323	20:00	30	-	-	1:05	286	8:07	77	13:36	390	20:27	97	-	-		
28-4	maa	1:43	422	8:48	0	8:03	7	9:57	4	14:12	394	01:37	352	08:34	10	14:03	323	20:53	19	-	-	1:49	284	9:01	77	14:15	390	21:20	86	-	-		
29-4	din	2:27	422	9:26	0	8:51	4	10:41	1	14:56	400	02:18	352	09:21	0	14:41	331	21:41	4	-	-	2:30	284	9:48	67	14:53	398	22:08	71	-	-		
30-4	woe	3:19	422	11:17	-10	15:46	369	23:34	-19	-	-	03:02	353	10:04	0	15:23	341	22:25	-10	-	-	3:14	285	10:31	67	15:35	408	22:52	57	-	-		
1-5	don	4:15	418	11:44	-10	16:37	373	0:04	-	-	-	03:50	350	10:43	0	16:09	348	23:05	-10	-	-	4:02	282	11:10	67	16:21	415	23:32	57	-	-		
2-5	vry	5:08	407	12:10	0	17:22	369	0:36	-10	-	-	04:40	340	11:16	10	16:55	345	23:43	6	-	-	4:52	272	11:43	77	17:07	412	0:10	73	-	-		
3-5	zat	5:55	388	12:46	20	18:02	359	1:16	15	-	-	05:29	321	11:46	40	17:41	335	-	-	-	-	5:41	253	12:13	107	17:53	402	0:49	97	-	-		
4-5	zon	19:34	VM	6:38	367	13:28	50	18:44	351	2:05	40	-	-	00:22	30	06:19	300	12:22	75	18:30	324	-	-	0:49	97	6:31	367	12:49	142	18:42	256		
5-5	maa	-	-	2:05	40	7:26	312	14:21	77	19:36	386	-	-	01:11	70	07:16	284	13:14	106	19:31	317	-	-	1:38	137	7:28	351	13:41	173	19:43	249		
6-5	din	-	-	3:09	60	8:33	307	15:30	94	20:52	387	-	-	02:22	90	08:29	281	14:39	123	20:58	322	-	-	2:49	157	8:41	348	15:06	190	21:10	254		
7-5	woe	-	-	4:33	70	10:10	319	16:54	92	22:46	403	-	-	03:37	90	09:54	296	16:00	113	22:27	342	-	-	4:04	157	10:06	363	16:27	180	22:39	274		
8-5	don	-	-	5:54	50	11:25	344	18:19	72	23:53	422	-	-	04:43	70	11:06	321	17:09	89	23:31	359	-	-	5:10	137	11:18	388	17:36	156	23:43	291		

