

2017-2020 IMCCE P=0 - SMA P=1 atm

QUANDO	il Sole	Azimut	orario del	altezza	CENTRO IMMAGINE a P=1atm		Azimut
Data	sorge (-3')	levata	Transito TMEC	a P=0	parte centesima	Tramonto(+3')	sunset
01/01/17	07:39	121	12:13:40,66	25,14	212,85	16:48	239,05
02/01/17	07:39	120,87	12:14:08,74	25,23	211,99	16:49	239,18
03/01/17	07:39	120,73	12:14:36,44	25,32	211,07	16:50	239,33
04/01/17	07:39	120,58	12:15:03,74	25,43	210,08	16:51	239,48
05/01/17	07:39	120,42	12:15:30,59	25,54	209,02	16:51	239,64
06/01/17	07:39	120,25	12:15:56,97	25,66	207,91	16:52	239,82
07/01/17	07:39	120,07	12:16:22,85	25,79	206,74	16:53	240
08/01/17	07:38	119,88	12:16:48,21	25,92	205,51	16:54	240,19
09/01/17	07:38	119,68	12:17:13,02	26,06	204,22	16:56	240,4
10/01/17	07:38	119,47	12:17:37,26	26,21	202,89	16:57	240,62
11/01/17	07:38	119,25	12:18:00,92	26,37	201,51	16:58	240,84
12/01/17	07:37	119,02	12:18:23,97	26,53	200,08	16:59	241,07
13/01/17	07:37	118,78	12:18:46,41	26,7	198,61	17:00	241,32
14/01/17	07:37	118,53	12:19:08,20	26,88	197,1	17:01	241,57
15/01/17	07:36	118,27	12:19:29,35	27,06	195,54	17:02	241,84
16/01/17	07:36	118	12:19:49,83	27,25	193,95	17:03	242,11
17/01/17	07:35	117,72	12:20:09,63	27,45	192,33	17:05	242,39
18/01/17	07:35	117,44	12:20:28,74	27,65	190,68	17:06	242,68
19/01/17	07:34	117,14	12:20:47,14	27,86	188,99	17:07	242,98
20/01/17	07:33	116,84	12:21:04,82	28,08	187,28	17:08	243,29
21/01/17	07:33	116,52	12:21:21,77	28,3	185,55	17:09	243,6
22/01/17	07:32	116,2	12:21:37,97	28,53	183,79	17:11	243,93
23/01/17	07:31	115,87	12:21:53,41	28,76	182,01	17:12	244,26
24/01/17	07:31	115,54	12:22:08,08	29	180,22	17:13	244,6
25/01/17	07:30	115,19	12:22:21,98	29,25	178,41	17:14	244,95
26/01/17	07:29	114,84	12:22:35,08	29,5	176,58	17:16	245,3
27/01/17	07:28	114,48	12:22:47,39	29,76	174,75	17:17	245,67
28/01/17	07:27	114,11	12:22:58,89	30,02	172,9	17:18	246,04
29/01/17	07:26	113,74	12:23:09,57	30,29	171,05	17:20	246,42
30/01/17	07:25	113,36	12:23:19,44	30,56	169,19	17:21	246,8
31/01/17	07:24	112,97	12:23:28,47	30,84	167,32	17:22	247,19
01/02/17	07:23	112,58	12:23:36,68	31,13	165,45	17:23	247,59
02/02/17	07:22	112,18	12:23:44,05	31,42	163,58	17:25	247,99
03/02/17	07:21	111,77	12:23:50,58	31,71	161,71	17:26	248,4
04/02/17	07:20	111,36	12:23:56,28	32,01	159,85	17:27	248,82
05/02/17	07:19	110,94	12:24:01,15	32,31	157,98	17:29	249,24
06/02/17	07:18	110,52	12:24:05,20	32,62	156,12	17:30	249,67
07/02/17	07:17	110,09	12:24:08,42	32,93	154,26	17:31	250,1
08/02/17	07:16	109,65	12:24:10,84	33,25	152,41	17:32	250,54
09/02/17	07:14	109,21	12:24:12,46	33,57	150,57	17:34	250,98
10/02/17	07:13	108,77	12:24:13,29	33,89	148,74	17:35	251,43
11/02/17	07:12	108,32	12:24:13,35	34,22	146,91	17:36	251,88
12/02/17	07:10	107,86	12:24:12,66	34,56	145,1	17:38	252,34
13/02/17	07:09	107,4	12:24:11,21	34,89	143,29	17:39	252,8
14/02/17	07:08	106,94	12:24:09,04	35,23	141,5	17:40	253,27
15/02/17	07:06	106,47	12:24:06,14	35,57	139,71	17:41	253,74
16/02/17	07:05	106	12:24:02,55	35,92	137,95	17:43	254,21
17/02/17	07:04	105,52	12:23:58,27	36,27	136,19	17:44	254,69
18/02/17	07:02	105,04	12:23:53,31	36,62	134,45	17:45	255,17
19/02/17	07:01	104,56	12:23:47,69	36,98	132,72	17:46	255,66
20/02/17	06:59	104,07	12:23:41,42	37,34	131	17:48	256,15

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21/02/17	06:58	103,58	12:23:34,52	37,7	129,3	17:49	256,64
22/02/17	06:56	103,09	12:23:27,00	38,06	127,62	17:50	257,14
23/02/17	06:55	102,59	12:23:18,88	38,43	125,95	17:51	257,64
24/02/17	06:53	102,09	12:23:10,16	38,8	124,3	17:53	258,14
25/02/17	06:52	101,59	12:23:00,87	39,17	122,66	17:54	258,64
26/02/17	06:50	101,08	12:22:51,01	39,55	121,04	17:55	259,15
27/02/17	06:49	100,58	12:22:40,59	39,92	119,43	17:56	259,66
28/02/17	06:47	100,07	12:22:29,64	40,3	117,85	17:57	260,17
01/03/17	06:46	99,55	12:22:18,17	40,68	116,28	17:59	260,69
02/03/17	06:44	99,04	12:22:06,18	41,06	114,72	18:00	261,2
03/03/17	06:43	98,52	12:21:53,69	41,45	113,19	18:01	261,72
04/03/17	06:41	98	12:21:40,73	41,83	111,67	18:02	262,24
05/03/17	06:39	97,48	12:21:27,30	42,22	110,16	18:03	262,76
06/03/17	06:38	96,96	12:21:13,43	42,6	108,68	18:05	263,29
07/03/17	06:36	96,44	12:20:59,13	42,99	107,21	18:06	263,81
08/03/17	06:34	95,92	12:20:44,43	43,38	105,76	18:07	264,34
09/03/17	06:33	95,39	12:20:29,35	43,77	104,32	18:08	264,86
10/03/17	06:31	94,87	12:20:13,92	44,17	102,91	18:09	265,39
11/03/17	06:29	94,34	12:19:58,15	44,56	101,51	18:10	265,92
12/03/17	06:28	93,81	12:19:42,07	44,95	100,12	18:11	266,45
13/03/17	06:26	93,28	12:19:25,70	45,34	98,76	18:13	266,98
14/03/17	06:24	92,75	12:19:09,08	45,74	97,41	18:14	267,51
15/03/17	06:23	92,22	12:18:52,21	46,13	96,07	18:15	268,04
16/03/17	06:21	91,69	12:18:35,14	46,53	94,76	18:16	268,57
17/03/17	06:19	91,16	12:18:17,87	46,92	93,46	18:17	269,1
18/03/17	06:17	90,63	12:18:00,43	47,32	92,17	18:18	269,63
19/03/17	06:16	90,1	12:17:42,84	47,71	90,91	18:19	270,17
Equinozio di primavera 20 marzo 2017 alle ore 11h 28m locali							
20/03/17	06:14	89,57	12:17:25,13	48,11	89,66	18:21	270,7
21/03/17	06:12	89,04	12:17:07,31	48,5	88,42	18:22	271,23
22/03/17	06:11	88,51	12:16:49,41	48,9	87,2	18:23	271,76
23/03/17	06:09	87,98	12:16:31,44	49,29	86	18:24	272,29
24/03/17	06:07	87,45	12:16:13,43	49,69	84,81	18:25	272,82
25/03/17	06:05	86,92	12:15:55,39	50,08	83,64	18:26	273,35
26/03/17	06:04	86,4	12:15:37,34	50,47	82,48	18:27	273,88
27/03/17	06:02	85,87	12:15:19,29	50,86	81,34	18:28	274,4
28/03/17	06:00	85,34	12:15:01,27	51,25	80,21	18:29	274,93
29/03/17	05:59	84,82	12:14:43,28	51,64	79,1	18:31	275,45
30/03/17	05:57	84,3	12:14:25,35	52,03	78	18:32	275,98
31/03/17	05:55	83,77	12:14:07,48	52,42	76,92	18:33	276,5
01/04/17	05:54	83,25	12:13:49,70	52,81	75,86	18:34	277,02
02/04/17	05:52	82,73	12:13:32,01	53,19	74,8	18:35	277,54
03/04/17	05:50	82,22	12:13:14,44	53,57	73,77	18:36	278,06
04/04/17	05:48	81,7	12:12:57,01	53,96	72,75	18:37	278,57
05/04/17	05:47	81,19	12:12:39,73	54,34	71,74	18:38	279,09
06/04/17	05:45	80,68	12:12:22,62	54,71	70,74	18:39	279,6
07/04/17	05:43	80,17	12:12:05,71	55,09	69,76	18:40	280,11
08/04/17	05:42	79,66	12:11:49,01	55,46	68,8	18:42	280,61
09/04/17	05:40	79,16	12:11:32,54	55,83	67,85	18:43	281,12
10/04/17	05:39	78,66	12:11:16,33	56,2	66,91	18:44	281,62
11/04/17	05:37	78,16	12:11:00,40	56,57	65,98	18:45	282,12
12/04/17	05:35	77,66	12:10:44,77	56,94	65,07	18:46	282,61
13/04/17	05:34	77,17	12:10:29,45	57,3	64,18	18:47	283,1

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14/04/17	05:32	76,68	12:10:14,47	57,66	63,29	18:48	283,59
15/04/17	05:30	76,19	12:09:59,84	58,02	62,42	18:49	284,08
16/04/17	05:29	75,7	12:09:45,58	58,37	61,57	18:50	284,56
17/04/17	05:27	75,22	12:09:31,71	58,72	60,72	18:51	285,04
18/04/17	05:26	74,75	12:09:18,25	59,07	59,89	18:53	285,52
19/04/17	05:24	74,27	12:09:05,20	59,42	59,07	18:54	285,99
20/04/17	05:23	73,8	12:08:52,59	59,76	58,27	18:55	286,46
21/04/17	05:21	73,33	12:08:40,42	60,1	57,48	18:56	286,93
22/04/17	05:20	72,87	12:08:28,71	60,44	56,7	18:57	287,39
23/04/17	05:18	72,41	12:08:17,47	60,77	55,94	18:58	287,85
24/04/17	05:17	71,96	12:08:06,71	61,1	55,18	18:59	288,3
25/04/17	05:15	71,51	12:07:56,44	61,43	54,44	19:00	288,75
26/04/17	05:14	71,06	12:07:46,66	61,75	53,72	19:01	289,19
27/04/17	05:12	70,62	12:07:37,38	62,07	53	19:03	289,63
28/04/17	05:11	70,18	12:07:28,60	62,38	52,3	19:04	290,07
29/04/17	05:10	69,75	12:07:20,33	62,69	51,61	19:05	290,5
30/04/17	05:08	69,32	12:07:12,57	63	50,93	19:06	290,92
01/05/17	05:07	68,9	12:07:05,32	63,3	50,27	19:07	291,34
02/05/17	05:06	68,48	12:06:58,59	63,6	49,62	19:08	291,76
03/05/17	05:04	68,07	12:06:52,38	63,9	48,98	19:09	292,17
04/05/17	05:03	67,67	12:06:46,71	64,19	48,36	19:10	292,57
05/05/17	05:02	67,27	12:06:41,57	64,47	47,74	19:11	292,97
06/05/17	05:01	66,87	12:06:36,98	64,75	47,14	19:12	293,36
07/05/17	04:59	66,48	12:06:32,94	65,03	46,55	19:13	293,75
08/05/17	04:58	66,1	12:06:29,45	65,3	45,98	19:14	294,12
09/05/17	04:57	65,72	12:06:26,53	65,57	45,42	19:15	294,5
10/05/17	04:56	65,35	12:06:24,18	65,83	44,87	19:17	294,87
11/05/17	04:55	64,99	12:06:22,40	66,09	44,33	19:18	295,23
12/05/17	04:54	64,63	12:06:21,19	66,34	43,8	19:19	295,58
13/05/17	04:53	64,28	12:06:20,56	66,58	43,29	19:20	295,93
14/05/17	04:52	63,94	12:06:20,50	66,83	42,79	19:21	296,27
15/05/17	04:51	63,6	12:06:21,03	67,06	42,3	19:22	296,6
16/05/17	04:50	63,27	12:06:22,13	67,29	41,83	19:23	296,93
17/05/17	04:49	62,95	12:06:23,81	67,52	41,37	19:24	297,25
18/05/17	04:48	62,63	12:06:26,07	67,74	40,92	19:25	297,56
19/05/17	04:47	62,32	12:06:28,89	67,95	40,48	19:26	297,86
20/05/17	04:46	62,02	12:06:32,28	68,16	40,06	19:27	298,16
21/05/17	04:45	61,73	12:06:36,22	68,37	39,65	19:28	298,45
22/05/17	04:44	61,44	12:06:40,71	68,56	39,25	19:28	298,73
23/05/17	04:44	61,17	12:06:45,74	68,76	38,87	19:29	299
24/05/17	04:43	60,9	12:06:51,30	68,94	38,49	19:30	299,26
25/05/17	04:42	60,64	12:06:57,36	69,12	38,13	19:31	299,52
26/05/17	04:42	60,38	12:07:03,91	69,29	37,79	19:32	299,77
27/05/17	04:41	60,14	12:07:10,94	69,46	37,45	19:33	300,01
28/05/17	04:40	59,9	12:07:18,42	69,62	37,13	19:34	300,24
29/05/17	04:40	59,68	12:07:26,33	69,78	36,82	19:35	300,46
30/05/17	04:39	59,46	12:07:34,67	69,93	36,53	19:35	300,67
31/05/17	04:39	59,25	12:07:43,41	70,07	36,25	19:36	300,88
01/06/17	04:38	59,05	12:07:52,53	70,21	35,98	19:37	301,07
02/06/17	04:38	58,86	12:08:02,02	70,34	35,72	19:38	301,26
03/06/17	04:37	58,67	12:08:11,87	70,46	35,48	19:38	301,43
04/06/17	04:37	58,5	12:08:22,05	70,58	35,25	19:39	301,6
05/06/17	04:37	58,34	12:08:32,55	70,69	35,04	19:40	301,76

