

UREN ZONSOPGANG EN ZONSONDERGANG 2019 - HASSELT

| | JANUARI | | FEBRUARI | | MAART | | APRIL | | MEI | | JUNI | |
|----|---------|-------|----------|-------|-------|-------|-------|-------|------|-------|------|-------|
| 1 | 8:42 | 16:43 | 8:15 | 17:30 | 7:23 | 18:19 | 7:15 | 20:11 | 6:13 | 21:00 | 5:30 | 21:43 |
| 2 | 8:41 | 16:44 | 8:14 | 17:32 | 7:21 | 18:21 | 7:13 | 20:13 | 6:11 | 21:02 | 5:29 | 21:44 |
| 3 | 8:41 | 16:45 | 8:12 | 17:33 | 7:19 | 18:23 | 7:10 | 20:14 | 6:09 | 21:03 | 5:29 | 21:45 |
| 4 | 8:41 | 16:46 | 8:11 | 17:35 | 7:17 | 18:25 | 7:08 | 20:16 | 6:07 | 21:05 | 5:28 | 21:46 |
| 5 | 8:41 | 16:48 | 8:09 | 17:37 | 7:15 | 18:26 | 7:06 | 20:18 | 6:05 | 21:06 | 5:27 | 21:47 |
| 6 | 8:40 | 16:49 | 8:07 | 17:39 | 7:13 | 18:28 | 7:04 | 20:19 | 6:04 | 21:08 | 5:27 | 21:48 |
| 7 | 8:40 | 16:50 | 8:06 | 17:40 | 7:11 | 18:30 | 7:02 | 20:21 | 6:02 | 21:09 | 5:26 | 21:49 |
| 8 | 8:40 | 16:51 | 8:04 | 17:42 | 7:08 | 18:31 | 6:59 | 20:23 | 6:00 | 21:11 | 5:26 | 21:50 |
| 9 | 8:39 | 16:53 | 8:02 | 17:44 | 7:06 | 18:33 | 6:57 | 20:24 | 5:59 | 21:12 | 5:26 | 21:51 |
| 10 | 8:39 | 16:54 | 8:01 | 17:46 | 7:04 | 18:35 | 6:55 | 20:26 | 5:57 | 21:14 | 5:25 | 21:51 |
| 11 | 8:38 | 16:55 | 7:59 | 17:48 | 7:02 | 18:36 | 6:53 | 20:27 | 5:55 | 21:16 | 5:25 | 21:52 |
| 12 | 8:37 | 16:57 | 7:57 | 17:49 | 7:00 | 18:38 | 6:51 | 20:29 | 5:54 | 21:17 | 5:25 | 21:53 |
| 13 | 8:37 | 16:58 | 7:55 | 17:51 | 6:57 | 18:40 | 6:49 | 20:31 | 5:52 | 21:19 | 5:24 | 21:53 |
| 14 | 8:36 | 17:00 | 7:53 | 17:53 | 6:55 | 18:41 | 6:47 | 20:32 | 5:51 | 21:20 | 5:24 | 21:54 |
| 15 | 8:35 | 17:01 | 7:51 | 17:55 | 6:53 | 18:43 | 6:44 | 20:34 | 5:49 | 21:22 | 5:24 | 21:54 |
| 16 | 8:34 | 17:03 | 7:50 | 17:57 | 6:51 | 18:45 | 6:42 | 20:36 | 5:48 | 21:23 | 5:24 | 21:55 |
| 17 | 8:33 | 17:04 | 7:48 | 17:58 | 6:48 | 18:46 | 6:40 | 20:37 | 5:47 | 21:24 | 5:24 | 21:55 |
| 18 | 8:33 | 17:06 | 7:46 | 18:00 | 6:46 | 18:48 | 6:38 | 20:39 | 5:45 | 21:26 | 5:24 | 21:56 |
| 19 | 8:32 | 17:08 | 7:44 | 18:02 | 6:44 | 18:50 | 6:36 | 20:41 | 5:44 | 21:27 | 5:24 | 21:56 |
| 20 | 8:31 | 17:09 | 7:42 | 18:04 | 6:42 | 18:51 | 6:34 | 20:42 | 5:43 | 21:29 | 5:24 | 21:56 |
| 21 | 8:30 | 17:11 | 7:40 | 18:05 | 6:40 | 18:53 | 6:32 | 20:44 | 5:41 | 21:30 | 5:24 | 21:56 |
| 22 | 8:28 | 17:13 | 7:38 | 18:07 | 6:37 | 18:55 | 6:30 | 20:45 | 5:40 | 21:31 | 5:25 | 21:57 |
| 23 | 8:27 | 17:14 | 7:36 | 18:09 | 6:35 | 18:56 | 6:28 | 20:47 | 5:39 | 21:33 | 5:25 | 21:57 |
| 24 | 8:26 | 17:16 | 7:34 | 18:11 | 6:33 | 18:58 | 6:26 | 20:49 | 5:38 | 21:34 | 5:25 | 21:57 |
| 25 | 8:25 | 17:18 | 7:32 | 18:12 | 6:31 | 19:00 | 6:24 | 20:50 | 5:37 | 21:35 | 5:26 | 21:57 |
| 26 | 8:24 | 17:19 | 7:30 | 18:14 | 6:28 | 19:01 | 6:22 | 20:52 | 5:36 | 21:36 | 5:26 | 21:57 |
| 27 | 8:22 | 17:21 | 7:28 | 18:16 | 6:26 | 19:03 | 6:20 | 20:54 | 5:35 | 21:38 | 5:26 | 21:57 |
| 28 | 8:21 | 17:23 | 7:26 | 18:18 | 6:24 | 19:05 | 6:18 | 20:55 | 5:34 | 21:39 | 5:27 | 21:57 |
| 29 | 8:20 | 17:25 | | | 6:22 | 19:06 | 6:16 | 20:57 | 5:33 | 21:40 | 5:28 | 21:56 |
| 30 | 8:18 | 17:26 | | | 6:19 | 19:08 | 6:14 | 20:58 | 5:32 | 21:41 | 5:28 | 21:56 |
| 31 | 8:17 | 17:28 | | | 7:17 | 20:10 | | | 5:31 | 21:42 | | |