Referentievlak :LAT

lw

20 cm m
eigen berekening

Süderoogsand

3,571
eigen berekening

datum dag

HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW
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9-5	vry	-	-	6:57	30	12:21	363	19:31	48	-	-	-	-	05:48	50	12:03	338	18:18	64	-	-	-	-	6:15	117	12:15	405	18:45	131	-	-	
10-5	zat	0:43	426	7:50	20	13:04	368	20:24	31	-	-	00:22	361	06:48	30	12:47	340	19:14	45	-	-	0:34	293	7:15	97	12:59	407	19:41	112	-	-	
11-5	zon	16:28	1:22	415	8:32	10	13:38	363	20:56	22	-	-	01:02	347	07:35	30	13:20	333	19:56	37	-	-	1:14	279	8:02	97	13:32	400	20:23	104	-	-
12-5	maa	1:53	400	9:01	10	14:07	361	21:17	14	-	-	01:33	332	08:11	30	13:47	330	20:28	31	-	-	1:45	264	8:38	97	13:59	397	20:55	98	-	-	
13-5	din	2:19	396	9:27	10	14:34	369	21:44	4	-	-	02:02	328	08:42	20	14:17	340	20:57	23	-	-	2:14	260	9:09	87	14:29	407	21:24	90	-	-	
14-5	woe	2:47	404	9:56	0	15:07	383	22:18	0	-	-	02:35	336	09:11	20	14:53	357	21:30	17	-	-	2:47	268	9:38	87	15:05	424	21:57	84	-	-	
15-5	don	3:22	414	10:30	10	15:44	393	22:56	9	-	-	03:14	348	09:43	20	15:33	370	22:07	23	-	-	3:26	280	10:10	87	15:45	437	22:34	90	-	-	
16-5	vry	4:03	416	11:05	20	16:23	394	23:32	29	-	-	03:57	352	10:16	40	16:13	374	22:43	42	-	-	4:09	284	10:43	107	16:25	441	23:10	109	-	-	
17-5	zat	4:44	406	11:36	50	16:56	387	0:02	50	-	-	04:38	345	10:46	70	16:48	369	23:14	64	-	-	4:50	277	11:13	137	17:00	436	23:41	131	-	-	
18-5	zon	17:53 NM	5:19	391	12:05	70	17:20	380	0:31	59	-	-	05:15	333	11:15	90	17:20	361	23:45	77	-	-	5:27	265	11:42	157	17:32	428	0:12	144	-	-
19-5	maa	5:47	379	12:37	80	17:49	378	1:12	57	-	-	05:53	321	11:49	100	17:58	355	-	-	-	-	6:05	253	12:16	167	18:10	422	0:51	137	-	-	
20-5	din	6:33	372	13:24	80	18:42	375	2:12	50	-	-	-	-	00:24	70	06:40	314	12:35	101	18:50	351	-	-	0:51	137	6:52	381	13:02	168	19:02	283	
21-5	woe	-	-	2:12	50	8:08	333	14:37	78	20:18	414	-	-	01:18	70	07:39	313	13:38	97	19:53	348	-	-	1:45	137	7:51	380	14:05	164	20:05	280	
22-5	don	-	-	3:40	30	9:15	342	16:10	63	21:30	420	-	-	02:27	60	08:46	317	14:51	86	21:03	350	-	-	2:54	127	8:58	384	15:18	153	21:15	282	
23-5	vry	-	-	4:54	20	10:15	351	17:17	44	22:32	425	-	-	03:40	40	09:53	322	16:05	69	22:13	353	-	-	4:07	107	10:05	389	16:32	136	22:25	285	
24-5	zat	-	-	5:52	0	11:11	355	18:13	33	23:28	426	-	-	04:51	30	10:55	325	17:13	53	23:17	354	-	-	5:18	97	11:07	392	17:40	120	23:29	286	
25-5	zon	-	-	6:43	0	12:03	355	19:03	27	0:20	423	-	-	05:56	20	11:53	325	18:18	44	-	-	-	-	6:23	87	12:05	392	18:45	111	-	-	
26-5	maa	17:22 EK	-	-	7:30	10	12:52	355	19:52	21	-	-	00:13	351	06:59	20	12:44	325	19:24	35	-	-	0:25	283	7:26	87	12:56	392	19:51	102	-	-
27-5	din	1:11	419	8:18	10	13:41	359	20:47	10	-	-	01:04	349	08:00	20	13:30	330	20:27	22	-	-	1:16	281	8:27	87	13:42	397	20:54	89	-	-	
28-5	woe	2:05	416	9:15	0	8:45	9	9:53	9	14:34	407	01:54	347	08:54	20	14:18	339	21:23	7	-	-	2:06	279	9:21	87	14:30	406	21:50	74	-	-	
29-5	don	3:07	414	10:51	0	15:34	374	23:18	-15	-	-	02:49	345	09:44	10	15:11	347	22:12	1	-	-	3:01	277	10:11	77	15:23	414	22:39	68	-	-	
30-5	vry	4:11	409	11:36	0	16:31	378	0:00	-9	-	-	03:47	341	10:29	20	16:05	352	22:58	6	-	-	3:59	273	10:56	87	16:17	419	23:25	73	-	-	
31-5	zat	5:07	401	12:12	20	17:19	376	0:33	11	-	-	04:41	334	11:10	30	16:53	352	23:40	28	-	-	4:53	266	11:37	97	17:05	419	0:07	95	-	-	
1-6	zon	5:53	387	12:40	40	17:54	371	1:04	37	-	-	05:29	322	11:44	60	17:35	348	-	-	-	-	5:41	254	12:11	127	17:47	415	0:45	117	-	-	
2-6	maa	6:30	375	13:12	60	18:26	370	1:43	50	-	-	-	-	00:18	50	06:12	311	12:18	89	18:17	345	-	-	0:45	117	6:24	378	12:45	156	18:29	277	
3-6	din	05:42 VM	-	-	1:43	50	7:06	330	13:55	78	19:07	412	-	-	00:59	80	06:57	306	13:02	105	19:06	344	-	-	1:26	147	7:09	373	13:29	172	19:18	276
4-6	woe	-	-	2:34	60	7:57	331	14:51	83	20:05	410	-	-	01:49	90	07:52	308	14:02	110	20:10	344	-	-	2:16	157	8:04	375	14:29	177	20:22	276	
5-6	don	-	-	3:40	60	9:14	336	16:01	80	21:39	407	-	-	02:48	80	08:56	315	15:09	101	21:25	344	-	-	3:15	147	9:08	382	15:36	168	21:37	276	
6-6	vry	-	-	4:56	50	10:30	346	17:19	65	23:00	407	-	-	03:49	70	10:03	323	16:14	83	22:34	342	-	-	4:16	137	10:15	390	16:41	150	22:46	274	
7-6	zat	-	-	6:02	30	11:29	354	18:29	48	23:56	402	-	-	04:50	50	11:03	327	17:18	65	23:31	335	-	-	5:17	117	11:15	394	17:45	132	23:43	267	
8-6	zon	-	-	7:00	20	12:18	356	19:27	34	-	-	-	-	05:50	40	11:53	326	18:21	51	-	-	-	-	6:17	107	12:05	393	18:48	118	-	-	
9-6	maa	21:31 LK	0:41	394	7:47	20	12:58	357	20:10	28	-	-	00:17	326	06:47	40	12:33	327	19:14	43	-	-	0:29	258	7:14	107	12:45	394	19:41	110	-	-
10-6	din	1:17	390	8:24	20	13:33	364	20:44	25	-	-	00:54	323	07:33	40	13:09	337	19:55	40	-	-	1:06	255	8:00	107	13:21	404	20:22	107	-	-	
11-6	woe	1:48	396	8:55	20	14:05	381	21:19	22	-	-	01:29	331	08:11	40	13:46	356	20:33	38	-	-	1:41	263	8:38	107	13:58	423	21:00	105	-	-	
12-6	don	2:19	409	9:28	20	14:41	399	21:58	22	-	-	02:08	345	08:46	40	14:27	377	21:11	38	-	-	2:20	277	9:13	107	14:39	444	21:38	105	-	-	
13-6	vry	2:59	420	10:06	30	15:22	409	22:40	28	-	-	02:52	356	09:22	50	15:11	390	21:51	43	-	-	3:04	288	9:49	117	15:23	457	22:18	110	-	-	
14-6	zat	3:44	419	10:46	40	16:05	408	23:21	37	-	-	03:38	358	09:58	60	15:53	391	22:30	52	-	-	3:50	290	10:25	127	16:05	458	22:57	119	-	-	
15-6	zon	4:33	408	11:22	50	16:43	399	23:55	44	-	-	04:23	350	10:32	80	16:30	383	23:06	61	-	-	4:35	282	10:59	147	16:42	450	23:33	128	-	-	
16-6	maa	5:19	393	11:54	60	17:16	390	0:25	42	-	-	05:03	338	11:04	80	17:06	374	23:39	62	-	-	5:15	270	11:31	147	17:18	441	0:06	129	-	-	
17-6	din	06:37 NM	5:59	383	12:28	60	17:50	387	1:04	32	-	-	05:42	328	11:40	80	17:46	368	-	-	-	-	5:54	260	12:07	147	17:58	435	0:43	117	-	-
18-6	woe	6:45	380	13:14	50	18:41	387	1:58	20	-	-	-	-	00:16	50	06:24	323	12:25	75	18:33	366	-	-	0:43	117	6:36	390	12:52	142	18:45	298	
19-6	don	-	-	1:58	20	7:40	342	14:18	48	19:48	428	-	-	01:03	40	07:14	322	13:20	68	19:26	363	-	-	1:30	107	7:26	389	13:47	135	19:38	295	
20-6	vry	-	-	3:06	10	8:37	346	15:32	43	20:51	427	-	-	02:01	30	08:09	321	14:22	64	20:25	358	-	-	2:28	97	8:21	388	14:49	131	20:37	290	
21-6	zat	-	-	4:11	10	9:31	347	16:36	40	21:50	423	-	-	03:04	30	09:08	319	15:28	63	21:26	350	-	-	3:31	97	9:20	386	15:55	130	21:38	282	