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06/06/17	04:36	58,18	12:08:43,36	70,79	34,83	19:40	301,91
07/06/17	04:36	58,04	12:08:54,45	70,89	34,64	19:41	302,05
08/06/17	04:36	57,9	12:09:05,82	70,98	34,47	19:42	302,18
09/06/17	04:36	57,78	12:09:17,44	71,06	34,31	19:42	302,29
10/06/17	04:35	57,66	12:09:29,30	71,14	34,16	19:43	302,4
11/06/17	04:35	57,56	12:09:41,37	71,21	34,02	19:43	302,5
12/06/17	04:35	57,46	12:09:53,65	71,27	33,9	19:44	302,59
13/06/17	04:35	57,38	12:10:06,10	71,33	33,79	19:44	302,67
14/06/17	04:35	57,3	12:10:18,72	71,38	33,69	19:45	302,74
15/06/17	04:35	57,24	12:10:31,48	71,42	33,61	19:45	302,8
16/06/17	04:35	57,18	12:10:44,36	71,45	33,54	19:45	302,85
17/06/17	04:35	57,13	12:10:57,33	71,48	33,48	19:46	302,89
18/06/17	04:35	57,1	12:11:10,39	71,51	33,44	19:46	302,92
19/06/17	04:35	57,07	12:11:23,50	71,52	33,41	19:46	302,94
20/06/17	04:36	57,06	12:11:36,64	71,53	33,39	19:47	302,95
Solstizio d'estate 21 giugno 2017 alle ore 06h 23m ora legale							
21/06/17	04:36	57,05	12:11:49,78	71,53	33,39	19:47	302,95
22/06/17	04:36	57,06	12:12:02,90	71,53	33,4	19:47	302,94
23/06/17	04:36	57,07	12:12:15,96	71,51	33,42	19:47	302,91
24/06/17	04:37	57,1	12:12:28,95	71,49	33,46	19:47	302,88
25/06/17	04:37	57,13	12:12:41,82	71,47	33,51	19:47	302,84
26/06/17	04:37	57,18	12:12:54,55	71,44	33,57	19:47	302,79
27/06/17	04:38	57,23	12:13:07,11	71,4	33,65	19:47	302,73
28/06/17	04:38	57,3	12:13:19,47	71,35	33,74	19:47	302,66
29/06/17	04:39	57,37	12:13:31,62	71,3	33,85	19:47	302,58
30/06/17	04:39	57,46	12:13:43,52	71,24	33,96	19:47	302,49
01/07/17	04:40	57,55	12:13:55,15	71,17	34,09	19:47	302,38
02/07/17	04:40	57,66	12:14:06,50	71,1	34,24	19:47	302,27
03/07/17	04:41	57,77	12:14:17,54	71,01	34,39	19:47	302,15
04/07/17	04:41	57,89	12:14:28,25	70,93	34,56	19:47	302,02
05/07/17	04:42	58,03	12:14:38,62	70,83	34,75	19:46	301,88
06/07/17	04:42	58,17	12:14:48,63	70,73	34,94	19:46	301,73
07/07/17	04:43	58,32	12:14:58,27	70,63	35,15	19:46	301,58
08/07/17	04:44	58,49	12:15:07,51	70,51	35,37	19:45	301,41
09/07/17	04:44	58,66	12:15:16,34	70,39	35,61	19:45	301,23
10/07/17	04:45	58,84	12:15:24,76	70,27	35,86	19:44	301,05
11/07/17	04:46	59,03	12:15:32,74	70,14	36,12	19:44	300,85
12/07/17	04:47	59,23	12:15:40,28	70	36,39	19:43	300,65
13/07/17	04:47	59,43	12:15:47,36	69,85	36,68	19:43	300,43
14/07/17	04:48	59,65	12:15:53,97	69,7	36,98	19:42	300,21
15/07/17	04:49	59,87	12:16:00,11	69,54	37,29	19:42	299,98
16/07/17	04:50	60,11	12:16:05,75	69,38	37,61	19:41	299,74
17/07/17	04:51	60,35	12:16:10,90	69,21	37,95	19:40	299,5
18/07/17	04:51	60,6	12:16:15,53	69,04	38,3	19:40	299,24
19/07/17	04:52	60,86	12:16:19,65	68,86	38,66	19:39	298,98
20/07/17	04:53	61,12	12:16:23,23	68,67	39,04	19:38	298,71
21/07/17	04:54	61,4	12:16:26,26	68,48	39,43	19:37	298,43
22/07/17	04:55	61,68	12:16:28,73	68,28	39,83	19:36	298,14
23/07/17	04:56	61,97	12:16:30,63	68,07	40,24	19:36	297,85
24/07/17	04:57	62,27	12:16:31,95	67,86	40,67	19:35	297,55
25/07/17	04:58	62,57	12:16:32,67	67,65	41,11	19:34	297,24
26/07/17	04:59	62,89	12:16:32,78	67,43	41,56	19:33	296,92
27/07/17	05:00	63,2	12:16:32,28	67,2	42,02	19:32	296,6

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28/07/17	05:01	63,53	12:16:31,16	66,97	42,5	19:31	296,27
29/07/17	05:02	63,86	12:16:29,42	66,73	42,98	19:30	295,93
30/07/17	05:03	64,2	12:16:27,05	66,49	43,48	19:29	295,59
31/07/17	05:04	64,55	12:16:24,06	66,25	44	19:28	295,24
01/08/17	05:05	64,9	12:16:20,44	65,99	44,52	19:26	294,88
02/08/17	05:06	65,26	12:16:16,20	65,74	45,06	19:25	294,52
03/08/17	05:07	65,63	12:16:11,33	65,48	45,61	19:24	294,15
04/08/17	05:08	66	12:16:05,85	65,21	46,17	19:23	293,78
05/08/17	05:09	66,38	12:15:59,76	64,94	46,74	19:22	293,39
06/08/17	05:10	66,76	12:15:53,06	64,67	47,33	19:21	293,01
07/08/17	05:11	67,15	12:15:45,77	64,39	47,92	19:19	292,62
08/08/17	05:12	67,55	12:15:37,88	64,1	48,53	19:18	292,22
09/08/17	05:13	67,95	12:15:29,42	63,82	49,15	19:17	291,82
10/08/17	05:14	68,35	12:15:20,38	63,52	49,79	19:15	291,41
11/08/17	05:15	68,76	12:15:10,79	63,23	50,44	19:14	291
12/08/17	05:16	69,18	12:15:00,64	62,93	51,09	19:13	290,58
13/08/17	05:17	69,6	12:14:49,96	62,62	51,77	19:11	290,15
14/08/17	05:18	70,03	12:14:38,75	62,32	52,45	19:10	289,73
15/08/17	05:19	70,46	12:14:27,02	62	53,14	19:08	289,29
16/08/17	05:20	70,89	12:14:14,79	61,69	53,85	19:07	288,86
17/08/17	05:21	71,33	12:14:02,06	61,37	54,57	19:05	288,42
18/08/17	05:22	71,77	12:13:48,84	61,05	55,31	19:04	287,97
19/08/17	05:23	72,22	12:13:35,15	60,72	56,05	19:02	287,52
20/08/17	05:24	72,68	12:13:20,98	60,39	56,81	19:01	287,07
21/08/17	05:25	73,13	12:13:06,35	60,06	57,58	18:59	286,61
22/08/17	05:26	73,59	12:12:51,26	59,72	58,36	18:58	286,15
23/08/17	05:27	74,05	12:12:35,72	59,38	59,16	18:56	285,68
24/08/17	05:28	74,52	12:12:19,74	59,04	59,96	18:55	285,22
25/08/17	05:29	74,99	12:12:03,34	58,7	60,78	18:53	284,74
26/08/17	05:30	75,47	12:11:46,51	58,35	61,62	18:52	284,27
27/08/17	05:31	75,94	12:11:29,29	58	62,46	18:50	283,79
28/08/17	05:32	76,42	12:11:11,68	57,65	63,32	18:48	283,31
29/08/17	05:33	76,91	12:10:53,69	57,29	64,19	18:47	282,82
30/08/17	05:34	77,39	12:10:35,35	56,93	65,08	18:45	282,34
31/08/17	05:35	77,88	12:10:16,67	56,57	65,98	18:43	281,85
01/09/17	05:36	78,37	12:09:57,66	56,21	66,89	18:42	281,36
02/09/17	05:37	78,87	12:09:38,35	55,85	67,81	18:40	280,86
03/09/17	05:39	79,37	12:09:18,75	55,48	68,75	18:38	280,36
04/09/17	05:40	79,86	12:08:58,89	55,11	69,7	18:37	279,87
05/09/17	05:41	80,37	12:08:38,79	54,74	70,67	18:35	279,36
06/09/17	05:42	80,87	12:08:18,46	54,37	71,64	18:33	278,86
07/09/17	05:43	81,37	12:07:57,93	54	72,63	18:32	278,36
08/09/17	05:44	81,88	12:07:37,22	53,62	73,64	18:30	277,85
09/09/17	05:45	82,39	12:07:16,36	53,24	74,66	18:28	277,34
10/09/17	05:46	82,9	12:06:55,36	52,87	75,69	18:26	276,83
11/09/17	05:47	83,41	12:06:34,25	52,49	76,74	18:25	276,32
12/09/17	05:48	83,93	12:06:13,06	52,1	77,8	18:23	275,8
13/09/17	05:49	84,44	12:05:51,79	51,72	78,88	18:21	275,29
14/09/17	05:50	84,96	12:05:30,48	51,34	79,97	18:19	274,77
15/09/17	05:51	85,48	12:05:09,14	50,95	81,08	18:18	274,25
16/09/17	05:52	86	12:04:47,79	50,57	82,2	18:16	273,74
17/09/17	05:53	86,52	12:04:26,44	50,18	83,33	18:14	273,22
18/09/17	05:54	87,04	12:04:05,11	49,8	84,48	18:13	272,7

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19/09/17	05:55	87,56	12:03:43,82	49,41	85,65	18:11	272,18
20/09/17	05:56	88,08	12:03:22,59	49,02	86,83	18:09	271,65
21/09/17	05:57	88,6	12:03:01,42	48,63	88,03	18:07	271,13
22/09/17	05:58	89,13	12:02:40,34	48,24	89,24	18:06	270,61
Equinozio d'autunno 22 settembre 2017 alle ore 22h 01m ora legale							
23/09/17	05:59	89,65	12:02:19,37	47,85	90,47	18:04	270,09
24/09/17	06:00	90,17	12:01:58,52	47,46	91,71	18:02	269,56
25/09/17	06:01	90,7	12:01:37,80	47,07	92,97	18:00	269,04
26/09/17	06:02	91,22	12:01:17,25	46,68	94,24	17:59	268,52
27/09/17	06:03	91,74	12:00:56,88	46,3	95,53	17:57	268
28/09/17	06:04	92,27	12:00:36,70	45,91	96,84	17:55	267,47
29/09/17	06:06	92,79	12:00:16,74	45,52	98,16	17:53	266,95
30/09/17	06:07	93,31	11:59:57,02	45,13	99,5	17:52	266,43
01/10/17	06:08	93,84	11:59:37,56	44,74	100,86	17:50	265,91
02/10/17	06:09	94,36	11:59:18,39	44,35	102,23	17:48	265,39
03/10/17	06:10	94,88	11:58:59,52	43,97	103,62	17:47	264,87
04/10/17	06:11	95,4	11:58:40,97	43,58	105,02	17:45	264,35
05/10/17	06:12	95,91	11:58:22,78	43,2	106,44	17:43	263,84
06/10/17	06:13	96,43	11:58:04,96	42,81	107,88	17:41	263,32
07/10/17	06:14	96,95	11:57:47,55	42,43	109,33	17:40	262,81
08/10/17	06:15	97,46	11:57:30,55	42,05	110,8	17:38	262,29
09/10/17	06:16	97,98	11:57:14,01	41,67	112,29	17:36	261,78
10/10/17	06:17	98,49	11:56:57,94	41,29	113,8	17:35	261,27
11/10/17	06:19	99	11:56:42,35	40,92	115,32	17:33	260,77
12/10/17	06:20	99,5	11:56:27,28	40,54	116,85	17:32	260,26
13/10/17	06:21	100,01	11:56:12,74	40,17	118,41	17:30	259,76
14/10/17	06:22	100,51	11:55:58,75	39,79	119,98	17:28	259,25
15/10/17	06:23	101,02	11:55:45,33	39,42	121,57	17:27	258,75
16/10/17	06:24	101,52	11:55:32,49	39,06	123,17	17:25	258,26
17/10/17	06:25	102,01	11:55:20,24	38,69	124,79	17:24	257,76
18/10/17	06:27	102,51	11:55:08,60	38,33	126,42	17:22	257,27
19/10/17	06:28	103	11:54:57,58	37,97	128,07	17:21	256,78
20/10/17	06:29	103,49	11:54:47,20	37,61	129,74	17:19	256,29
21/10/17	06:30	103,97	11:54:37,46	37,25	131,42	17:18	255,81
22/10/17	06:31	104,45	11:54:28,38	36,9	133,12	17:16	255,33
23/10/17	06:32	104,93	11:54:19,98	36,55	134,83	17:15	254,85
24/10/17	06:34	105,41	11:54:12,25	36,2	136,55	17:13	254,38
25/10/17	06:35	105,88	11:54:05,23	35,85	138,29	17:12	253,91
26/10/17	06:36	106,35	11:53:58,91	35,51	140,04	17:10	253,45
27/10/17	06:37	106,81	11:53:53,30	35,17	141,8	17:09	252,98
28/10/17	06:38	107,27	11:53:48,44	34,84	143,58	17:08	252,53
29/10/17	06:40	107,73	11:53:44,31	34,51	145,36	17:06	252,07
30/10/17	06:41	108,18	11:53:40,93	34,18	147,16	17:05	251,62
31/10/17	06:42	108,63	11:53:38,33	33,85	148,96	17:04	251,18
01/11/17	06:43	109,07	11:53:36,50	33,53	150,78	17:02	250,74
02/11/17	06:45	109,51	11:53:35,45	33,22	152,6	17:01	250,31
03/11/17	06:46	109,94	11:53:35,22	32,91	154,43	17:00	249,88
04/11/17	06:47	110,37	11:53:35,79	32,6	156,26	16:59	249,45
05/11/17	06:48	110,79	11:53:37,19	32,29	158,1	16:58	249,03
06/11/17	06:49	111,21	11:53:39,43	31,99	159,95	16:56	248,62
07/11/17	06:51	111,62	11:53:42,52	31,7	161,79	16:55	248,21
08/11/17	06:52	112,02	11:53:46,46	31,41	163,64	16:54	247,81
09/11/17	06:53	112,42	11:53:51,27	31,12	165,49	16:53	247,41