Bron:

Koninklijke Sterrenwacht van België, ringlaan 3 te 1180 Brussel
Gegevens en Verwerking: Agentschap voor Natuur en Bos

UREN ZONSOPGANG EN ZONSONDERGANG 2019 - HASSELT

| | JULI | | AUGUSTUS | | SEPTEMBER | | OKTOBER | | NOVEMBER | | DECEMBER | |
|----|------|-------|----------|-------|-----------|-------|---------|-------|----------|-------|----------|-------|
| 1 | 5:29 | 21:56 | 6:04 | 21:25 | 6:52 | 20:24 | 7:39 | 19:17 | 7:30 | 17:13 | 8:19 | 16:36 |
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| 3 | 5:30 | 21:55 | 6:07 | 21:21 | 6:55 | 20:20 | 7:42 | 19:12 | 7:34 | 17:10 | 8:22 | 16:35 |
| 4 | 5:31 | 21:55 | 6:09 | 21:20 | 6:57 | 20:18 | 7:44 | 19:10 | 7:36 | 17:08 | 8:23 | 16:34 |
| 5 | 5:32 | 21:54 | 6:10 | 21:18 | 6:58 | 20:16 | 7:45 | 19:08 | 7:37 | 17:06 | 8:24 | 16:34 |
| 6 | 5:33 | 21:54 | 6:12 | 21:16 | 7:00 | 20:13 | 7:47 | 19:06 | 7:39 | 17:05 | 8:26 | 16:33 |
| 7 | 5:33 | 21:53 | 6:13 | 21:15 | 7:01 | 20:11 | 7:48 | 19:04 | 7:41 | 17:03 | 8:27 | 16:33 |
| 8 | 5:34 | 21:53 | 6:15 | 21:13 | 7:03 | 20:09 | 7:50 | 19:01 | 7:42 | 17:02 | 8:28 | 16:33 |
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| 12 | 5:38 | 21:50 | 6:21 | 21:05 | 7:09 | 20:00 | 7:57 | 18:53 | 7:49 | 16:56 | 8:32 | 16:32 |
| 13 | 5:39 | 21:49 | 6:22 | 21:04 | 7:11 | 19:58 | 7:58 | 18:51 | 7:51 | 16:54 | 8:33 | 16:32 |
| 14 | 5:41 | 21:48 | 6:24 | 21:02 | 7:12 | 19:55 | 8:00 | 18:49 | 7:53 | 16:53 | 8:34 | 16:32 |
| 15 | 5:42 | 21:47 | 6:26 | 21:00 | 7:14 | 19:53 | 8:02 | 18:46 | 7:54 | 16:52 | 8:35 | 16:33 |
| 16 | 5:43 | 21:46 | 6:27 | 20:58 | 7:15 | 19:51 | 8:03 | 18:44 | 7:56 | 16:50 | 8:36 | 16:33 |
| 17 | 5:44 | 21:45 | 6:29 | 20:56 | 7:17 | 19:49 | 8:05 | 18:42 | 7:58 | 16:49 | 8:36 | 16:33 |
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| 20 | 5:48 | 21:41 | 6:33 | 20:50 | 7:21 | 19:42 | 8:10 | 18:36 | 8:03 | 16:45 | 8:38 | 16:34 |
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| 25 | 5:54 | 21:35 | 6:41 | 20:39 | 7:29 | 19:30 | 8:18 | 18:26 | 8:10 | 16:40 | 8:41 | 16:37 |
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| 27 | 5:57 | 21:32 | 6:44 | 20:35 | 7:32 | 19:26 | 7:22 | 17:22 | 8:13 | 16:39 | 8:41 | 16:38 |
| 28 | 5:59 | 21:31 | 6:46 | 20:33 | 7:34 | 19:24 | 7:24 | 17:21 | 8:15 | 16:38 | 8:41 | 16:39 |
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| 31 | 6:03 | 21:26 | 6:50 | 20:27 | | | 7:29 | 17:15 | | | 8:42 | 16:42 |

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