Referentievlak :LAT lw

datum	dag	20 cm n eigen berekening					Süderoogsand					3,571 eigen berekening																				
		HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																
22-6	zon	-	-	5:09	10	10:25	347	17:33	38	22:46	415	-	-	04:09	40	10:05	316	16:35	62	22:27	341	-	-	4:36	107	10:17	383	17:02	129	22:39	273	
23-6	maa	-	-	6:04	20	11:18	346	18:30	34	23:43	408	-	-	05:15	40	11:02	315	17:43	57	23:30	334	-	-	5:42	107	11:14	382	18:10	124	23:42	266	
24-6	din	-	-	7:00	20	12:14	349	19:31	26	-	-	-	-	06:22	40	12:02	318	18:56	47	-	-	-	-	6:49	107	12:14	385	19:23	114	-	-	
25-6	woe	09:50 EK	0:44	403	8:00	20	13:16	356	20:46	14	-	-	00:38	332	07:32	40	13:08	327	20:11	32	-	-	0:50	264	7:59	107	13:20	394	20:38	99	-	-
26-6	don	-	-	9:20	20	14:25	367	22:10	3	-	-	01:46	334	08:36	30	14:12	339	21:12	20	-	-	1:58	266	9:03	97	14:24	406	21:39	87	-	-	
27-6	vry	-	-	10:36	10	15:32	377	23:07	3	-	-	02:49	339	09:31	30	15:10	351	22:04	20	-	-	3:01	271	9:58	97	15:22	418	22:31	87	-	-	
28-6	zat	-	-	11:29	20	16:27	382	23:55	18	-	-	03:46	340	10:20	40	16:02	357	22:50	34	-	-	3:58	272	10:47	107	16:14	424	23:17	101	-	-	
29-6	zon	-	-	12:11	40	17:11	381	0:28	42	-	-	04:35	336	11:02	60	16:46	357	23:29	58	-	-	4:47	268	11:29	127	16:58	424	23:56	125	-	-	
30-6	maa	-	-	12:31	60	17:40	377	0:44	60	-	-	05:16	327	11:35	80	17:21	354	-	-	-	-	5:28	259	12:02	147	17:33	421	0:29	137	-	-	
1-7	din	-	-	12:49	70	17:55	377	1:12	64	-	-	-	-	00:02	70	05:50	319	12:03	97	17:52	351	-	-	0:29	137	6:02	386	12:30	164	18:04	283	
2-7	woe	13:39 VM	6:29	382	13:23	70	18:28	379	1:53	50	-	-	-	-	00:32	80	06:23	317	12:37	98	18:27	349	-	-	0:59	147	6:35	384	13:04	165	18:39	281
3-7	don	-	-	1:53	50	7:07	344	14:10	66	19:16	413	-	-	01:09	80	07:04	317	13:22	92	19:17	342	-	-	1:36	147	7:16	384	13:49	159	19:29	274	
4-7	vry	-	-	2:44	50	8:07	340	15:09	63	20:26	396	-	-	01:57	70	08:00	316	14:17	87	20:24	329	-	-	2:24	137	8:12	383	14:44	154	20:36	261	
5-7	zat	-	-	3:50	50	9:30	336	16:20	63	22:01	382	-	-	02:54	70	09:03	312	15:19	84	21:34	317	-	-	3:21	137	9:15	379	15:46	151	21:46	249	
6-7	zon	-	-	5:07	50	10:39	336	17:37	62	23:09	377	-	-	03:57	70	10:04	311	16:26	82	22:36	310	-	-	4:24	137	10:16	378	16:53	149	22:48	242	
7-7	maa	-	-	6:16	50	11:36	342	18:45	58	0:03	378	-	-	05:03	70	11:00	314	17:36	80	23:31	310	-	-	5:30	137	11:12	381	18:03	147	23:43	242	
8-7	din	-	-	7:12	60	12:24	354	19:40	55	-	-	-	-	06:08	80	11:52	327	18:40	74	-	-	-	-	6:35	147	12:04	394	19:07	141	-	-	
9-7	woe	03:48 LK	0:46	386	7:56	60	13:07	373	20:25	52	-	-	00:20	319	07:03	70	12:39	347	19:32	69	-	-	0:32	251	7:30	137	12:51	414	19:59	136	-	-
10-7	don	-	-	8:35	50	13:46	393	21:07	47	-	-	01:05	334	07:49	70	13:25	371	20:17	63	-	-	1:17	266	8:16	137	13:37	438	20:44	130	-	-	
11-7	vry	-	-	9:13	50	14:26	409	21:51	42	-	-	01:51	348	08:31	70	14:11	388	21:00	58	-	-	2:03	280	8:58	137	14:23	455	21:27	125	-	-	
12-7	zat	-	-	9:55	50	15:09	413	22:39	38	-	-	02:39	355	09:12	70	14:57	394	21:44	54	-	-	2:51	287	9:39	137	15:09	461	22:11	121	-	-	
13-7	zon	-	-	10:40	50	15:53	407	23:27	35	-	-	03:27	353	09:53	70	15:40	389	22:25	52	-	-	3:39	285	10:20	137	15:52	456	22:52	119	-	-	
14-7	maa	-	-	11:24	50	16:35	399	0:06	31	-	-	04:11	343	10:31	70	16:19	380	23:04	50	-	-	4:23	275	10:58	137	16:31	447	23:31	117	-	-	
15-7	din	-	-	11:55	40	17:13	393	0:27	26	-	-	04:50	334	11:05	70	16:55	375	23:37	46	-	-	5:02	266	11:32	137	17:07	442	0:04	113	-	-	
16-7	woe	20:32 NM	5:52	388	12:24	40	17:50	394	0:56	18	-	-	05:26	328	11:37	60	17:33	375	-	-	-	-	5:38	260	12:04	127	17:45	442	0:36	97	-	-
17-7	don	-	-	13:04	30	18:33	397	1:41	10	-	-	-	-	00:09	30	06:05	327	12:15	55	18:15	375	-	-	0:36	97	6:17	394	12:42	122	18:27	307	
18-7	vry	-	-	1:41	10	7:11	348	13:57	31	19:24	434	-	-	00:48	30	06:48	325	13:01	53	19:02	369	-	-	1:15	97	7:00	392	13:28	120	19:14	301	
19-7	zat	-	-	2:36	20	7:59	346	14:58	38	20:19	425	-	-	01:35	40	07:36	320	13:54	60	19:55	355	-	-	2:02	107	7:48	387	14:21	127	20:07	287	
20-7	zon	-	-	3:37	30	8:52	342	16:02	46	21:17	410	-	-	02:31	50	08:31	312	14:56	72	20:53	337	-	-	2:58	117	8:43	379	15:23	139	21:05	269	
21-7	maa	-	-	4:37	40	9:48	337	17:07	50	22:17	395	-	-	03:36	60	09:30	306	16:08	79	21:59	321	-	-	4:03	127	9:42	373	16:35	146	22:11	253	
22-7	din	-	-	5:40	40	10:48	336	18:15	47	23:23	386	-	-	04:51	70	10:37	305	17:29	73	23:18	314	-	-	5:18	137	10:49	372	17:56	140	23:30	246	
23-7	woe	-	-	6:47	40	12:01	342	19:30	36	-	-	-	-	06:07	60	12:02	315	18:52	56	-	-	-	-	6:34	127	12:14	382	19:19	123	-	-	
24-7	don	-	-	8:02	40	13:30	359	20:54	24	-	-	00:47	322	07:22	50	13:16	335	20:06	39	-	-	0:59	254	7:49	117	13:28	402	20:33	106	-	-	
25-7	vry	00:07 EK	2:11	402	9:29	30	14:37	379	22:10	19	-	-	01:51	337	08:28	40	14:14	355	21:05	33	-	-	2:03	269	8:55	107	14:26	422	21:32	100	-	-
26-7	zat	-	-	10:33	30	15:30	392	23:06	26	-	-	02:45	347	09:22	40	15:04	368	21:54	43	-	-	2:57	279	9:49	107	15:16	435	22:21	110	-	-	
27-7	zon	-	-	11:23	40	16:16	394	23:49	44	-	-	03:34	349	10:08	60	15:50	369	22:37	63	-	-	3:46	281	10:35	127	16:02	436	23:04	130	-	-	
28-7	maa	-	-	12:01	50	16:52	387	0:14	62	-	-	04:17	342	10:47	80	16:28	363	23:10	82	-	-	4:29	274	11:14	147	16:40	430	23:37	149	-	-	
29-7	din	-	-	12:12	70	17:10	380	0:14	67	-	-	04:51	332	11:15	90	16:55	355	23:34	88	-	-	5:03	264	11:42	157	17:07	422	0:01	155	-	-	
30-7	woe	-	-	12:19	60	17:18	381	0:37	55	-	-	05:16	326	11:36	90	17:17	352	23:57	79	-	-	5:28	258	12:03	157	17:29	419	0:24	146	-	-	
31-7	don	20:32 VM	5:44	395	12:50	50	17:48	382	1:12	42	-	-	05:40	326	12:05	70	17:45	350	-	-	-	-	5:52	258	12:32	137	17:57	417	0:56	127	-	-
1-8	vry	-	-	13:30	40	18:31	373	1:54	40	-	-	-	-	00:29	60	06:12	326	12:42	68	18:23	342	-	-	0:56	127	6:24	393	13:09	135	18:35	274	
2-8	zat	-	-	1:54	40	7:03	346	14:19	49	19:27	392	-	-	01:07	60	06:58	318	13:26	73	19:16	324	-	-	1:34	127	7:10	385	13:53	140	19:28	256	
3-8	zon	-	-	2:46	60	8:14	331	15:19	71	20:53	371	-	-	01:53	80	08:00	306	14:19	93	20:31	307	-	-	2:20	147	8:12	373	14:46	160	20:43	239	
4-8	maa	-	-	3:54	80	9:46	327	16:41	95	22:17	366	-	-	02:49	100	09:10	303	15:24	119	21:42	301	-	-	3:16	167	9:22	370	15:51	186	21:54	233	