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10/11/17	06:54	112,82	11:53:56,94	30,84	167,34	16:52	247,02
11/11/17	06:56	113,2	11:54:03,48	30,56	169,19	16:51	246,64
12/11/17	06:57	113,58	11:54:10,90	30,29	171,03	16:50	246,26
13/11/17	06:58	113,96	11:54:19,18	30,03	172,87	16:49	245,89
14/11/17	06:59	114,32	11:54:28,32	29,77	174,69	16:48	245,53
15/11/17	07:01	114,68	11:54:38,33	29,51	176,51	16:47	245,17
16/11/17	07:02	115,04	11:54:49,18	29,26	178,32	16:46	244,82
17/11/17	07:03	115,38	11:55:00,89	29,01	180,12	16:46	244,48
18/11/17	07:04	115,72	11:55:13,43	28,78	181,9	16:45	244,15
19/11/17	07:05	116,05	11:55:26,80	28,54	183,67	16:44	243,82
20/11/17	07:07	116,37	11:55:40,98	28,32	185,41	16:43	243,5
21/11/17	07:08	116,69	11:55:55,96	28,09	187,13	16:43	243,19
22/11/17	07:09	116,99	11:56:11,74	27,88	188,84	16:42	242,89
23/11/17	07:10	117,29	11:56:28,29	27,67	190,51	16:41	242,59
24/11/17	07:11	117,58	11:56:45,60	27,47	192,16	16:41	242,31
25/11/17	07:12	117,86	11:57:03,66	27,27	193,77	16:40	242,03
26/11/17	07:14	118,13	11:57:22,45	27,08	195,36	16:40	241,76
27/11/17	07:15	118,39	11:57:41,95	26,9	196,9	16:39	241,5
28/11/17	07:16	118,65	11:58:02,15	26,72	198,41	16:39	241,26
29/11/17	07:17	118,89	11:58:23,02	26,55	199,88	16:39	241,01
30/11/17	07:18	119,13	11:58:44,56	26,39	201,31	16:38	240,78
01/12/17	07:19	119,35	11:59:06,74	26,23	202,69	16:38	240,56
02/12/17	07:20	119,57	11:59:29,55	26,08	204,02	16:38	240,35
03/12/17	07:21	119,77	11:59:52,96	25,94	205,31	16:37	240,15
04/12/17	07:22	119,97	12:00:16,97	25,81	206,54	16:37	239,96
05/12/17	07:23	120,15	12:00:41,54	25,68	207,72	16:37	239,78
06/12/17	07:24	120,33	12:01:06,68	25,56	208,83	16:37	239,61
07/12/17	07:25	120,49	12:01:32,34	25,45	209,9	16:37	239,45
08/12/17	07:26	120,65	12:01:58,51	25,34	210,89	16:37	239,3
09/12/17	07:27	120,79	12:02:25,16	25,24	211,83	16:37	239,16
10/12/17	07:28	120,92	12:02:52,26	25,15	212,7	16:37	239,03
11/12/17	07:29	121,05	12:03:19,80	25,07	213,5	16:37	238,91
12/12/17	07:29	121,16	12:03:47,72	24,99	214,24	16:37	238,8
13/12/17	07:30	121,26	12:04:16,00	24,93	214,9	16:37	238,71
14/12/17	07:31	121,35	12:04:44,61	24,86	215,49	16:38	238,62
15/12/17	07:32	121,43	12:05:13,51	24,81	216,01	16:38	238,55
16/12/17	07:32	121,49	12:05:42,67	24,77	216,45	16:38	238,49
17/12/17	07:33	121,55	12:06:12,05	24,73	216,82	16:38	238,43
18/12/17	07:34	121,59	12:06:41,61	24,7	217,11	16:39	238,39
19/12/17	07:34	121,63	12:07:11,31	24,68	217,32	16:39	238,36
20/12/17	07:35	121,65	12:07:41,13	24,67	217,45	16:40	238,35
21/12/17	07:35	121,66	12:08:11,01	24,66	217,51	16:40	238,34
Solstizio d'inverno 21 dicembre 2017 alle ore 17h 27m locali							
22/12/17	07:36	121,66	12:08:40,92	24,66	217,49	16:41	238,35
23/12/17	07:36	121,64	12:09:10,83	24,67	217,39	16:41	238,36
24/12/17	07:37	121,62	12:09:40,70	24,69	217,21	16:42	238,39
25/12/17	07:37	121,59	12:10:10,48	24,72	216,96	16:42	238,43
26/12/17	07:37	121,54	12:10:40,15	24,75	216,62	16:43	238,48
27/12/17	07:38	121,48	12:11:09,68	24,79	216,21	16:44	238,54
28/12/17	07:38	121,41	12:11:39,02	24,84	215,73	16:44	238,62
29/12/17	07:38	121,33	12:12:08,14	24,9	215,17	16:45	238,7
30/12/17	07:38	121,24	12:12:37,02	24,96	214,54	16:46	238,8
31/12/17	07:39	121,14	12:13:05,62	25,03	213,83	16:47	238,9

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01/01/18	07:39	121,03	12:13:33,93	25,11	213,06	16:48	239,02
02/01/18	07:39	120,9	12:14:01,90	25,2	212,21	16:48	239,15
03/01/18	07:39	120,77	12:14:29,53	25,3	211,3	16:49	239,29
04/01/18	07:39	120,62	12:14:56,77	25,4	210,33	16:50	239,44
05/01/18	07:39	120,46	12:15:23,62	25,51	209,29	16:51	239,6
06/01/18	07:39	120,3	12:15:50,04	25,63	208,19	16:52	239,77
07/01/18	07:39	120,12	12:16:16,02	25,75	207,03	16:53	239,95
08/01/18	07:38	119,93	12:16:41,51	25,89	205,81	16:54	240,15
09/01/18	07:38	119,73	12:17:06,51	26,03	204,54	16:55	240,35
10/01/18	07:38	119,52	12:17:30,98	26,17	203,22	16:56	240,56
11/01/18	07:38	119,3	12:17:54,90	26,33	201,85	16:57	240,78
12/01/18	07:37	119,08	12:18:18,24	26,49	200,43	16:59	241,02
13/01/18	07:37	118,84	12:18:40,99	26,66	198,97	17:00	241,26
14/01/18	07:37	118,59	12:19:03,11	26,83	197,47	17:01	241,51
15/01/18	07:36	118,33	12:19:24,58	27,01	195,92	17:02	241,77
16/01/18	07:36	118,07	12:19:45,39	27,2	194,34	17:03	242,04
17/01/18	07:35	117,79	12:20:05,50	27,4	192,73	17:04	242,32
18/01/18	07:35	117,51	12:20:24,91	27,6	191,08	17:05	242,61
19/01/18	07:34	117,21	12:20:43,59	27,81	189,4	17:07	242,91
20/01/18	07:34	116,91	12:21:01,52	28,02	187,7	17:08	243,21
21/01/18	07:33	116,6	12:21:18,69	28,24	185,97	17:09	243,53
22/01/18	07:32	116,28	12:21:35,08	28,47	184,22	17:10	243,85
23/01/18	07:32	115,95	12:21:50,69	28,7	182,44	17:12	244,18
24/01/18	07:31	115,62	12:22:05,49	28,94	180,65	17:13	244,52
25/01/18	07:30	115,28	12:22:19,48	29,19	178,85	17:14	244,86
26/01/18	07:29	114,93	12:22:32,66	29,44	177,03	17:15	245,22
27/01/18	07:28	114,57	12:22:45,01	29,69	175,19	17:17	245,58
28/01/18	07:27	114,2	12:22:56,53	29,96	173,35	17:18	245,95
29/01/18	07:27	113,83	12:23:07,23	30,22	171,5	17:19	246,32
30/01/18	07:26	113,45	12:23:17,10	30,5	169,64	17:20	246,71
31/01/18	07:25	113,07	12:23:26,15	30,77	167,78	17:22	247,09
01/02/18	07:24	112,68	12:23:34,38	31,06	165,91	17:23	247,49
02/02/18	07:23	112,28	12:23:41,80	31,35	164,04	17:24	247,89
03/02/18	07:22	111,87	12:23:48,42	31,64	162,17	17:26	248,3
04/02/18	07:20	111,46	12:23:54,24	31,94	160,31	17:27	248,71
05/02/18	07:19	111,04	12:23:59,26	32,24	158,44	17:28	249,13
06/02/18	07:18	110,62	12:24:03,50	32,54	156,58	17:29	249,56
07/02/18	07:17	110,19	12:24:06,95	32,86	154,72	17:31	249,99
08/02/18	07:16	109,76	12:24:09,63	33,17	152,87	17:32	250,43
09/02/18	07:15	109,32	12:24:11,54	33,49	151,02	17:33	250,87
10/02/18	07:13	108,88	12:24:12,69	33,81	149,19	17:35	251,32
11/02/18	07:12	108,43	12:24:13,07	34,14	147,36	17:36	251,77
12/02/18	07:11	107,97	12:24:12,71	34,47	145,54	17:37	252,23
13/02/18	07:09	107,51	12:24:11,60	34,81	143,73	17:38	252,69
14/02/18	07:08	107,05	12:24:09,76	35,15	141,93	17:40	253,15
15/02/18	07:07	106,58	12:24:07,19	35,49	140,15	17:41	253,62
16/02/18	07:05	106,11	12:24:03,90	35,84	138,37	17:42	254,1
17/02/18	07:04	105,64	12:23:59,90	36,19	136,61	17:44	254,57
18/02/18	07:03	105,16	12:23:55,20	36,54	134,87	17:45	255,06
19/02/18	07:01	104,68	12:23:49,80	36,89	133,13	17:46	255,54
20/02/18	07:00	104,19	12:23:43,72	37,25	131,42	17:47	256,03
21/02/18	06:58	103,7	12:23:36,98	37,61	129,71	17:49	256,52
22/02/18	06:57	103,21	12:23:29,58	37,98	128,02	17:50	257,02

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23/02/18	06:55	102,71	12:23:21,53	38,34	126,35	17:51	257,52
24/02/18	06:54	102,21	12:23:12,86	38,71	124,7	17:52	258,02
25/02/18	06:52	101,71	12:23:03,58	39,08	123,05	17:53	258,52
26/02/18	06:51	101,21	12:22:53,71	39,46	121,43	17:55	259,03
27/02/18	06:49	100,7	12:22:43,26	39,83	119,82	17:56	259,54
28/02/18	06:48	100,19	12:22:32,27	40,21	118,23	17:57	260,05
01/03/18	06:46	99,68	12:22:20,74	40,59	116,66	17:58	260,56
02/03/18	06:44	99,16	12:22:08,71	40,97	115,1	17:59	261,08
03/03/18	06:43	98,65	12:21:56,20	41,35	113,56	18:01	261,59
04/03/18	06:41	98,13	12:21:43,23	41,74	112,04	18:02	262,11
05/03/18	06:40	97,61	12:21:29,82	42,12	110,53	18:03	262,63
06/03/18	06:38	97,09	12:21:16,00	42,51	109,04	18:04	263,16
07/03/18	06:36	96,57	12:21:01,79	42,9	107,57	18:05	263,68
08/03/18	06:35	96,05	12:20:47,20	43,29	106,11	18:07	264,21
09/03/18	06:33	95,52	12:20:32,26	43,68	104,68	18:08	264,73
10/03/18	06:31	94,99	12:20:16,99	44,07	103,25	18:09	265,26
11/03/18	06:30	94,47	12:20:01,40	44,46	101,85	18:10	265,79
12/03/18	06:28	93,94	12:19:45,52	44,85	100,46	18:11	266,32
13/03/18	06:26	93,41	12:19:29,36	45,25	99,09	18:12	266,85
14/03/18	06:25	92,88	12:19:12,95	45,64	97,74	18:13	267,38
15/03/18	06:23	92,35	12:18:56,29	46,04	96,4	18:15	267,91
16/03/18	06:21	91,82	12:18:39,41	46,43	95,08	18:16	268,44
17/03/18	06:20	91,29	12:18:22,33	46,83	93,77	18:17	268,97
18/03/18	06:18	90,76	12:18:05,06	47,22	92,48	18:18	269,51
19/03/18	06:16	90,23	12:17:47,62	47,62	91,21	18:19	270,04
20/03/18	06:14	89,7	12:17:30,02	48,01	89,96	18:20	270,57
Equinozio di primavera 20 marzo 2018 alle ore 17h 14m locali							
21/03/18	06:13	89,17	12:17:12,29	48,41	88,72	18:21	271,1
22/03/18	06:11	88,64	12:16:54,43	48,8	87,49	18:23	271,63
23/03/18	06:09	88,11	12:16:36,47	49,2	86,29	18:24	272,16
24/03/18	06:08	87,58	12:16:18,42	49,59	85,09	18:25	272,69
25/03/18	06:06	87,05	12:16:00,31	49,99	83,92	18:26	273,22
26/03/18	06:04	86,52	12:15:42,16	50,38	82,76	18:27	273,75
27/03/18	06:02	86	12:15:23,98	50,77	81,61	18:28	274,28
28/03/18	06:01	85,47	12:15:05,80	51,16	80,48	18:29	274,8
29/03/18	05:59	84,95	12:14:47,64	51,55	79,37	18:30	275,33
30/03/18	05:57	84,42	12:14:29,52	51,94	78,27	18:31	275,85
31/03/18	05:56	83,9	12:14:11,48	52,33	77,19	18:32	276,37
01/04/18	05:54	83,38	12:13:53,53	52,71	76,12	18:34	276,89
02/04/18	05:52	82,86	12:13:35,70	53,1	75,06	18:35	277,41
03/04/18	05:51	82,34	12:13:18,00	53,48	74,02	18:36	277,93
04/04/18	05:49	81,83	12:13:00,47	53,86	73	18:37	278,45
05/04/18	05:47	81,32	12:12:43,12	54,24	71,98	18:38	278,96
06/04/18	05:46	80,8	12:12:25,97	54,62	70,99	18:39	279,47
07/04/18	05:44	80,29	12:12:09,04	55	70	18:40	279,98
08/04/18	05:42	79,79	12:11:52,35	55,37	69,03	18:41	280,49
09/04/18	05:41	79,28	12:11:35,92	55,74	68,08	18:42	280,99
10/04/18	05:39	78,78	12:11:19,76	56,11	67,14	18:44	281,49
11/04/18	05:37	78,28	12:11:03,90	56,48	66,21	18:45	281,99
12/04/18	05:36	77,78	12:10:48,33	56,85	65,29	18:46	282,49
13/04/18	05:34	77,29	12:10:33,09	57,21	64,39	18:47	282,98
14/04/18	05:32	76,8	12:10:18,19	57,57	63,51	18:48	283,48
15/04/18	05:31	76,31	12:10:03,62	57,93	62,63	18:49	283,96