Referentievlak :LAT lw

datum dag		20 cm m eigen berekening					Süderoogsand					3,571 eigen berekening																									
		HW	lw	HW	lw	HW	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																					
5-8	din	-	-	5:23	100	10:53	339	18:06	101	23:20	375	-	-	04:01	130	10:14	313	16:48	131	22:46	307	-	-	4:28	197	10:26	380	17:15	198	22:58	239						
6-8	woe	-	-	6:34	100	11:50	362	19:12	92	0:14	392	-	-	05:29	130	11:15	335	18:11	118	23:47	323	-	-	5:56	197	11:27	402	18:38	185	23:59	255						
7-8	don	12:28	LK	-	-	7:29	90	12:40	388	20:06	76	-	-	06:37	120	12:14	363	19:10	96	-	-	-	-	7:04	187	12:26	430	19:37	163	-	-						
8-8	vry			1:02	408	8:17	80	13:27	408	20:57	59	-	-	00:45	342	07:29	100	13:08	385	19:59	76	-	-	0:57	274	7:56	167	13:20	452	20:26	143	-	-				
9-8	zat			1:48	419	9:04	60	14:10	416	21:49	45	-	-	01:38	354	08:16	80	13:57	395	20:46	60	-	-	1:50	286	8:43	147	14:09	462	21:13	127	-	-				
10-8	zon			2:33	419	9:57	50	14:53	413	22:42	34	-	-	02:26	356	09:00	70	14:43	392	21:31	49	-	-	2:38	288	9:27	137	14:55	459	21:58	116	-	-				
11-8	maa			3:20	412	10:53	40	15:36	405	23:28	26	-	-	03:11	348	09:43	60	15:24	383	22:13	42	-	-	3:23	280	10:10	127	15:36	450	22:40	109	-	-				
12-8	din			4:06	403	11:37	30	16:17	401	0:07	21	-	-	03:52	337	10:23	50	16:01	377	22:52	38	-	-	4:04	269	10:50	117	16:13	444	23:19	105	-	-				
13-8	woe			4:49	397	12:10	30	16:56	402	0:34	18	-	-	04:28	331	10:59	50	16:37	379	23:27	35	-	-	4:40	263	11:26	117	16:49	446	23:54	102	-	-				
14-8	don			5:28	397	12:13	20	17:35	406	0:43	17	-	-	05:04	331	11:30	40	17:14	383	23:58	35	-	-	5:16	263	11:57	107	17:26	450	0:25	102	-	-				
15-8	vry	11:38	NM	6:05	398	12:47	20	18:17	405	1:21	21	-	-	05:42	334	12:03	40	17:56	382	-	-	-	-	5:54	266	12:30	107	18:08	449	0:57	107	-	-				
16-8	zat			6:45	397	13:35	20	19:03	394	2:11	30	-	-	00:30	40	06:24	332	12:42	50	18:42	369	-	-	0:57	107	6:36	399	13:09	117	18:54	301	-	-				
17-8	zon			-	-	2:11	30	7:30	349	14:33	42	19:56	413	-	-	01:09	50	07:11	323	13:30	66	19:34	345	-	-	1:36	117	7:23	390	13:57	133	19:46	277	-	-		
18-8	maa			-	-	3:10	50	8:24	338	15:40	59	20:55	389	-	-	02:01	70	08:07	310	14:32	88	20:38	319	-	-	2:28	137	8:19	377	14:59	155	20:50	251	-	-		
19-8	din			-	-	4:17	70	9:26	330	16:55	69	22:03	372	-	-	03:10	90	09:17	302	15:59	99	21:59	303	-	-	3:37	157	9:29	369	16:26	166	22:11	235	-	-		
20-8	woe			-	-	5:30	70	10:44	332	18:18	64	23:45	373	-	-	04:42	100	10:48	308	17:31	87	23:39	309	-	-	5:09	167	11:00	375	17:58	154	23:51	241	-	-		
21-8	don			-	-	6:51	60	12:40	355	19:50	48	-	-	-	-	06:04	80	12:15	334	18:55	64	-	-	-	-	6:31	147	12:27	401	19:22	131	-	-	-	-		
22-8	vry			1:19	398	8:26	50	13:44	387	21:18	34	-	-	00:52	333	07:19	60	13:16	365	20:02	46	-	-	1:04	265	7:46	127	13:28	432	20:29	113	-	-				
23-8	zat	11:57	EK	2:11	420	9:35	40	14:32	409	22:12	33	-	-	01:47	355	08:20	50	14:06	386	20:55	44	-	-	1:59	287	8:47	117	14:18	453	21:22	111	-	-				
24-8	zon			2:56	430	10:25	40	15:14	414	22:55	43	-	-	02:33	364	09:10	50	14:50	390	21:39	59	-	-	2:45	296	9:37	117	15:02	457	22:06	126	-	-				
25-8	maa			3:36	427	11:06	50	15:51	406	23:26	57	-	-	03:15	361	09:51	70	15:29	381	22:16	77	-	-	3:27	293	10:18	137	15:41	448	22:43	144	-	-				