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16/04/18	05:29	75,82	12:09:49,42	58,29	61,77	18:50	284,45
17/04/18	05:28	75,34	12:09:35,59	58,64	60,92	18:51	284,93
18/04/18	05:26	74,86	12:09:22,13	58,99	60,09	18:52	285,41
19/04/18	05:25	74,38	12:09:09,06	59,34	59,27	18:53	285,88
20/04/18	05:23	73,91	12:08:56,39	59,68	58,46	18:55	286,35
21/04/18	05:22	73,45	12:08:44,13	60,02	57,67	18:56	286,82
22/04/18	05:20	72,98	12:08:32,29	60,36	56,89	18:57	287,28
23/04/18	05:19	72,52	12:08:20,88	60,69	56,12	18:58	287,74
24/04/18	05:17	72,07	12:08:09,91	61,02	55,36	18:59	288,19
25/04/18	05:16	71,61	12:07:59,39	61,35	54,62	19:00	288,64
26/04/18	05:14	71,17	12:07:49,35	61,67	53,89	19:01	289,09
27/04/18	05:13	70,72	12:07:39,79	61,99	53,17	19:02	289,53
28/04/18	05:11	70,29	12:07:30,72	62,31	52,47	19:03	289,96
29/04/18	05:10	69,85	12:07:22,16	62,62	51,78	19:04	290,39
30/04/18	05:09	69,43	12:07:14,12	62,93	51,1	19:06	290,82
01/05/18	05:07	69	12:07:06,62	63,23	50,43	19:07	291,24
02/05/18	05:06	68,59	12:06:59,65	63,53	49,78	19:08	291,66
03/05/18	05:05	68,17	12:06:53,24	63,83	49,14	19:09	292,07
04/05/18	05:03	67,77	12:06:47,40	64,12	48,51	19:10	292,47
05/05/18	05:02	67,36	12:06:42,12	64,4	47,89	19:11	292,87
06/05/18	05:01	66,97	12:06:37,41	64,68	47,29	19:12	293,26
07/05/18	05:00	66,58	12:06:33,29	64,96	46,7	19:13	293,65
08/05/18	04:59	66,19	12:06:29,75	65,23	46,12	19:14	294,03
09/05/18	04:57	65,81	12:06:26,80	65,5	45,55	19:15	294,41
10/05/18	04:56	65,44	12:06:24,43	65,77	45	19:16	294,78
11/05/18	04:55	65,08	12:06:22,66	66,02	44,46	19:17	295,14
12/05/18	04:54	64,72	12:06:21,47	66,28	43,93	19:18	295,49
13/05/18	04:53	64,37	12:06:20,87	66,53	43,41	19:19	295,84
14/05/18	04:52	64,02	12:06:20,85	66,77	42,91	19:20	296,19
15/05/18	04:51	63,68	12:06:21,40	67,01	42,42	19:21	296,52
16/05/18	04:50	63,35	12:06:22,52	67,24	41,94	19:22	296,85
17/05/18	04:49	63,02	12:06:24,20	67,47	41,48	19:23	297,17
18/05/18	04:48	62,71	12:06:26,42	67,69	41,03	19:24	297,48
19/05/18	04:47	62,4	12:06:29,18	67,9	40,59	19:25	297,79
20/05/18	04:46	62,09	12:06:32,47	68,11	40,16	19:26	298,09
21/05/18	04:45	61,8	12:06:36,28	68,32	39,74	19:27	298,38
22/05/18	04:45	61,51	12:06:40,59	68,52	39,34	19:28	298,66
23/05/18	04:44	61,23	12:06:45,41	68,71	38,96	19:29	298,94
24/05/18	04:43	60,96	12:06:50,72	68,9	38,58	19:30	299,2
25/05/18	04:42	60,7	12:06:56,52	69,08	38,22	19:31	299,46
26/05/18	04:42	60,44	12:07:02,79	69,25	37,87	19:32	299,71
27/05/18	04:41	60,2	12:07:09,53	69,42	37,53	19:33	299,95
28/05/18	04:40	59,96	12:07:16,73	69,59	37,21	19:34	300,18
29/05/18	04:40	59,73	12:07:24,39	69,74	36,9	19:34	300,41
30/05/18	04:39	59,51	12:07:32,48	69,89	36,6	19:35	300,62
31/05/18	04:39	59,3	12:07:41,00	70,04	36,31	19:36	300,83
01/06/18	04:38	59,1	12:07:49,93	70,17	36,04	19:37	301,03
02/06/18	04:38	58,9	12:07:59,27	70,31	35,78	19:37	301,21
03/06/18	04:37	58,72	12:08:09,00	70,43	35,54	19:38	301,39
04/06/18	04:37	58,54	12:08:19,10	70,55	35,31	19:39	301,56
05/06/18	04:37	58,38	12:08:29,56	70,66	35,09	19:40	301,72
06/06/18	04:36	58,22	12:08:40,36	70,77	34,88	19:40	301,87
07/06/18	04:36	58,07	12:08:51,48	70,86	34,69	19:41	302,01

2017-2020 IMCCE P=0 - SMA P=1 atm

08/06/18	04:36	57,94	12:09:02,90	70,96	34,51	19:41	302,14
09/06/18	04:36	57,81	12:09:14,60	71,04	34,34	19:42	302,27
10/06/18	04:35	57,69	12:09:26,57	71,12	34,19	19:43	302,38
11/06/18	04:35	57,58	12:09:38,77	71,19	34,05	19:43	302,48
12/06/18	04:35	57,48	12:09:51,18	71,26	33,92	19:44	302,57
13/06/18	04:35	57,4	12:10:03,78	71,31	33,81	19:44	302,65
14/06/18	04:35	57,32	12:10:16,53	71,37	33,71	19:45	302,73
15/06/18	04:35	57,25	12:10:29,41	71,41	33,62	19:45	302,79
16/06/18	04:35	57,19	12:10:42,39	71,45	33,55	19:45	302,84
17/06/18	04:35	57,14	12:10:55,44	71,48	33,49	19:46	302,88
18/06/18	04:35	57,1	12:11:08,53	71,5	33,45	19:46	302,91
19/06/18	04:35	57,08	12:11:21,64	71,52	33,41	19:46	302,94
20/06/18	04:36	57,06	12:11:34,74	71,53	33,39	19:47	302,95
Solstizio d'estate 21 giugno 2018 alle ore 12h 07m ora legale							
21/06/18	04:36	57,05	12:11:47,81	71,53	33,39	19:47	302,95
22/06/18	04:36	57,05	12:12:00,82	71,53	33,39	19:47	302,94
23/06/18	04:36	57,07	12:12:13,76	71,52	33,41	19:47	302,92
24/06/18	04:37	57,09	12:12:26,60	71,5	33,45	19:47	302,89
25/06/18	04:37	57,12	12:12:39,33	71,48	33,5	19:47	302,85
26/06/18	04:37	57,16	12:12:51,92	71,44	33,56	19:47	302,8
27/06/18	04:38	57,22	12:13:04,35	71,41	33,63	19:47	302,75
28/06/18	04:38	57,28	12:13:16,60	71,36	33,72	19:47	302,68
29/06/18	04:38	57,35	12:13:28,66	71,31	33,82	19:47	302,6
30/06/18	04:39	57,43	12:13:40,51	71,25	33,93	19:47	302,51
01/07/18	04:39	57,53	12:13:52,12	71,19	34,06	19:47	302,41
02/07/18	04:40	57,63	12:14:03,48	71,11	34,2	19:47	302,3
03/07/18	04:40	57,74	12:14:14,57	71,04	34,35	19:47	302,18
04/07/18	04:41	57,86	12:14:25,37	70,95	34,52	19:47	302,06
05/07/18	04:42	57,99	12:14:35,86	70,86	34,7	19:46	301,92
06/07/18	04:42	58,14	12:14:46,03	70,76	34,89	19:46	301,77
07/07/18	04:43	58,29	12:14:55,86	70,65	35,1	19:46	301,62
08/07/18	04:44	58,45	12:15:05,33	70,54	35,32	19:45	301,45
09/07/18	04:44	58,61	12:15:14,41	70,42	35,55	19:45	301,28
10/07/18	04:45	58,79	12:15:23,10	70,3	35,79	19:44	301,09
11/07/18	04:46	58,98	12:15:31,37	70,17	36,05	19:44	300,9
12/07/18	04:46	59,18	12:15:39,19	70,03	36,32	19:44	300,7
13/07/18	04:47	59,38	12:15:46,56	69,89	36,61	19:43	300,49
14/07/18	04:48	59,6	12:15:53,44	69,74	36,9	19:42	300,27
15/07/18	04:49	59,82	12:15:59,83	69,58	37,21	19:42	300,04
16/07/18	04:50	60,05	12:16:05,69	69,42	37,53	19:41	299,8
17/07/18	04:50	60,29	12:16:11,01	69,25	37,87	19:41	299,56
18/07/18	04:51	60,54	12:16:15,79	69,08	38,22	19:40	299,3
19/07/18	04:52	60,79	12:16:20,00	68,9	38,58	19:39	299,04
20/07/18	04:53	61,06	12:16:23,64	68,71	38,95	19:38	298,77
21/07/18	04:54	61,33	12:16:26,70	68,52	39,33	19:38	298,5
22/07/18	04:55	61,61	12:16:29,18	68,33	39,73	19:37	298,21
23/07/18	04:56	61,9	12:16:31,06	68,12	40,14	19:36	297,92
24/07/18	04:57	62,2	12:16:32,34	67,91	40,56	19:35	297,62
25/07/18	04:58	62,5	12:16:33,03	67,7	41	19:34	297,31
26/07/18	04:58	62,81	12:16:33,12	67,48	41,45	19:33	297
27/07/18	04:59	63,13	12:16:32,60	67,26	41,91	19:32	296,68
28/07/18	05:00	63,45	12:16:31,48	67,03	42,38	19:31	296,35
29/07/18	05:01	63,78	12:16:29,76	66,79	42,86	19:30	296,02

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30/07/18	05:02	64,12	12:16:27,43	66,55	43,36	19:29	295,67
31/07/18	05:03	64,47	12:16:24,51	66,31	43,87	19:28	295,32
01/08/18	05:04	64,82	12:16:20,99	66,06	44,39	19:27	294,97
02/08/18	05:05	65,17	12:16:16,88	65,8	44,92	19:26	294,61
03/08/18	05:06	65,54	12:16:12,18	65,54	45,47	19:24	294,24
04/08/18	05:07	65,91	12:16:06,89	65,28	46,03	19:23	293,87
05/08/18	05:08	66,29	12:16:01,02	65,01	46,6	19:22	293,49
06/08/18	05:09	66,67	12:15:54,58	64,73	47,18	19:21	293,1
07/08/18	05:10	67,06	12:15:47,55	64,46	47,78	19:20	292,71
08/08/18	05:11	67,45	12:15:39,96	64,17	48,38	19:18	292,32
09/08/18	05:12	67,85	12:15:31,80	63,89	49	19:17	291,91
10/08/18	05:13	68,25	12:15:23,06	63,6	49,63	19:16	291,51
11/08/18	05:14	68,66	12:15:13,76	63,3	50,28	19:14	291,1
12/08/18	05:16	69,08	12:15:03,90	63	50,93	19:13	290,68
13/08/18	05:17	69,5	12:14:53,47	62,7	51,6	19:12	290,26
14/08/18	05:18	69,92	12:14:42,48	62,39	52,28	19:10	289,83
15/08/18	05:19	70,35	12:14:30,93	62,08	52,98	19:09	289,4
16/08/18	05:20	70,79	12:14:18,84	61,76	53,68	19:07	288,96
17/08/18	05:21	71,22	12:14:06,21	61,45	54,4	19:06	288,52
18/08/18	05:22	71,67	12:13:53,05	61,12	55,13	19:04	288,08
19/08/18	05:23	72,11	12:13:39,38	60,8	55,87	19:03	287,63
20/08/18	05:24	72,57	12:13:25,20	60,47	56,62	19:01	287,18
21/08/18	05:25	73,02	12:13:10,54	60,14	57,39	19:00	286,72
22/08/18	05:26	73,48	12:12:55,40	59,8	58,17	18:58	286,26
23/08/18	05:27	73,94	12:12:39,80	59,47	58,96	18:57	285,8
24/08/18	05:28	74,41	12:12:23,76	59,13	59,77	18:55	285,33
25/08/18	05:29	74,88	12:12:07,29	58,78	60,58	18:54	284,86
26/08/18	05:30	75,35	12:11:50,41	58,44	61,41	18:52	284,38
27/08/18	05:31	75,83	12:11:33,14	58,09	62,26	18:50	283,91
28/08/18	05:32	76,31	12:11:15,50	57,73	63,11	18:49	283,43
29/08/18	05:33	76,79	12:10:57,51	57,38	63,98	18:47	282,94
30/08/18	05:34	77,27	12:10:39,18	57,02	64,86	18:45	282,46
31/08/18	05:35	77,76	12:10:20,54	56,66	65,76	18:44	281,97
01/09/18	05:36	78,25	12:10:01,60	56,3	66,66	18:42	281,48
02/09/18	05:37	78,75	12:09:42,38	55,94	67,58	18:40	280,98
03/09/18	05:38	79,24	12:09:22,91	55,57	68,52	18:39	280,49
04/09/18	05:39	79,74	12:09:03,20	55,2	69,47	18:37	279,99
05/09/18	05:40	80,24	12:08:43,26	54,83	70,43	18:35	279,49
06/09/18	05:41	80,75	12:08:23,12	54,46	71,4	18:34	278,98
07/09/18	05:42	81,25	12:08:02,78	54,09	72,39	18:32	278,48
08/09/18	05:43	81,76	12:07:42,27	53,71	73,39	18:30	277,97
09/09/18	05:44	82,27	12:07:21,59	53,34	74,41	18:29	277,46
10/09/18	05:45	82,78	12:07:00,76	52,96	75,44	18:27	276,95
11/09/18	05:46	83,29	12:06:39,80	52,58	76,49	18:25	276,44
12/09/18	05:48	83,8	12:06:18,72	52,2	77,55	18:23	275,93
13/09/18	05:49	84,32	12:05:57,53	51,81	78,62	18:22	275,41
14/09/18	05:50	84,83	12:05:36,25	51,43	79,71	18:20	274,9
15/09/18	05:51	85,35	12:05:14,91	51,05	80,81	18:18	274,38
16/09/18	05:52	85,87	12:04:53,51	50,66	81,93	18:16	273,86
17/09/18	05:53	86,39	12:04:32,08	50,28	83,06	18:15	273,34
18/09/18	05:54	86,91	12:04:10,64	49,89	84,2	18:13	272,82
19/09/18	05:55	87,43	12:03:49,21	49,5	85,37	18:11	272,3
20/09/18	05:56	87,95	12:03:27,82	49,11	86,54	18:09	271,78