26-8	din			4:10	417	11:34	60	16:18	394	23:34	63	-	-	03:50	350	10:23	80	15:59	368	22:42	86	-	-	4:02	282	10:50	147	16:11	435	23:09	153	-	-				
27-8	woe			4:33	409	11:31	60	16:31	387	23:39	53	-	-	04:15	341	10:44	80	16:21	359	22:59	77	-	-	4:27	273	11:11	147	16:33	426	23:26	144	-	-				
28-8	don			4:46	408	11:47	40	16:45	388	0:03	38	-	-	04:35	340	11:04	60	16:42	358	23:21	61	-	-	4:47	272	11:31	127	16:54	425	23:48	128	-	-				
29-8	vry			5:04	411	12:18	30	17:15	388	0:35	33	-	-	04:59	341	11:33	50	17:10	357	23:51	55	-	-	5:11	273	12:00	117	17:22	424	0:18	122	-	-				
30-8	zat	03:35	VM	5:34	409	12:53	30	17:52	378	1:11	48	-	-	05:29	338	12:06	50	17:42	349	-	-	-	-	5:41	270	12:33	117	17:54	416	0:50	127	-	-				
31-8	zon			6:09	399	13:33	50	18:35	360	1:52	80	-	-	-	-	00:23	60	06:02	329	12:42	76	18:20	333	-	-	0:50	127	6:14	396	13:09	143	18:32	265	-	-		
1-9	maa			-	-	1:52	80	6:53	345	14:18	92	19:34	378	-	-	00:57	90	06:43	318	13:22	112	19:11	315	-	-	1:24	157	6:55	385	13:49	179	19:23	247	-	-		
2-9	din			-	-	2:43	120	8:38	334	15:30	131	21:24	369	-	-	01:41	130	08:00	313	14:19	151	20:44	306	-	-	2:08	197	8:12	380	14:46	218	20:56	238	-	-		
3-9	woe			-	-	4:08	140	10:06	349	17:22	140	22:35	381	-	-	02:43	170	09:28	325	15:44	172	22:04	315	-	-	3:10	237	9:40	392	16:11	239	22:16	247	-	-		
4-9	don			-	-	5:45	140	11:08	376	18:36	117	23:36	401	-	-	04:15	170	10:37	351	17:33	151	23:12	334	-	-	4:42	237	10:49	418	18:00	218	23:24	266	-	-		
5-9	vry			-	-	6:50	110	12:05	402	19:35	84	-	-	-	-	05:59	150	11:42	377	18:38	110	-	-	-	-	6:26	217	11:54	444	19:05	177	-	-	-	-		
6-9	zat	00:21	LK	0:30	418	7:46	80	12:56	417	20:31	57	-	-	00:17	352	06:58	110	12:41	394	19:31	76	-	-	0:29	284	7:25	177	12:53	461	19:58	143	-	-	-	-		
7-9	zon			1:20	425	8:41	60	13:41	419	21:30	40	-	-	01:13	360	07:48	80	13:32	396	20:20	56	-	-	1:25	292	8:15	147	13:44	463	20:47	123	-	-	-	-		
8-9	maa			2:05	421	9:44	50	14:23	413	22:23	31	-	-	02:00	355	08:36	60	14:16	388	21:06	47	-	-	2:12	287	9:03	127	14:28	455	21:33	114	-	-	-	-		
9-9	din			2:46	412	10:36	40	15:02	407	23:08	27	-	-	02:42	343	09:20	60	14:55	379	21:50	42	-	-	2:54	275	9:47	127	15:07	446	22:17	109	-	-	-	-		
10-9	woe			3:28	406	11:17	30	15:42	407	23:46	24	-	-	03:19	335	10:01	50	15:31	378	22:30	39	-	-	3:31	267	10:28	117	15:43	445	22:57	106	-	-	-	-		
11-9	don			4:10	407	10:54	20	10:33	27	11:41	27	16:25	452	03:55	336	10:39	40	16:09	384	23:05	37	-	-	4:07	268	11:06	107	16:21	451	23:32	104	-	-	-	-		
12-9	vry			4:53	411	11:36	10	17:10	414	0:10	23	-	-	04:32	344	11:13	30	16:50	389	23:36	40	-	-	4:44	276	11:40	97	17:02	456	0:03	107	-	-	-	-		
13-9	zat			5:35	414	12:22	10	17:55	404	0:54	33	-	-	05:13	350	11:45	40	17:33	382	-	-	-	-	5:25	282	12:12	107	17:45	449	0:32	117	-	-	-	-		
14-9	zon	03:40	NM	6:17	409	13:13	30	18:42	383	1:43	50	-	-	-	-	00:05	50	05:57	346	12:22	52	18:21	360	-	-	0:32	117	6:09	413	12:49	119	18:33	292	-	-	-	-
15-9	maa			-	-	1:43	50	7:04	356	14:11	54	19:35	393	-	-	00:41	70	06:45	332	13:08	77	19:15	328	-	-	1:08	137	6:57	399	13:35	144	19:27	260	-	-	-	-
16-9	din			-	-	2:44	80	7:59	340	15:23	79	20:38	367	-	-	01:29	100	07:45	314	14:13	109	20:28	300	-	-	1:56	167	7:57	381	14:40	176	20:40	232	-	-	-	-
17-9	woe			-	-	3:58	100	9:11	331	16:49	92	22:15	357	-	-	02:48	130	09:10	306	16:00	122	22:10	293	-	-	3:15	197	9:22	373	16:27	189	22:22	225	-	-	-	-