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21/09/18	05:57	88,48	12:03:06,47	48,73	87,74	18:08	271,26
22/09/18	05:58	89	12:02:45,21	48,34	88,94	18:06	270,74
Equinozio d'autunno 23 settembre 2018 alle ore 03h 53m ora legale							
23/09/18	05:59	89,52	12:02:24,04	47,95	90,17	18:04	270,21
24/09/18	06:00	90,05	12:02:03,00	47,56	91,4	18:02	269,69
25/09/18	06:01	90,57	12:01:42,10	47,17	92,66	18:01	269,17
26/09/18	06:02	91,09	12:01:21,37	46,78	93,93	17:59	268,65
27/09/18	06:03	91,62	12:01:00,84	46,39	95,21	17:57	268,13
28/09/18	06:04	92,14	12:00:40,53	46	96,52	17:56	267,6
29/09/18	06:05	92,66	12:00:20,45	45,61	97,83	17:54	267,08
30/09/18	06:06	93,18	12:00:00,65	45,23	99,17	17:52	266,56
01/10/18	06:07	93,71	11:59:41,13	44,84	100,52	17:50	266,04
02/10/18	06:08	94,23	11:59:21,92	44,45	101,89	17:49	265,52
03/10/18	06:10	94,75	11:59:03,05	44,06	103,27	17:47	265
04/10/18	06:11	95,27	11:58:44,52	43,68	104,67	17:45	264,48
05/10/18	06:12	95,79	11:58:26,37	43,29	106,09	17:44	263,97
06/10/18	06:13	96,3	11:58:08,60	42,91	107,52	17:42	263,45
07/10/18	06:14	96,82	11:57:51,23	42,53	108,97	17:40	262,93
08/10/18	06:15	97,34	11:57:34,29	42,14	110,44	17:39	262,42
09/10/18	06:16	97,85	11:57:17,77	41,76	111,93	17:37	261,91
10/10/18	06:17	98,36	11:57:01,71	41,38	113,43	17:35	261,4
11/10/18	06:18	98,87	11:56:46,11	41,01	114,94	17:34	260,89
12/10/18	06:19	99,38	11:56:30,99	40,63	116,48	17:32	260,38
13/10/18	06:21	99,89	11:56:16,36	40,26	118,03	17:30	259,88
14/10/18	06:22	100,39	11:56:02,24	39,88	119,6	17:29	259,37
15/10/18	06:23	100,89	11:55:48,65	39,51	121,18	17:27	258,87
16/10/18	06:24	101,39	11:55:35,61	39,15	122,78	17:26	258,38
17/10/18	06:25	101,89	11:55:23,12	38,78	124,39	17:24	257,88
18/10/18	06:26	102,39	11:55:11,22	38,42	126,03	17:22	257,39
19/10/18	06:27	102,88	11:54:59,92	38,05	127,67	17:21	256,9
20/10/18	06:29	103,37	11:54:49,23	37,69	129,33	17:19	256,41
21/10/18	06:30	103,85	11:54:39,17	37,34	131,01	17:18	255,93
22/10/18	06:31	104,34	11:54:29,76	36,98	132,7	17:16	255,45
23/10/18	06:32	104,82	11:54:21,02	36,63	134,41	17:15	254,97
24/10/18	06:33	105,29	11:54:12,97	36,28	136,13	17:14	254,5
25/10/18	06:35	105,77	11:54:05,63	35,94	137,86	17:12	254,03
26/10/18	06:36	106,23	11:53:59,00	35,6	139,6	17:11	253,56
27/10/18	06:37	106,7	11:53:53,12	35,26	141,36	17:09	253,1
28/10/18	06:38	107,16	11:53:48,00	34,92	143,13	17:08	252,64
29/10/18	06:39	107,62	11:53:43,65	34,59	144,92	17:07	252,19
30/10/18	06:41	108,07	11:53:40,08	34,26	146,71	17:05	251,74
31/10/18	06:42	108,52	11:53:37,31	33,94	148,51	17:04	251,29
01/11/18	06:43	108,96	11:53:35,36	33,61	150,32	17:03	250,85
02/11/18	06:44	109,4	11:53:34,22	33,3	152,14	17:01	250,41
03/11/18	06:45	109,83	11:53:33,91	32,98	153,97	17:00	249,98
04/11/18	06:47	110,26	11:53:34,44	32,67	155,81	16:59	249,56
05/11/18	06:48	110,69	11:53:35,80	32,37	157,65	16:58	249,14
06/11/18	06:49	111,1	11:53:38,00	32,07	159,49	16:57	248,72
07/11/18	06:50	111,52	11:53:41,04	31,77	161,34	16:56	248,31
08/11/18	06:52	111,92	11:53:44,93	31,48	163,19	16:54	247,91
09/11/18	06:53	112,33	11:53:49,65	31,19	165,04	16:53	247,51
10/11/18	06:54	112,72	11:53:55,22	30,91	166,89	16:52	247,12
11/11/18	06:55	113,11	11:54:01,62	30,63	168,74	16:51	246,73

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12/11/18	06:57	113,49	11:54:08,86	30,36	170,58	16:50	246,35
13/11/18	06:58	113,87	11:54:16,94	30,09	172,42	16:49	245,98
14/11/18	06:59	114,23	11:54:25,85	29,83	174,25	16:48	245,62
15/11/18	07:00	114,6	11:54:35,58	29,57	176,08	16:48	245,26
16/11/18	07:01	114,95	11:54:46,15	29,32	177,89	16:47	244,91
17/11/18	07:03	115,3	11:54:57,53	29,07	179,69	16:46	244,56
18/11/18	07:04	115,64	11:55:09,74	28,83	181,47	16:45	244,23
19/11/18	07:05	115,97	11:55:22,75	28,6	183,24	16:44	243,9
20/11/18	07:06	116,29	11:55:36,57	28,37	184,99	16:44	243,58
21/11/18	07:07	116,61	11:55:51,20	28,15	186,72	16:43	243,27
22/11/18	07:09	116,92	11:56:06,61	27,93	188,42	16:42	242,96
23/11/18	07:10	117,22	11:56:22,82	27,72	190,1	16:42	242,67
24/11/18	07:11	117,51	11:56:39,81	27,52	191,75	16:41	242,38
25/11/18	07:12	117,79	11:56:57,57	27,32	193,38	16:40	242,1
26/11/18	07:13	118,07	11:57:16,09	27,13	194,97	16:40	241,83
27/11/18	07:14	118,33	11:57:35,37	26,94	196,52	16:39	241,57
28/11/18	07:16	118,59	11:57:55,38	26,76	198,04	16:39	241,32
29/11/18	07:17	118,83	11:58:16,12	26,59	199,52	16:39	241,07
30/11/18	07:18	119,07	11:58:37,56	26,43	200,96	16:38	240,84
01/12/18	07:19	119,3	11:58:59,69	26,27	202,35	16:38	240,62
02/12/18	07:20	119,52	11:59:22,49	26,12	203,7	16:38	240,4
03/12/18	07:21	119,72	11:59:45,93	25,98	205	16:37	240,2
04/12/18	07:22	119,92	12:00:09,98	25,84	206,24	16:37	240
05/12/18	07:23	120,11	12:00:34,61	25,71	207,43	16:37	239,82
06/12/18	07:24	120,29	12:00:59,81	25,59	208,57	16:37	239,65
07/12/18	07:25	120,46	12:01:25,53	25,47	209,64	16:37	239,48
08/12/18	07:26	120,61	12:01:51,75	25,37	210,66	16:37	239,33
09/12/18	07:27	120,76	12:02:18,43	25,27	211,61	16:37	239,19
10/12/18	07:27	120,89	12:02:45,55	25,17	212,5	16:37	239,06
11/12/18	07:28	121,02	12:03:13,06	25,09	213,32	16:37	238,94
12/12/18	07:29	121,13	12:03:40,94	25,01	214,07	16:37	238,83
13/12/18	07:30	121,24	12:04:09,16	24,94	214,75	16:37	238,73
14/12/18	07:31	121,33	12:04:37,68	24,88	215,36	16:37	238,64
15/12/18	07:31	121,41	12:05:06,46	24,82	215,9	16:38	238,56
16/12/18	07:32	121,48	12:05:35,48	24,78	216,36	16:38	238,5
17/12/18	07:33	121,54	12:06:04,70	24,74	216,74	16:38	238,44
18/12/18	07:33	121,58	12:06:34,09	24,71	217,05	16:39	238,4
19/12/18	07:34	121,62	12:07:03,62	24,68	217,28	16:39	238,37
20/12/18	07:35	121,64	12:07:33,25	24,67	217,44	16:39	238,35
21/12/18	07:35	121,66	12:08:02,96	24,66	217,51	16:40	238,34
Solstizio d'inverno 21 dicembre 2018 alle ore 23h22m locali							
22/12/18	07:36	121,66	12:08:32,71	24,66	217,51	16:40	238,34
23/12/18	07:36	121,65	12:09:02,48	24,67	217,43	16:41	238,36
24/12/18	07:37	121,63	12:09:32,23	24,69	217,27	16:42	238,38
25/12/18	07:37	121,6	12:10:01,94	24,71	217,03	16:42	238,42
26/12/18	07:37	121,55	12:10:31,59	24,74	216,72	16:43	238,47
27/12/18	07:38	121,5	12:11:01,13	24,78	216,33	16:43	238,53
28/12/18	07:38	121,43	12:11:30,53	24,83	215,86	16:44	238,6
29/12/18	07:38	121,35	12:11:59,78	24,88	215,32	16:45	238,68
30/12/18	07:38	121,27	12:12:28,83	24,95	214,7	16:46	238,77
31/12/18	07:39	121,17	12:12:57,64	25,02	214,01	16:47	238,88
01/01/19	07:39	121,05	12:13:26,20	25,09	213,26	16:47	238,99
02/01/19	07:39	120,93	12:13:54,45	25,18	212,43	16:48	239,12

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03/01/19	07:39	120,8	12:14:22,37	25,27	211,53	16:49	239,25
04/01/19	07:39	120,66	12:14:49,93	25,37	210,57	16:50	239,4
05/01/19	07:39	120,5	12:15:17,08	25,48	209,55	16:51	239,56
06/01/19	07:39	120,34	12:15:43,81	25,6	208,46	16:52	239,73
07/01/19	07:39	120,16	12:16:10,07	25,72	207,32	16:53	239,91
08/01/19	07:38	119,98	12:16:35,83	25,85	206,12	16:54	240,1
09/01/19	07:38	119,78	12:17:01,07	25,99	204,86	16:55	240,3
10/01/19	07:38	119,57	12:17:25,76	26,14	203,55	16:56	240,51
11/01/19	07:38	119,36	12:17:49,87	26,29	202,19	16:57	240,73
12/01/19	07:37	119,13	12:18:13,37	26,45	200,79	16:58	240,96
13/01/19	07:37	118,9	12:18:36,24	26,62	199,33	16:59	241,2
14/01/19	07:37	118,65	12:18:58,47	26,79	197,84	17:00	241,45
15/01/19	07:36	118,4	12:19:20,02	26,97	196,31	17:02	241,71
16/01/19	07:36	118,13	12:19:40,89	27,16	194,73	17:03	241,97
17/01/19	07:35	117,86	12:20:01,04	27,35	193,13	17:04	242,25
18/01/19	07:35	117,58	12:20:20,48	27,55	191,49	17:05	242,54
19/01/19	07:34	117,28	12:20:39,18	27,76	189,82	17:06	242,83
20/01/19	07:34	116,99	12:20:57,15	27,97	188,12	17:08	243,14
21/01/19	07:33	116,68	12:21:14,36	28,19	186,4	17:09	243,45
22/01/19	07:32	116,36	12:21:30,81	28,41	184,65	17:10	243,77
23/01/19	07:32	116,04	12:21:46,50	28,65	182,88	17:11	244,1
24/01/19	07:31	115,7	12:22:01,42	28,88	181,1	17:13	244,43
25/01/19	07:30	115,36	12:22:15,58	29,13	179,29	17:14	244,78
26/01/19	07:29	115,01	12:22:28,96	29,38	177,47	17:15	245,13
27/01/19	07:29	114,66	12:22:41,55	29,63	175,64	17:16	245,49
28/01/19	07:28	114,29	12:22:53,36	29,89	173,8	17:18	245,86
29/01/19	07:27	113,92	12:23:04,39	30,16	171,95	17:19	246,23
30/01/19	07:26	113,55	12:23:14,61	30,43	170,09	17:20	246,61
31/01/19	07:25	113,16	12:23:24,04	30,71	168,23	17:21	247
01/02/19	07:24	112,77	12:23:32,66	30,99	166,36	17:23	247,39
02/02/19	07:23	112,37	12:23:40,48	31,27	164,5	17:24	247,79
03/02/19	07:22	111,97	12:23:47,49	31,57	162,62	17:25	248,2
04/02/19	07:21	111,56	12:23:53,69	31,86	160,76	17:27	248,61
05/02/19	07:20	111,15	12:23:59,07	32,16	158,89	17:28	249,03
06/02/19	07:18	110,72	12:24:03,65	32,47	157,02	17:29	249,46
07/02/19	07:17	110,3	12:24:07,42	32,78	155,16	17:30	249,89
08/02/19	07:16	109,86	12:24:10,39	33,1	153,31	17:32	250,32
09/02/19	07:15	109,43	12:24:12,55	33,41	151,46	17:33	250,76
10/02/19	07:14	108,98	12:24:13,91	33,74	149,62	17:34	251,21
11/02/19	07:12	108,53	12:24:14,48	34,06	147,79	17:36	251,66
12/02/19	07:11	108,08	12:24:14,27	34,39	145,97	17:37	252,12
13/02/19	07:10	107,62	12:24:13,28	34,73	144,16	17:38	252,58
14/02/19	07:09	107,16	12:24:11,53	35,07	142,36	17:39	253,04
15/02/19	07:07	106,7	12:24:09,02	35,41	140,57	17:41	253,51
16/02/19	07:06	106,23	12:24:05,77	35,75	138,8	17:42	253,98
17/02/19	07:04	105,75	12:24:01,79	36,1	137,03	17:43	254,46
18/02/19	07:03	105,27	12:23:57,11	36,45	135,28	17:45	254,94
19/02/19	07:02	104,79	12:23:51,73	36,81	133,55	17:46	255,42
20/02/19	07:00	104,31	12:23:45,68	37,17	131,83	17:47	255,91
21/02/19	06:59	103,82	12:23:38,98	37,53	130,12	17:48	256,4
22/02/19	06:57	103,33	12:23:31,65	37,89	128,43	17:49	256,9
23/02/19	06:56	102,83	12:23:23,70	38,25	126,75	17:51	257,4
24/02/19	06:54	102,33	12:23:15,16	38,62	125,09	17:52	257,9

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25/02/19	06:53	101,83	12:23:06,04	38,99	123,45	17:53	258,4
26/02/19	06:51	101,33	12:22:56,37	39,37	121,82	17:54	258,91
27/02/19	06:50	100,82	12:22:46,15	39,74	120,21	17:56	259,41
28/02/19	06:48	100,31	12:22:35,41	40,12	118,61	17:57	259,92
01/03/19	06:46	99,8	12:22:24,16	40,5	117,04	17:58	260,44
02/03/19	06:45	99,29	12:22:12,41	40,88	115,47	17:59	260,95
03/03/19	06:43	98,77	12:22:00,18	41,26	113,93	18:00	261,47
04/03/19	06:42	98,26	12:21:47,50	41,64	112,4	18:02	261,99
05/03/19	06:40	97,74	12:21:34,36	42,03	110,89	18:03	262,51
06/03/19	06:38	97,22	12:21:20,80	42,42	109,39	18:04	263,03
07/03/19	06:37	96,69	12:21:06,82	42,8	107,92	18:05	263,56
08/03/19	06:35	96,17	12:20:52,45	43,19	106,46	18:06	264,08
09/03/19	06:33	95,64	12:20:37,69	43,58	105,01	18:07	264,61
10/03/19	06:32	95,12	12:20:22,57	43,98	103,59	18:09	265,14
11/03/19	06:30	94,59	12:20:07,10	44,37	102,18	18:10	265,66
12/03/19	06:28	94,06	12:19:51,30	44,76	100,79	18:11	266,19
13/03/19	06:27	93,54	12:19:35,19	45,16	99,41	18:12	266,72
14/03/19	06:25	93,01	12:19:18,79	45,55	98,05	18:13	267,25
15/03/19	06:23	92,48	12:19:02,11	45,94	96,71	18:14	267,79
16/03/19	06:22	91,95	12:18:45,18	46,34	95,39	18:16	268,32
17/03/19	06:20	91,42	12:18:28,02	46,73	94,08	18:17	268,85
18/03/19	06:18	90,89	12:18:10,65	47,13	92,79	18:18	269,38
19/03/19	06:17	90,35	12:17:53,09	47,53	91,51	18:19	269,91
20/03/19	06:15	89,82	12:17:35,37	47,92	90,25	18:20	270,44
Equinozio di primavera 20 marzo 2019 alle ore 22h 58m locali							
21/03/19	06:13	89,29	12:17:17,53	48,32	89,01	18:21	270,97
22/03/19	06:11	88,76	12:16:59,57	48,71	87,78	18:22	271,5
23/03/19	06:10	88,23	12:16:41,52	49,1	86,57	18:23	272,04
24/03/19	06:08	87,71	12:16:23,42	49,5	85,38	18:24	272,57
25/03/19	06:06	87,18	12:16:05,28	49,89	84,2	18:26	273,09
26/03/19	06:05	86,65	12:15:47,13	50,28	83,03	18:27	273,62
27/03/19	06:03	86,12	12:15:28,99	50,68	81,89	18:28	274,15
28/03/19	06:01	85,6	12:15:10,87	51,07	80,75	18:29	274,68
29/03/19	05:59	85,07	12:14:52,79	51,46	79,63	18:30	275,2
30/03/19	05:58	84,55	12:14:34,79	51,85	78,53	18:31	275,73
31/03/19	05:56	84,03	12:14:16,86	52,23	77,44	18:32	276,25
01/04/19	05:54	83,5	12:13:59,04	52,62	76,37	18:33	276,77
02/04/19	05:53	82,98	12:13:41,33	53,01	75,31	18:34	277,29
03/04/19	05:51	82,47	12:13:23,76	53,39	74,27	18:36	277,81
04/04/19	05:49	81,95	12:13:06,34	53,77	73,24	18:37	278,32
05/04/19	05:48	81,44	12:12:49,08	54,15	72,22	18:38	278,84
06/04/19	05:46	80,92	12:12:32,01	54,53	71,22	18:39	279,35
07/04/19	05:44	80,41	12:12:15,13	54,91	70,23	18:40	279,86
08/04/19	05:43	79,91	12:11:58,47	55,28	69,26	18:41	280,37
09/04/19	05:41	79,4	12:11:42,03	55,66	68,3	18:42	280,87
10/04/19	05:39	78,9	12:11:25,83	56,03	67,35	18:43	281,38
11/04/19	05:38	78,4	12:11:09,88	56,4	66,42	18:44	281,88
12/04/19	05:36	77,9	12:10:54,21	56,76	65,51	18:45	282,38
13/04/19	05:34	77,4	12:10:38,82	57,13	64,6	18:47	282,87
14/04/19	05:33	76,91	12:10:23,72	57,49	63,71	18:48	283,36
15/04/19	05:31	76,42	12:10:08,95	57,85	62,84	18:49	283,85
16/04/19	05:30	75,93	12:09:54,51	58,2	61,97	18:50	284,33
17/04/19	05:28	75,45	12:09:40,43	58,56	61,12	18:51	284,82

2017-2020 IMCCE P=0 - SMA P=1 atm

18/04/19	05:27	74,97	12:09:26,71	58,91	60,29	18:52	285,29
19/04/19	05:25	74,5	12:09:13,39	59,25	59,46	18:53	285,77
20/04/19	05:23	74,02	12:09:00,48	59,6	58,65	18:54	286,24
21/04/19	05:22	73,56	12:08:47,99	59,94	57,85	18:55	286,71
22/04/19	05:20	73,09	12:08:35,95	60,28	57,07	18:57	287,17
23/04/19	05:19	72,63	12:08:24,37	60,61	56,3	18:58	287,63
24/04/19	05:17	72,17	12:08:13,27	60,94	55,54	18:59	288,08
25/04/19	05:16	71,72	12:08:02,65	61,27	54,79	19:00	288,54
26/04/19	05:15	71,27	12:07:52,53	61,6	54,06	19:01	288,98
27/04/19	05:13	70,83	12:07:42,92	61,92	53,34	19:02	289,42
28/04/19	05:12	70,39	12:07:33,82	62,23	52,63	19:03	289,86
29/04/19	05:10	69,96	12:07:25,26	62,55	51,94	19:04	290,29
30/04/19	05:09	69,53	12:07:17,23	62,85	51,26	19:05	290,72
01/05/19	05:08	69,1	12:07:09,74	63,16	50,59	19:06	291,14
02/05/19	05:06	68,68	12:07:02,80	63,46	49,93	19:07	291,56
03/05/19	05:05	68,27	12:06:56,41	63,76	49,28	19:09	291,97
04/05/19	05:04	67,86	12:06:50,58	64,05	48,65	19:10	292,38
05/05/19	05:02	67,46	12:06:45,30	64,34	48,03	19:11	292,78
06/05/19	05:01	67,06	12:06:40,58	64,62	47,43	19:12	293,17
07/05/19	05:00	66,67	12:06:36,42	64,9	46,83	19:13	293,56
08/05/19	04:59	66,28	12:06:32,81	65,17	46,25	19:14	293,94
09/05/19	04:58	65,9	12:06:29,76	65,44	45,68	19:15	294,32
10/05/19	04:57	65,53	12:06:27,26	65,71	45,13	19:16	294,69
11/05/19	04:55	65,16	12:06:25,31	65,97	44,58	19:17	295,06
12/05/19	04:54	64,8	12:06:23,92	66,22	44,05	19:18	295,41
13/05/19	04:53	64,45	12:06:23,07	66,47	43,53	19:19	295,76
14/05/19	04:52	64,1	12:06:22,78	66,71	43,03	19:20	296,11
15/05/19	04:51	63,76	12:06:23,03	66,95	42,53	19:21	296,44
16/05/19	04:50	63,42	12:06:23,84	67,19	42,05	19:22	296,77
17/05/19	04:49	63,1	12:06:25,21	67,41	41,59	19:23	297,1
18/05/19	04:48	62,78	12:06:27,12	67,64	41,13	19:24	297,41
19/05/19	04:47	62,47	12:06:29,58	67,85	40,69	19:25	297,72
20/05/19	04:47	62,16	12:06:32,60	68,06	40,26	19:26	298,02
21/05/19	04:46	61,87	12:06:36,16	68,27	39,84	19:27	298,31
22/05/19	04:45	61,58	12:06:40,26	68,47	39,44	19:28	298,6
23/05/19	04:44	61,3	12:06:44,91	68,67	39,05	19:29	298,87
24/05/19	04:43	61,02	12:06:50,08	68,85	38,67	19:30	299,14
25/05/19	04:43	60,76	12:06:55,77	69,04	38,3	19:31	299,4
26/05/19	04:42	60,5	12:07:01,97	69,21	37,95	19:32	299,65
27/05/19	04:41	60,25	12:07:08,68	69,38	37,61	19:33	299,9
28/05/19	04:41	60,01	12:07:15,87	69,55	37,28	19:33	300,13
29/05/19	04:40	59,78	12:07:23,54	69,71	36,97	19:34	300,36
30/05/19	04:39	59,56	12:07:31,67	69,86	36,67	19:35	300,57
31/05/19	04:39	59,35	12:07:40,24	70	36,38	19:36	300,78
01/06/19	04:38	59,14	12:07:49,23	70,14	36,11	19:37	300,98
02/06/19	04:38	58,95	12:07:58,63	70,28	35,84	19:37	301,17
03/06/19	04:38	58,76	12:08:08,42	70,4	35,59	19:38	301,35
04/06/19	04:37	58,58	12:08:18,58	70,52	35,36	19:39	301,52
05/06/19	04:37	58,41	12:08:29,07	70,63	35,14	19:39	301,69
06/06/19	04:37	58,26	12:08:39,88	70,74	34,93	19:40	301,84
07/06/19	04:36	58,11	12:08:50,98	70,84	34,73	19:41	301,98
08/06/19	04:36	57,97	12:09:02,35	70,94	34,55	19:41	302,12
09/06/19	04:36	57,84	12:09:13,97	71,02	34,38	19:42	302,24

2017-2020 IMCCE P=0 - SMA P=1 atm

10/06/19	04:36	57,72	12:09:25,81	71,1	34,22	19:43	302,35
11/06/19	04:35	57,61	12:09:37,85	71,18	34,08	19:43	302,46
12/06/19	04:35	57,51	12:09:50,08	71,24	33,95	19:44	302,55
13/06/19	04:35	57,42	12:10:02,46	71,3	33,83	19:44	302,64
14/06/19	04:35	57,33	12:10:15,00	71,35	33,73	19:45	302,71
15/06/19	04:35	57,26	12:10:27,65	71,4	33,64	19:45	302,78
16/06/19	04:35	57,2	12:10:40,41	71,44	33,57	19:45	302,83
17/06/19	04:35	57,15	12:10:53,26	71,47	33,5	19:46	302,87
18/06/19	04:35	57,11	12:11:06,17	71,5	33,45	19:46	302,91
19/06/19	04:35	57,08	12:11:19,14	71,52	33,42	19:46	302,93
20/06/19	04:36	57,06	12:11:32,12	71,53	33,4	19:47	302,95
21/06/19	04:36	57,05	12:11:45,12	71,53	33,39	19:47	302,95
Solstizio d'estate 21 giugno 2019 alle ore 17h 54m ora legale							
22/06/19	04:36	57,05	12:11:58,10	71,53	33,39	19:47	302,94
23/06/19	04:36	57,06	12:12:11,05	71,52	33,41	19:47	302,93
24/06/19	04:37	57,08	12:12:23,93	71,51	33,44	19:47	302,9
25/06/19	04:37	57,11	12:12:36,74	71,48	33,48	19:47	302,86
26/06/19	04:37	57,15	12:12:49,44	71,45	33,54	19:47	302,82
27/06/19	04:38	57,2	12:13:02,02	71,42	33,61	19:47	302,76
28/06/19	04:38	57,26	12:13:14,45	71,37	33,7	19:47	302,69
29/06/19	04:38	57,33	12:13:26,70	71,32	33,79	19:47	302,62
30/06/19	04:39	57,41	12:13:38,76	71,27	33,9	19:47	302,53
01/07/19	04:39	57,5	12:13:50,59	71,2	34,03	19:47	302,44
02/07/19	04:40	57,6	12:14:02,17	71,13	34,16	19:47	302,33
03/07/19	04:40	57,71	12:14:13,47	71,06	34,31	19:47	302,21
04/07/19	04:41	57,83	12:14:24,47	70,97	34,48	19:47	302,09
05/07/19	04:41	57,96	12:14:35,14	70,88	34,65	19:46	301,95
06/07/19	04:42	58,1	12:14:45,46	70,78	34,84	19:46	301,81
07/07/19	04:43	58,25	12:14:55,40	70,68	35,05	19:46	301,65
08/07/19	04:43	58,41	12:15:04,94	70,57	35,26	19:45	301,49
09/07/19	04:44	58,57	12:15:14,06	70,45	35,49	19:45	301,32
10/07/19	04:45	58,75	12:15:22,75	70,33	35,73	19:45	301,14
11/07/19	04:46	58,93	12:15:30,98	70,2	35,99	19:44	300,95
12/07/19	04:46	59,13	12:15:38,75	70,07	36,26	19:44	300,75
13/07/19	04:47	59,33	12:15:46,04	69,92	36,54	19:43	300,54
14/07/19	04:48	59,54	12:15:52,85	69,78	36,83	19:43	300,32
15/07/19	04:49	59,76	12:15:59,15	69,62	37,14	19:42	300,1
16/07/19	04:49	59,99	12:16:04,94	69,46	37,45	19:41	299,86
17/07/19	04:50	60,23	12:16:10,22	69,29	37,79	19:41	299,62
18/07/19	04:51	60,48	12:16:14,98	69,12	38,13	19:40	299,37
19/07/19	04:52	60,73	12:16:19,19	68,94	38,49	19:39	299,11
20/07/19	04:53	60,99	12:16:22,87	68,76	38,86	19:38	298,84
21/07/19	04:54	61,26	12:16:26,01	68,57	39,24	19:38	298,57
22/07/19	04:55	61,54	12:16:28,59	68,37	39,63	19:37	298,28
23/07/19	04:55	61,83	12:16:30,61	68,17	40,04	19:36	297,99
24/07/19	04:56	62,12	12:16:32,07	67,97	40,46	19:35	297,7
25/07/19	04:57	62,42	12:16:32,96	67,75	40,89	19:34	297,39
26/07/19	04:58	62,73	12:16:33,27	67,54	41,34	19:33	297,08
27/07/19	04:59	63,05	12:16:33,01	67,31	41,79	19:32	296,76
28/07/19	05:00	63,37	12:16:32,16	67,08	42,26	19:31	296,43
29/07/19	05:01	63,7	12:16:30,73	66,85	42,74	19:30	296,1
30/07/19	05:02	64,04	12:16:28,71	66,61	43,24	19:29	295,76
31/07/19	05:03	64,38	12:16:26,08	66,37	43,74	19:28	295,41