Referentievlak :LAT lw

datum dag

		20 cm m eigen berekening						Süderoogsand ←					3,571 eigen berekening																			
		HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW																		
18-9	don	-	-	5:25	100	11:17	345	18:41	82	0:09	381	-	-	04:36	130	10:55	325	17:31	103	23:41	317	-	-	5:03	197	11:07	392	17:58	170	23:53	249	
19-9	vry	-	-	7:15	80	12:38	385	20:18	59	-	-	-	-	05:58	100	12:10	364	18:49	76	-	-	-	-	6:25	167	12:22	431	19:16	143	-	-	
20-9	zat	1:10	415	8:32	60	13:30	418	21:13	44	-	-	00:45	350	07:09	70	13:05	396	19:48	56	-	-	0:57	282	7:36	137	13:17	463	20:15	123	-	-	
21-9	zon	21:32 EK	1:55	437	9:24	50	14:13	431	21:55	43	-	-	01:34	372	08:04	60	13:50	408	20:35	55	-	-	1:46	304	8:31	127	14:02	475	21:02	122	-	-
22-9	maa	2:33	441	10:06	50	14:48	423	22:27	51	-	-	02:15	375	08:50	60	14:28	398	21:15	67	-	-	2:27	307	9:17	127	14:40	465	21:42	134	-	-	
23-9	din	3:05	433	10:37	50	15:18	406	22:44	58	-	-	02:49	365	09:27	70	14:59	379	21:46	79	-	-	3:01	297	9:54	137	15:11	446	22:13	146	-	-	
24-9	woe	3:31	423	10:50	50	15:40	392	22:49	53	-	-	03:15	353	09:53	80	15:24	364	22:06	78	-	-	3:27	285	10:20	147	15:36	431	22:33	145	-	-	
25-9	don	3:52	419	10:55	40	15:58	388	23:07	41	-	-	03:36	349	10:09	70	15:48	359	22:24	65	-	-	3:48	281	10:36	137	16:00	426	22:51	132	-	-	
26-9	vry	4:12	421	11:19	30	16:21	389	23:33	38	-	-	04:01	351	10:33	50	16:16	359	22:50	57	-	-	4:13	283	11:00	117	16:28	426	23:17	124	-	-	
27-9	zat	4:37	421	11:50	30	16:52	386	0:04	50	-	-	04:31	351	11:05	50	16:47	357	23:19	70	-	-	4:43	283	11:32	117	16:59	424	23:46	137	-	-	
28-9	zon	11:57 VM	5:04	417	12:22	50	17:23	377	0:35	78	-	-	05:03	347	11:37	70	17:19	347	23:48	99	-	-	5:15	279	12:04	137	17:31	414	0:15	166	-	-
29-9	maa	5:32	410	12:55	80	17:54	363	1:08	112	-	-	05:32	340	12:08	100	17:49	335	-	-	-	-	5:44	272	12:35	167	18:01	402	0:44	197	-	-	
30-9	din	6:04	404	13:32	110	18:32	347	1:49	140	-	-	-	-	00:17	130	06:04	335	12:43	139	18:32	322	-	-	0:44	197	6:16	402	13:10	206	18:44	254	
1-10	woe	-	-	1:49	140	6:56	358	14:28	148	20:36	375	-	-	00:55	160	07:02	333	13:34	167	19:57	315	-	-	1:22	227	7:14	400	14:01	234	20:09	247	
2-10	don	-	-	3:00	160	9:16	364	16:33	152	21:57	387	-	-	01:54	180	08:36	341	14:54	178	21:27	324	-	-	2:21	247	8:48	408	15:21	245	21:39	256	
3-10	vry	-	-	4:55	150	10:25	386	17:55	116	23:00	407	-	-	03:18	180	09:55	361	16:34	152	22:37	342	-	-	3:45	247	10:07	428	17:01	219	22:49	274	
4-10	zat	-	-	6:09	120	11:25	406	18:56	77	23:57	423	-	-	04:56	150	11:05	380	17:53	106	23:43	356	-	-	5:23	217	11:17	447	18:20	173	23:55	288	
5-10	zon	15:48 LK	-	-	7:07	80	12:20	417	19:54	50	-	-	-	-	06:13	110	12:09	391	18:53	71	-	-	-	-	6:40	177	12:21	458	19:20	138	-	-
6-10	maa	0:49	428	8:01	60	13:08	416	20:58	38	-	-	00:41	360	07:12	80	13:02	391	19:47	54	-	-	0:53	292	7:39	147	13:14	458	20:14	121	-	-	
7-10	din	1:34	423	9:13	50	13:49	411	21:56	35	-	-	01:29	354	08:04	60	13:46	384	20:36	48	-	-	1:41	286	8:31	127	13:58	451	21:03	115	-	-	
8-10	woe	2:12	417	9:03	40	8:37	48	10:11	47	14:27	449	02:09	345	08:51	60	14:23	379	21:21	47	-	-	2:21	277	9:18	127	14:35	446	21:48	114	-	-	
9-10	don	2:50	416	9:36	30	9:27	41	10:51	41	15:08	451	02:44	344	09:35	50	15:00	380	22:02	44	-	-	2:56	276	10:02	117	15:12	447	22:29	111	-	-	
10-10	vry	3:33	421	10:19	20	15:56	412	22:51	29	-	-	03:20	351	10:16	40	15:40	384	22:39	42	-	-	3:32	283	10:43	107	15:52	451	23:06	109	-	-	
11-10	zat	4:22	426	11:11	20	16:48	406	23:42	33	-	-	04:01	361	10:54	30	16:26	382	23:11	48	-	-	4:13	293	11:21	97	16:38	449	23:38	115	-	-	
12-10	zon	5:09	426	12:08	20	17:37	390	0:30	47	-	-	04:46	365	11:30	40	17:13	367	23:40	65	-	-	4:58	297	11:57	107	17:25	434	0:07	132	-	-	
13-10	maa	19:55 NM	5:54	418	13:00	30	18:25	363	1:20	72	-	-	05:32	357	12:07	60	18:03	341	-	-	-	-	5:44	289	12:34	127	18:15	408	0:43	157	-	-
14-10	din	6:41	404	13:57	60	19:17	335	2:18	100	-	-	-	-	00:16	90	06:22	340	12:53	93	19:01	310	-	-	0:43	157	6:34	407	13:20	160	19:13	242	
15-10	woe	-	-	2:18	100	7:37	350	15:06	95	20:27	356	-	-	01:03	120	07:25	323	14:07	128	20:23	290	-	-	1:30	187	7:37	390	14:34	195	20:35	222	
16-10	don	-	-	3:34	120	9:00	345	16:41	108	22:26	361	-	-	02:32	150	09:02	322	15:51	134	22:03	298	-	-	2:59	217	9:14	389	16:18	201	22:15	230	
17-10	vry	-	-	5:12	120	11:04	369	18:42	92	23:47	393	-	-	04:17	140	10:40	349	17:09	115	23:22	330	-	-	4:44	207	10:52	416	17:36	182	23:34	262	
18-10	zat	-	-	6:59	100	12:12	405	19:50	69	-	-	-	-	05:33	120	11:47	384	18:21	88	-	-	-	-	6:00	187	11:59	451	18:48	155	-	-	
19-10	zon	0:44	425	8:05	70	13:02	427	20:39	53	-	-	00:22	362	06:41	90	12:40	405	19:18	68	-	-	0:34	294	7:08	157	12:52	472	19:45	135	-	-	
20-10	maa	1:27	441	8:55	60	13:43	426	21:16	49	-	-	01:09	377	07:36	70	13:23	402	20:03	62	-	-	1:21	309	8:03	137	13:35	469	20:30	129	-	-	
21-10	din	05:29 EK	2:01	439	9:33	50	14:16	409	21:38	51	-	-	01:46	372	08:20	70	13:57	382	20:40	68	-	-	1:58	304	8:47	137	14:09	449	21:07	135	-	-
22-10	woe	2:29	429	9:56	50	14:42	390	21:52	51	-	-	02:14	359	08:55	70	14:24	361	21:09	73	-	-	2:26	291	9:22	137	14:36	428	21:36	140	-	-	
23-10	don	2:53	423	10:03	40	15:05	382	22:12	45	-	-	02:36	351	09:19	70	14:50	353	21:29	69	-	-	2:48	283	9:46	137	15:02	420	21:56	136	-	-	
24-10	vry	3:18	425	10:25	30	15:31	384	22:38	43	-	-	03:02	355	09:39	60	15:21	355	21:53	63	-	-	3:14	287	10:06	127	15:33	422	22:20	130	-	-	
25-10	zat	3:47	431	10:56	30	16:02	387	23:08	54	-	-	03:36	362	10:09	50	15:57	359	22:24	70	-	-	3:48	294	10:36	117	16:09	426	22:51	137	-	-	
26-10	zon	3:19	432	10:29	53	15:36	382	22:38	79	-	-	03:14	365	09:44	71	15:35	356	21:54	96	-	-	3:26	297	10:11	138	15:47	423	22:21	163	-	-	
27-10	maa	22:24 VM	3:48	427	11:01	81	16:07	371	23:07	110	-	-	03:49	362	10:17	99	16:11	346	22:21	130	-	-	4:01	294	10:44	166	16:23	413	22:48	197	-	-
28-10	din	4:11	421	11:30	107	16:31	358	23:37	134	-	-	04:19	356	10:47	128	16:43	334	22:50	156	-	-	4:31	288	11:14	195	16:55	401	23:17	223	-	-	
29-10	woe	4:38	420	12:06	125	17:03	347	0:16	148	-	-	04:50	353	11:21	146	17:27	324	23:28	170	-	-	5:02	285	11:48	213	17:39	391	23:55	237	-	-	
30-10	don	5:23	417	13:00	133	19:01	338	1:21	156	-	-	05:40	351	12:10	153	18:35	321	-	-	-	-	5:52	283	12:37	220	18:47	388	0:53	243	-	-	
31-10	vry	7:24	415	14:40	126	20:24	349	3:12	142	-	-	-	-	00:26	176	06:53	352	13:22	148	19:52	328	-	-	0:53	243	7:05	419	13:49	215	20:04	260	

Referentievlak :LAT

lw

20 cm m
eigen berekening

Süderoogsand

3,571
eigen berekening

datum	dag	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW	lw	HW																	
1-11	zat	-	-	3:12	142	8:42	388	16:10	93	21:26	407	-	-	01:45	167	08:11	360	14:43	123	21:02	341	-	-	2:12	234	8:23	427	15:10	190	21:14	273
2-11	zon	-	-	4:29	106	9:45	401	17:12	61	22:24	419	-	-	03:08	137	09:25	372	16:01	88	22:07	351	-	-	3:35	204	9:37	439	16:28	155	22:19	283
3-11	maa	-	-	5:28	76	10:42	408	18:07	43	23:17	423	-	-	04:23	102	10:32	380	17:07	63	23:07	355	-	-	4:50	169	10:44	447	17:34	130	23:19	287
4-11	din	-	-	6:18	60	11:33	408	18:58	39	0:03	421	-	-	05:28	78	11:27	381	18:07	51	23:57	353	-	-	5:55	145	11:39	448	18:34	118	0:09	285
5-11	woe	-	-	6:58	54	12:17	405	19:26	41	18:53	81	-	-	06:27	66	12:13	378	19:02	49	-	-	-	-	6:54	133	12:25	445	19:29	116	-	-
6-11	don	0:43	420	7:33	48	7:25	50	8:39	50	12:59	444	00:37	351	07:21	58	12:53	376	19:51	48	-	-	0:49	283	7:48	125	13:05	443	20:18	115	-	-
7-11	vry	1:24	423	8:15	37	8:06	40	9:26	40	13:47	443	01:13	355	08:11	48	13:34	374	20:35	46	-	-	1:25	287	8:38	115	13:46	441	21:02	113	-	-
8-11	zat	2:12	429	9:11	26	8:46	27	10:03	27	14:43	438	01:53	363	08:58	36	14:21	371	21:17	47	-	-	2:05	295	9:25	103	14:33	438	21:44	114	-	-
9-11	zon	3:06	433	10:37	20	15:40	388	22:39	42	-	-	02:40	369	09:42	32	15:13	362	21:55	57	-	-	2:52	301	10:09	99	15:25	429	22:22	124	-	-
10-11	maa	3:58	431	11:16	26	16:32	371	23:23	59	-	-	03:29	369	10:24	43	16:05	346	22:29	79	-	-	3:41	301	10:51	110	16:17	413	22:56	146	-	-
11-11	din	4:43	423	11:57	46	17:19	349	0:06	83	-	-	04:18	361	11:06	68	16:57	325	23:05	107	-	-	4:30	293	11:33	135	17:09	392	23:32	174	-	-
12-11	woe	5:26	413	12:44	73	18:07	331	0:57	107	-	-	05:08	349	11:53	100	17:55	306	23:53	136	-	-	5:20	281	12:20	167	18:07	373	0:20	203	-	-
13-11	don	6:15	407	13:43	97	19:13	322	2:02	125	-	-	06:10	341	13:00	125	19:06	299	-	-	-	-	6:22	273	13:27	192	19:18	366	1:40	221	-	-
14-11	vry	-	-	2:02	125	7:28	365	15:03	107	20:52	371	-	-	01:13	154	07:33	342	14:14	128	20:28	310	-	-	1:40	221	7:45	409	14:41	195	20:40	242
15-11	zat	-	-	3:25	125	9:22	378	16:33	94	22:04	395	-	-	02:35	147	08:59	358	15:18	113	21:40	332	-	-	3:02	214	9:11	425	15:45	180	21:52	264
16-11	zon	-	-	4:55	107	10:30	397	17:36	73	23:01	416	-	-	03:41	124	10:05	374	16:20	93	22:40	352	-	-	4:08	191	10:17	441	16:47	160	22:52	284
17-11	maa	-	-	6:07	82	11:23	403	18:29	57	23:46	425	-	-	04:47	99	11:00	378	17:23	76	23:28	358	-	-	5:14	166	11:12	445	17:50	143	23:40	290
18-11	din	-	-	7:05	62	12:06	394	19:13	49	0:22	421	-	-	05:52	78	11:45	367	18:17	66	-	-	-	-	6:19	145	11:57	434	18:44	133	-	-
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20-11	don	0:51	416	8:06	49	13:08	368	20:14	48	-	-	00:33	345	07:17	66	12:49	340	19:29	67	-	-	0:45	277	7:44	133	13:01	407	19:56	134	-	-
21-11	vry	1:19	419	8:29	44	13:34	370	20:41	48	-	-	01:00	349	07:45	64	13:19	344	19:57	67	-	-	1:12	281	8:12	131	13:31	411	20:24	134	-	-
22-11	zat	1:48	430	9:00	42	14:04	380	21:12	52	-	-	01:32	363	08:14	62	13:55	355	20:27	70	-	-	1:44	295	8:41	129	14:07	422	20:54	137	-	-
23-11	zon	2:22	442	9:36	49	14:41	386	21:45	68	-	-	02:11	378	08:49	65	14:37	362	21:00	84	-	-	2:23	310	9:16	132	14:49	429	21:27	151	-	-
24-11	maa	2:59	445	10:14	66	15:21	381	22:17	92	-	-	02:52	385	09:27	80	15:19	360	21:32	109	-	-	3:04	317	9:54	147	15:31	427	21:59	176	-	-
25-11	din	3:33	440	10:47	86	15:57	367	22:47	114	-	-	03:28	382	10:01	101	15:58	349	22:00	134	-	-	3:40	314	10:28	168	16:10	416	22:27	201	-	-
26-11	woe	3:59	433	11:17	99	16:26	353	23:18	123	-	-	04:00	374	10:32	117	16:33	336	22:31	146	-	-	4:12	306	10:59	184	16:45	403	22:58	213	-	-
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28-11	vry	5:05	425	12:41	91	18:23	340	0:57	117	-	-	05:19	360	11:52	111	18:06	323	-	-	-	-	5:31	292	12:19	178	18:18	390	0:33	203	-	-
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30-11	zon	-	-	2:26	105	7:54	383	15:15	63	20:43	395	-	-	01:15	124	07:24	355	14:02	85	20:14	329	-	-	1:42	191	7:36	422	14:29	152	20:26	261
1-12	maa	-	-	3:43	84	8:58	388	16:19	49	21:39	402	-	-	02:27	106	08:32	357	15:10	71	21:18	334	-	-	2:54	173	8:44	424	15:37	138	21:30	266
2-12	din	-	-	4:41	68	9:55	390	17:13	43	22:33	405	-	-	03:35	88	09:39	359	16:17	61	22:18	336	-	-	4:02	155	9:51	426	16:44	128	22:30	268
3-12	woe	-	-	5:34	59	10:49	388	18:03	43	23:23	407	-	-	04:41	76	10:39	358	17:21	58	23:11	338	-	-	5:08	143	10:51	425	17:48	125	23:23	270
4-12	don	-	-	6:23	53	11:41	385	18:51	43	0:11	411	-	-	05:46	66	11:33	357	18:23	56	23:59	342	-	-	6:13	133	11:45	424	18:50	123	0:11	274
5-12	vry	-	-	7:14	43	12:35	383	19:42	41	-	-	-	-	06:51	55	12:24	355	19:21	53	-	-	-	-	7:18	122	12:36	422	19:48	120	-	-
6-12	zat	1:03	417	9:00	31	13:36	381	21:19	38	-	-	00:45	349	07:52	41	13:19	353	20:15	50	-	-	0:57	281	8:19	108	13:31	420	20:42	117	-	-
7-12	zon	2:01	423	9:55	18	14:43	377	22:12	37	-	-	01:38	355	08:47	31	14:18	349	21:04	51	-	-	1:50	287	9:14	98	14:30	416	21:31	118	-	-
8-12	maa	3:02	426	10:42	17	15:43	370	22:55	47	-	-	02:33	360	09:37	32	15:16	341	21:50	63	-	-	2:45	292	10:04	99	15:28	408	22:17	130	-	-
9-12	din	3:56	425	11:20	31	16:34	358	23:25	66	-	-	03:27	360	10:24	47	16:07	330	22:31	84	-	-	3:39	292	10:51	114	16:19	397	22:58	151	-	-
10-12	woe	4:38	420	11:49	54	17:16	343	23:53	85	-	-	04:13	356	11:06	72	16:52	317	23:07	108	-	-	4:25	288	11:33	139	17:04	384	23:34	175	-	-
11-12	don	5:10	416	12:23	74	17:49	332	0:32	98	-	-	04:57	351	11:46	97	17:36	308	23:45	125	-	-	5:09	283	12:13	164	17:48	375	0:12	192	-	-
12-12	vry	5:45	414	13:08	87	18:30	329	1:23	104	-	-	05:44	347	12:30	111	18:28	305	-	-	-	-	5:56	279	12:57	178	18:40	372	1:05	199	-	-
13-12	zat	6:36	410	14:07	90	19:44	330	2:29	103	-	-	-	-	00:38	132	06:44	342	13:24	112	19:29	307	-	-	1:05	199	6:56	409	13:51	179	19:41	239
14-12	zon	-	-	2:29	103	8:02	362	15:20	84	21:05	378	-	-	01:42	126	07:57	338	14:22	102	20:36	314	-	-	2:09	193	8:09	405	14:49	169	20:48	246