2017-2020 IMCCE P=0 - SMA P=1 atm

01/08/19	05:04	64,73	12:16:22,85	66,12	44,26	19:27	295,06
02/08/19	05:05	65,09	12:16:19,01	65,86	44,79	19:26	294,7
03/08/19	05:06	65,45	12:16:14,56	65,6	45,34	19:25	294,33
04/08/19	05:07	65,82	12:16:09,48	65,34	45,89	19:24	293,96
05/08/19	05:08	66,19	12:16:03,79	65,07	46,46	19:22	293,58
06/08/19	05:09	66,58	12:15:57,47	64,8	47,04	19:21	293,2
07/08/19	05:10	66,96	12:15:50,54	64,52	47,63	19:20	292,81
08/08/19	05:11	67,35	12:15:43,00	64,24	48,24	19:19	292,41
09/08/19	05:12	67,75	12:15:34,85	63,96	48,85	19:17	292,01
10/08/19	05:13	68,16	12:15:26,10	63,67	49,48	19:16	291,61
11/08/19	05:14	68,56	12:15:16,77	63,37	50,12	19:15	291,2
12/08/19	05:15	68,98	12:15:06,85	63,07	50,77	19:13	290,78
13/08/19	05:16	69,4	12:14:56,37	62,77	51,44	19:12	290,36
14/08/19	05:17	69,82	12:14:45,33	62,47	52,12	19:10	289,93
15/08/19	05:18	70,25	12:14:33,74	62,16	52,81	19:09	289,5
16/08/19	05:19	70,68	12:14:21,63	61,84	53,51	19:08	289,07
17/08/19	05:20	71,12	12:14:08,99	61,52	54,22	19:06	288,63
18/08/19	05:21	71,56	12:13:55,85	61,2	54,95	19:05	288,19
19/08/19	05:23	72	12:13:42,22	60,88	55,69	19:03	287,74
20/08/19	05:24	72,45	12:13:28,11	60,55	56,44	19:02	287,29
21/08/19	05:25	72,91	12:13:13,55	60,22	57,2	19:00	286,83
22/08/19	05:26	73,37	12:12:58,53	59,89	57,98	18:59	286,37
23/08/19	05:27	73,83	12:12:43,08	59,55	58,77	18:57	285,91
24/08/19	05:28	74,29	12:12:27,21	59,21	59,57	18:56	285,44
25/08/19	05:29	74,76	12:12:10,93	58,87	60,38	18:54	284,97
26/08/19	05:30	75,23	12:11:54,27	58,52	61,21	18:52	284,5
27/08/19	05:31	75,71	12:11:37,23	58,17	62,05	18:51	284,02
28/08/19	05:32	76,19	12:11:19,82	57,82	62,9	18:49	283,54
29/08/19	05:33	76,67	12:11:02,05	57,47	63,77	18:48	283,06
30/08/19	05:34	77,16	12:10:43,95	57,11	64,65	18:46	282,58
31/08/19	05:35	77,64	12:10:25,50	56,75	65,54	18:44	282,09
01/09/19	05:36	78,13	12:10:06,74	56,39	66,44	18:43	281,6
02/09/19	05:37	78,63	12:09:47,67	56,03	67,36	18:41	281,1
03/09/19	05:38	79,12	12:09:28,30	55,66	68,29	18:39	280,61
04/09/19	05:39	79,62	12:09:08,65	55,29	69,24	18:38	280,11
05/09/19	05:40	80,12	12:08:48,73	54,92	70,19	18:36	279,61
06/09/19	05:41	80,62	12:08:28,56	54,55	71,17	18:34	279,11
07/09/19	05:42	81,13	12:08:08,17	54,18	72,15	18:32	278,6
08/09/19	05:43	81,64	12:07:47,57	53,8	73,15	18:31	278,09
09/09/19	05:44	82,14	12:07:26,78	53,43	74,16	18:29	277,59
10/09/19	05:45	82,65	12:07:05,82	53,05	75,19	18:27	277,08
11/09/19	05:46	83,16	12:06:44,72	52,67	76,23	18:26	276,57
12/09/19	05:47	83,68	12:06:23,49	52,29	77,29	18:24	276,05
13/09/19	05:48	84,19	12:06:02,16	51,91	78,36	18:22	275,54
14/09/19	05:49	84,71	12:05:40,75	51,53	79,44	18:20	275,02
15/09/19	05:50	85,23	12:05:19,28	51,14	80,54	18:19	274,51
16/09/19	05:51	85,74	12:04:57,78	50,76	81,65	18:17	273,99
17/09/19	05:52	86,26	12:04:36,27	50,37	82,78	18:15	273,47
18/09/19	05:53	86,78	12:04:14,77	49,98	83,92	18:13	272,95
19/09/19	05:54	87,3	12:03:53,30	49,6	85,08	18:12	272,43
20/09/19	05:56	87,82	12:03:31,89	49,21	86,25	18:10	271,91
21/09/19	05:57	88,35	12:03:10,56	48,82	87,44	18:08	271,39
22/09/19	05:58	88,87	12:02:49,32	48,43	88,64	18:06	270,87

2017-2020 IMCCE P=0 - SMA P=1 atm

Equinozio d'autunno 23 settembre 2019 alle ore 09h 49m ora legale							
23/09/19	05:59	89,39	12:02:28,21	48,04	89,86	18:05	270,34
24/09/19	06:00	89,92	12:02:07,24	47,65	91,1	18:03	269,82
25/09/19	06:01	90,44	12:01:46,43	47,27	92,35	18:01	269,3
26/09/19	06:02	90,96	12:01:25,80	46,88	93,61	17:59	268,78
27/09/19	06:03	91,49	12:01:05,37	46,49	94,9	17:58	268,25
28/09/19	06:04	92,01	12:00:45,14	46,1	96,2	17:56	267,73
29/09/19	06:05	92,53	12:00:25,14	45,71	97,51	17:54	267,21
30/09/19	06:06	93,06	12:00:05,39	45,32	98,84	17:52	266,69
01/10/19	06:07	93,58	11:59:45,89	44,93	100,19	17:51	266,17
02/10/19	06:08	94,1	11:59:26,66	44,54	101,55	17:49	265,65
03/10/19	06:09	94,62	11:59:07,73	44,16	102,93	17:47	265,13
04/10/19	06:10	95,14	11:58:49,11	43,77	104,33	17:46	264,61
05/10/19	06:11	95,66	11:58:30,81	43,39	105,75	17:44	264,09
06/10/19	06:13	96,18	11:58:12,87	43	107,18	17:42	263,57
07/10/19	06:14	96,7	11:57:55,30	42,62	108,62	17:41	263,06
08/10/19	06:15	97,21	11:57:38,11	42,24	110,08	17:39	262,54
09/10/19	06:16	97,73	11:57:21,34	41,86	111,56	17:37	262,03
10/10/19	06:17	98,24	11:57:05,01	41,48	113,06	17:36	261,52
11/10/19	06:18	98,75	11:56:49,13	41,1	114,57	17:34	261,01
12/10/19	06:19	99,26	11:56:33,72	40,72	116,1	17:32	260,51
13/10/19	06:20	99,76	11:56:18,82	40,35	117,65	17:31	260
14/10/19	06:21	100,27	11:56:04,43	39,98	119,21	17:29	259,5
15/10/19	06:23	100,77	11:55:50,59	39,61	120,79	17:28	259
16/10/19	06:24	101,27	11:55:37,31	39,24	122,38	17:26	258,5
17/10/19	06:25	101,77	11:55:24,62	38,87	123,99	17:24	258
18/10/19	06:26	102,26	11:55:12,52	38,51	125,62	17:23	257,51
19/10/19	06:27	102,76	11:55:01,05	38,14	127,26	17:21	257,02
20/10/19	06:28	103,25	11:54:50,23	37,78	128,92	17:20	256,53
21/10/19	06:29	103,73	11:54:40,06	37,43	130,59	17:18	256,05
22/10/19	06:31	104,22	11:54:30,57	37,07	132,28	17:17	255,57
23/10/19	06:32	104,7	11:54:21,77	36,72	133,98	17:15	255,09
24/10/19	06:33	105,18	11:54:13,68	36,37	135,7	17:14	254,61
25/10/19	06:34	105,65	11:54:06,31	36,02	137,43	17:12	254,14
26/10/19	06:35	106,12	11:53:59,67	35,68	139,17	17:11	253,67
27/10/19	06:37	106,59	11:53:53,77	35,34	140,93	17:10	253,21
28/10/19	06:38	107,05	11:53:48,61	35	142,7	17:08	252,75
29/10/19	06:39	107,51	11:53:44,21	34,67	144,48	17:07	252,3
30/10/19	06:40	107,96	11:53:40,56	34,34	146,27	17:06	251,84
31/10/19	06:41	108,41	11:53:37,69	34,01	148,07	17:04	251,4
01/11/19	06:43	108,85	11:53:35,59	33,69	149,88	17:03	250,96
02/11/19	06:44	109,29	11:53:34,27	33,37	151,7	17:02	250,52
03/11/19	06:45	109,73	11:53:33,74	33,06	153,53	17:00	250,09
04/11/19	06:46	110,16	11:53:34,01	32,75	155,36	16:59	249,66
05/11/19	06:48	110,58	11:53:35,08	32,44	157,2	16:58	249,24
06/11/19	06:49	111	11:53:36,96	32,14	159,05	16:57	248,82
07/11/19	06:50	111,42	11:53:39,66	31,84	160,89	16:56	248,41
08/11/19	06:51	111,83	11:53:43,19	31,55	162,74	16:55	248
09/11/19	06:53	112,23	11:53:47,55	31,26	164,59	16:54	247,61
10/11/19	06:54	112,62	11:53:52,75	30,98	166,44	16:53	247,21
11/11/19	06:55	113,01	11:53:58,78	30,7	168,29	16:52	246,83
12/11/19	06:56	113,4	11:54:05,67	30,42	170,13	16:51	246,45
13/11/19	06:57	113,77	11:54:13,40	30,16	171,97	16:50	246,07

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14/11/19	06:59	114,14	11:54:21,99	29,89	173,8	16:49	245,71
15/11/19	07:00	114,51	11:54:31,43	29,63	175,63	16:48	245,35
16/11/19	07:01	114,86	11:54:41,72	29,38	177,44	16:47	244,99
17/11/19	07:02	115,21	11:54:52,88	29,13	179,24	16:46	244,65
18/11/19	07:04	115,55	11:55:04,88	28,89	181,03	16:45	244,31
19/11/19	07:05	115,89	11:55:17,74	28,66	182,8	16:44	243,98
20/11/19	07:06	116,21	11:55:31,44	28,43	184,56	16:44	243,66
21/11/19	07:07	116,53	11:55:45,97	28,2	186,29	16:43	243,34
22/11/19	07:08	116,84	11:56:01,34	27,98	188	16:42	243,04
23/11/19	07:10	117,15	11:56:17,51	27,77	189,69	16:42	242,74
24/11/19	07:11	117,44	11:56:34,49	27,57	191,35	16:41	242,45
25/11/19	07:12	117,72	11:56:52,24	27,37	192,98	16:41	242,17
26/11/19	07:13	118	11:57:10,76	27,17	194,58	16:40	241,89
27/11/19	07:14	118,27	11:57:30,03	26,99	196,15	16:40	241,63
28/11/19	07:15	118,53	11:57:50,01	26,81	197,68	16:39	241,38
29/11/19	07:16	118,77	11:58:10,69	26,63	199,17	16:39	241,13
30/11/19	07:17	119,01	11:58:32,06	26,47	200,62	16:38	240,89
01/12/19	07:19	119,24	11:58:54,07	26,31	202,03	16:38	240,67
02/12/19	07:20	119,47	11:59:16,72	26,16	203,39	16:38	240,45
03/12/19	07:21	119,68	11:59:39,98	26,01	204,7	16:37	240,25
04/12/19	07:22	119,88	12:00:03,83	25,87	205,95	16:37	240,05
05/12/19	07:23	120,07	12:00:28,23	25,74	207,16	16:37	239,86
06/12/19	07:24	120,25	12:00:53,18	25,62	208,31	16:37	239,69
07/12/19	07:25	120,42	12:01:18,64	25,5	209,4	16:37	239,52
08/12/19	07:25	120,58	12:01:44,58	25,39	210,43	16:37	239,37
09/12/19	07:26	120,72	12:02:10,99	25,29	211,39	16:37	239,22
10/12/19	07:27	120,86	12:02:37,84	25,19	212,29	16:37	239,09
11/12/19	07:28	120,99	12:03:05,09	25,11	213,13	16:37	238,96
12/12/19	07:29	121,11	12:03:32,73	25,03	213,9	16:37	238,85
13/12/19	07:30	121,21	12:04:00,73	24,96	214,6	16:37	238,75
14/12/19	07:31	121,31	12:04:29,07	24,89	215,22	16:37	238,66
15/12/19	07:31	121,39	12:04:57,70	24,84	215,77	16:38	238,58
16/12/19	07:32	121,46	12:05:26,62	24,79	216,25	16:38	238,51
17/12/19	07:33	121,52	12:05:55,78	24,75	216,66	16:38	238,46
18/12/19	07:33	121,57	12:06:25,16	24,71	216,99	16:39	238,41
19/12/19	07:34	121,61	12:06:54,72	24,69	217,24	16:39	238,38
20/12/19	07:34	121,64	12:07:24,44	24,67	217,41	16:39	238,35
21/12/19	07:35	121,66	12:07:54,27	24,66	217,51	16:40	238,34
Solstizio d'inverno 22 dicembre 2019 alle ore 05h 19m locali							
22/12/19	07:36	121,66	12:08:24,19	24,66	217,52	16:40	238,34
23/12/19	07:36	121,65	12:08:54,15	24,67	217,46	16:41	238,35
24/12/19	07:36	121,64	12:09:24,11	24,68	217,32	16:41	238,37
25/12/19	07:37	121,61	12:09:54,04	24,7	217,1	16:42	238,41
26/12/19	07:37	121,57	12:10:23,89	24,73	216,81	16:43	238,45
27/12/19	07:38	121,51	12:10:53,64	24,77	216,44	16:43	238,51
28/12/19	07:38	121,45	12:11:23,23	24,81	215,99	16:44	238,58
29/12/19	07:38	121,38	12:11:52,64	24,87	215,47	16:45	238,66
30/12/19	07:38	121,29	12:12:21,82	24,93	214,87	16:46	238,75
31/12/19	07:39	121,19	12:12:50,74	25	214,2	16:46	238,85
01/01/20	07:39	121,08	12:13:19,37	25,07	213,46	16:47	238,96
02/01/20	07:39	120,97	12:13:47,68	25,16	212,65	16:48	239,08
03/01/20	07:39	120,83	12:14:15,62	25,25	211,77	16:49	239,22
04/01/20	07:39	120,69	12:14:43,18	25,35	210,82	16:50	239,36