Referentievlak :LAT lw

20 cm m
eigen berekening

Süderoogsand

3,571
eigen berekening

datum dag

		20 cm m eigen berekening				Süderoogsand					3,571 eigen berekening																						
datum	dag	HW	lw	HW	lw	HW	lw	HW	lw	HW	HW	lw	HW	lw	HW																		
15-12	maa	-	-	3:47	93	9:35	360	16:34	71	22:08	387	-	-	02:47	110	09:08	335	15:22	89	21:39	319	-	-	3:14	177	9:20	402	15:49	156	21:51	251		
16-12	din	-	-	5:04	75	10:37	356	17:37	60	23:00	392	-	-	03:50	92	10:10	328	16:23	79	22:35	321	-	-	4:17	159	10:22	395	16:50	146	22:47	253		
17-12	woe	-	-	6:09	60	11:27	350	18:31	55	23:44	394	-	-	04:57	77	11:02	320	17:26	72	23:20	322	-	-	5:24	144	11:14	387	17:53	139	23:32	254		
18-12	don	09:39	EK	-	-	7:00	52	12:08	344	19:15	56	0:21	399	-	-	05:59	67	11:45	316	18:19	71	23:56	330	-	-	6:26	134	11:57	383	18:46	138	0:08	262
19-12	vry	-	-	7:36	51	12:41	347	19:49	59	-	-	-	-	-	-	06:45	65	12:19	321	19:00	73	-	-	-	-	7:12	132	12:31	388	19:27	140	-	-
20-12	zat	0:53	412	8:09	52	13:11	359	20:20	62	-	-	00:31	346	07:23	67	12:55	334	19:36	77	-	-	0:43	278	7:50	134	13:07	401	20:03	144	-	-		
21-12	zon	1:26	430	8:45	53	13:45	372	20:54	65	-	-	01:09	367	07:59	68	13:35	349	20:11	82	-	-	1:21	299	8:26	135	13:47	416	20:38	149	-	-		
22-12	maa	2:03	444	9:25	56	14:26	378	21:30	73	-	-	01:50	383	08:37	71	14:19	356	20:46	91	-	-	2:02	315	9:04	138	14:31	423	21:13	158	-	-		
23-12	din	2:42	446	10:06	62	15:12	372	22:06	85	-	-	02:32	387	09:16	77	15:03	353	21:20	104	-	-	2:44	319	9:43	144	15:15	420	21:47	171	-	-		
24-12	woe	3:20	439	10:43	67	15:56	359	22:37	91	-	-	03:09	380	09:52	84	15:42	341	21:50	112	-	-	3:21	312	10:19	151	15:54	408	22:17	179	-	-		
25-12	don	3:51	428	11:10	66	16:31	346	23:07	88	-	-	03:43	370	10:23	85	16:17	329	22:21	110	-	-	3:55	302	10:50	152	16:29	396	22:48	177	-	-		
26-12	vry	4:19	423	11:40	56	17:03	340	23:44	76	-	-	04:18	362	10:55	78	16:54	322	22:58	98	-	-	4:30	294	11:22	145	17:06	389	23:25	165	-	-		
27-12	zat	01:33	VM	4:55	422	12:22	45	17:46	339	0:34	66	-	-	04:59	357	11:34	65	17:36	319	23:46	85	-	-	5:11	289	12:01	132	17:48	386	0:13	152	-	-
28-12	zon	5:53	420	13:18	39	18:47	340	1:41	62	-	-	05:48	354	12:24	57	18:25	316	-	-	-	-	6:00	286	12:51	124	18:37	383	1:10	146	-	-		
29-12	maa	-	-	1:41	62	7:05	378	14:24	40	19:48	381	-	-	00:43	79	06:42	349	13:21	58	19:19	314	-	-	1:10	146	6:54	416	13:48	125	19:31	246		
30-12	din	-	-	2:52	61	8:08	373	15:28	45	20:45	380	-	-	01:46	78	07:40	342	14:25	65	20:17	310	-	-	2:13	145	7:52	409	14:52	132	20:29	242		
31-12	woe	-	-	3:56	59	9:08	366	16:29	50	21:41	380	-	-	02:52	79	08:41	333	15:32	71	21:17	309	-	-	3:19	146	8:53	400	15:59	138	21:29	241		