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05/01/20	07:39	120,54	12:15:10,32	25,45	209,81	16:51	239,52
06/01/20	07:39	120,38	12:15:37,01	25,57	208,74	16:52	239,69
07/01/20	07:39	120,21	12:16:03,23	25,69	207,61	16:53	239,86
08/01/20	07:39	120,02	12:16:28,95	25,82	206,42	16:54	240,05
09/01/20	07:38	119,83	12:16:54,16	25,96	205,18	16:55	240,25
10/01/20	07:38	119,63	12:17:18,83	26,1	203,88	16:56	240,45
11/01/20	07:38	119,41	12:17:42,93	26,25	202,54	16:57	240,67
12/01/20	07:38	119,19	12:18:06,46	26,41	201,14	16:58	240,9
13/01/20	07:37	118,96	12:18:29,39	26,57	199,7	16:59	241,14
14/01/20	07:37	118,71	12:18:51,71	26,74	198,22	17:00	241,38
15/01/20	07:36	118,46	12:19:13,40	26,92	196,69	17:01	241,64
16/01/20	07:36	118,2	12:19:34,44	27,11	195,13	17:02	241,91
17/01/20	07:36	117,93	12:19:54,83	27,3	193,53	17:04	242,18
18/01/20	07:35	117,65	12:20:14,53	27,5	191,9	17:05	242,47
19/01/20	07:34	117,36	12:20:33,55	27,7	190,24	17:06	242,76
20/01/20	07:34	117,06	12:20:51,85	27,92	188,54	17:07	243,06
21/01/20	07:33	116,75	12:21:09,43	28,13	186,83	17:08	243,37
22/01/20	07:33	116,44	12:21:26,26	28,36	185,08	17:10	243,69
23/01/20	07:32	116,12	12:21:42,34	28,59	183,32	17:11	244,02
24/01/20	07:31	115,79	12:21:57,65	28,82	181,54	17:12	244,35
25/01/20	07:30	115,45	12:22:12,17	29,07	179,74	17:13	244,69
26/01/20	07:30	115,1	12:22:25,89	29,31	177,92	17:15	245,04
27/01/20	07:29	114,75	12:22:38,81	29,57	176,09	17:16	245,4
28/01/20	07:28	114,38	12:22:50,91	29,83	174,25	17:17	245,77
29/01/20	07:27	114,02	12:23:02,18	30,09	172,41	17:19	246,14
30/01/20	07:26	113,64	12:23:12,63	30,36	170,55	17:20	246,52
31/01/20	07:25	113,26	12:23:22,25	30,64	168,69	17:21	246,9
01/02/20	07:24	112,87	12:23:31,03	30,92	166,82	17:22	247,3
02/02/20	07:23	112,47	12:23:38,98	31,2	164,95	17:24	247,7
03/02/20	07:22	112,07	12:23:46,09	31,5	163,08	17:25	248,1
04/02/20	07:21	111,66	12:23:52,36	31,79	161,21	17:26	248,51
05/02/20	07:20	111,25	12:23:57,81	32,09	159,34	17:28	248,93
06/02/20	07:19	110,83	12:24:02,44	32,4	157,48	17:29	249,35
07/02/20	07:18	110,4	12:24:06,25	32,7	155,62	17:30	249,78
08/02/20	07:16	109,97	12:24:09,25	33,02	153,77	17:31	250,22
09/02/20	07:15	109,53	12:24:11,46	33,34	151,92	17:33	250,66
10/02/20	07:14	109,09	12:24:12,88	33,66	150,08	17:34	251,1
11/02/20	07:13	108,65	12:24:13,53	33,98	148,24	17:35	251,55
12/02/20	07:11	108,19	12:24:13,43	34,31	146,42	17:37	252
13/02/20	07:10	107,74	12:24:12,58	34,65	144,61	17:38	252,46
14/02/20	07:09	107,28	12:24:11,00	34,98	142,8	17:39	252,93
15/02/20	07:07	106,81	12:24:08,71	35,32	141,01	17:40	253,39
16/02/20	07:06	106,34	12:24:05,71	35,67	139,23	17:42	253,87
17/02/20	07:05	105,87	12:24:02,01	36,02	137,47	17:43	254,34
18/02/20	07:03	105,39	12:23:57,63	36,37	135,71	17:44	254,82
19/02/20	07:02	104,91	12:23:52,58	36,72	133,97	17:45	255,31
20/02/20	07:00	104,43	12:23:46,86	37,08	132,25	17:47	255,79
21/02/20	06:59	103,94	12:23:40,50	37,44	130,54	17:48	256,28
22/02/20	06:58	103,45	12:23:33,49	37,8	128,84	17:49	256,78
23/02/20	06:56	102,95	12:23:25,86	38,16	127,16	17:50	257,27
24/02/20	06:55	102,45	12:23:17,61	38,53	125,5	17:52	257,77
25/02/20	06:53	101,95	12:23:08,75	38,9	123,85	17:53	258,28
26/02/20	06:52	101,45	12:22:59,31	39,27	122,21	17:54	258,78

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27/02/20	06:50	100,94	12:22:49,30	39,65	120,6	17:55	259,29
28/02/20	06:48	100,44	12:22:38,72	40,03	119	17:57	259,8
29/02/20	06:47	99,92	12:22:27,60	40,4	117,41	17:58	260,31
01/03/20	06:45	99,41	12:22:15,95	40,79	115,85	17:59	260,83
02/03/20	06:44	98,9	12:22:03,79	41,17	114,3	18:00	261,35
03/03/20	06:42	98,38	12:21:51,14	41,55	112,77	18:01	261,86
04/03/20	06:40	97,86	12:21:38,01	41,94	111,25	18:02	262,38
05/03/20	06:39	97,34	12:21:24,42	42,32	109,75	18:04	262,91
06/03/20	06:37	96,82	12:21:10,41	42,71	108,27	18:05	263,43
07/03/20	06:36	96,3	12:20:55,97	43,1	106,81	18:06	263,96
08/03/20	06:34	95,77	12:20:41,15	43,49	105,36	18:07	264,48
09/03/20	06:32	95,25	12:20:25,97	43,88	103,93	18:08	265,01
10/03/20	06:31	94,72	12:20:10,44	44,27	102,52	18:09	265,54
11/03/20	06:29	94,19	12:19:54,60	44,67	101,12	18:11	266,06
12/03/20	06:27	93,66	12:19:38,46	45,06	99,75	18:12	266,59
13/03/20	06:26	93,14	12:19:22,06	45,45	98,38	18:13	267,12
14/03/20	06:24	92,61	12:19:05,42	45,85	97,04	18:14	267,66
15/03/20	06:22	92,08	12:18:48,55	46,24	95,71	18:15	268,19
16/03/20	06:20	91,55	12:18:31,49	46,64	94,4	18:16	268,72
17/03/20	06:19	91,02	12:18:14,25	47,03	93,1	18:17	269,25
18/03/20	06:17	90,48	12:17:56,84	47,43	91,82	18:19	269,78
19/03/20	06:15	89,95	12:17:39,29	47,82	90,56	18:20	270,31
Equinozio di primavera 20 marzo 2020 alle ore 04h 49m locali							
20/03/20	06:14	89,42	12:17:21,62	48,22	89,31	18:21	270,84
21/03/20	06:12	88,89	12:17:03,84	48,61	88,08	18:22	271,38
22/03/20	06:10	88,36	12:16:45,98	49,01	86,87	18:23	271,91
23/03/20	06:08	87,83	12:16:28,04	49,4	85,67	18:24	272,44
24/03/20	06:07	87,3	12:16:10,05	49,8	84,48	18:25	272,97
25/03/20	06:05	86,78	12:15:52,02	50,19	83,31	18:26	273,5
26/03/20	06:03	86,25	12:15:33,97	50,58	82,16	18:28	274,02
27/03/20	06:02	85,72	12:15:15,92	50,97	81,02	18:29	274,55
28/03/20	06:00	85,2	12:14:57,89	51,36	79,9	18:30	275,08
29/03/20	05:58	84,67	12:14:39,88	51,75	78,79	18:31	275,6
30/03/20	05:56	84,15	12:14:21,93	52,14	77,7	18:32	276,12
31/03/20	05:55	83,63	12:14:04,05	52,53	76,62	18:33	276,65
01/04/20	05:53	83,11	12:13:46,24	52,91	75,56	18:34	277,17
02/04/20	05:51	82,59	12:13:28,55	53,3	74,51	18:35	277,68
03/04/20	05:50	82,07	12:13:10,97	53,68	73,48	18:36	278,2
04/04/20	05:48	81,56	12:12:53,54	54,06	72,46	18:38	278,72
05/04/20	05:46	81,05	12:12:36,27	54,44	71,46	18:39	279,23
06/04/20	05:45	80,54	12:12:19,18	54,82	70,47	18:40	279,74
07/04/20	05:43	80,03	12:12:02,31	55,19	69,49	18:41	280,25
08/04/20	05:41	79,52	12:11:45,65	55,57	68,53	18:42	280,75
09/04/20	05:40	79,02	12:11:29,26	55,94	67,58	18:43	281,26
10/04/20	05:38	78,52	12:11:13,13	56,31	66,65	18:44	281,76
11/04/20	05:36	78,02	12:10:57,30	56,67	65,73	18:45	282,25
12/04/20	05:35	77,52	12:10:41,78	57,04	64,82	18:46	282,75
13/04/20	05:33	77,03	12:10:26,60	57,4	63,93	18:47	283,24
14/04/20	05:32	76,54	12:10:11,77	57,76	63,05	18:49	283,73
15/04/20	05:30	76,05	12:09:57,30	58,12	62,18	18:50	284,22
16/04/20	05:28	75,57	12:09:43,21	58,47	61,33	18:51	284,7
17/04/20	05:27	75,09	12:09:29,52	58,82	60,49	18:52	285,18
18/04/20	05:25	74,61	12:09:16,23	59,17	59,66	18:53	285,65

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19/04/20	05:24	74,14	12:09:03,35	59,52	58,85	18:54	286,13
20/04/20	05:22	73,67	12:08:50,91	59,86	58,05	18:55	286,59
21/04/20	05:21	73,2	12:08:38,91	60,2	57,26	18:56	287,06
22/04/20	05:19	72,74	12:08:27,36	60,53	56,48	18:57	287,52
23/04/20	05:18	72,28	12:08:16,26	60,86	55,72	18:58	287,98
24/04/20	05:16	71,83	12:08:05,64	61,19	54,97	19:00	288,43
25/04/20	05:15	71,38	12:07:55,49	61,52	54,24	19:01	288,88
26/04/20	05:14	70,94	12:07:45,82	61,84	53,51	19:02	289,32
27/04/20	05:12	70,49	12:07:36,64	62,16	52,8	19:03	289,76
28/04/20	05:11	70,06	12:07:27,96	62,47	52,1	19:04	290,19
29/04/20	05:09	69,63	12:07:19,78	62,78	51,42	19:05	290,62
30/04/20	05:08	69,2	12:07:12,11	63,09	50,74	19:06	291,04
01/05/20	05:07	68,78	12:07:04,95	63,39	50,08	19:07	291,46
02/05/20	05:05	68,37	12:06:58,31	63,69	49,44	19:08	291,87
03/05/20	05:04	67,96	12:06:52,20	63,98	48,8	19:09	292,28
04/05/20	05:03	67,55	12:06:46,63	64,27	48,18	19:10	292,68
05/05/20	05:02	67,15	12:06:41,60	64,55	47,57	19:12	293,08
06/05/20	05:00	66,76	12:06:37,12	64,83	46,97	19:13	293,47
07/05/20	04:59	66,37	12:06:33,21	65,11	46,39	19:14	293,85
08/05/20	04:58	65,99	12:06:29,86	65,38	45,82	19:15	294,23
09/05/20	04:57	65,62	12:06:27,08	65,64	45,26	19:16	294,6
10/05/20	04:56	65,25	12:06:24,89	65,9	44,71	19:17	294,97
11/05/20	04:55	64,89	12:06:23,29	66,16	44,18	19:18	295,33
12/05/20	04:53	64,53	12:06:22,27	66,41	43,66	19:19	295,68
13/05/20	04:52	64,18	12:06:21,84	66,65	43,15	19:20	296,02
14/05/20	04:51	63,84	12:06:21,99	66,89	42,65	19:21	296,36
15/05/20	04:50	63,51	12:06:22,73	67,13	42,17	19:22	296,69
16/05/20	04:49	63,18	12:06:24,06	67,36	41,7	19:23	297,02
17/05/20	04:49	62,86	12:06:25,95	67,58	41,24	19:24	297,34
18/05/20	04:48	62,54	12:06:28,42	67,8	40,79	19:25	297,65
19/05/20	04:47	62,24	12:06:31,45	68,01	40,36	19:26	297,95
20/05/20	04:46	61,94	12:06:35,03	68,22	39,94	19:27	298,24
21/05/20	04:45	61,65	12:06:39,16	68,42	39,53	19:28	298,53
22/05/20	04:44	61,36	12:06:43,82	68,62	39,14	19:29	298,81
23/05/20	04:43	61,09	12:06:48,99	68,81	38,76	19:30	299,08
24/05/20	04:43	60,82	12:06:54,67	68,99	38,39	19:31	299,34
25/05/20	04:42	60,56	12:07:00,85	69,17	38,03	19:31	299,59
26/05/20	04:41	60,31	12:07:07,50	69,34	37,69	19:32	299,84
27/05/20	04:41	60,07	12:07:14,61	69,51	37,36	19:33	300,08
28/05/20	04:40	59,84	12:07:22,16	69,67	37,04	19:34	300,3
29/05/20	04:40	59,61	12:07:30,14	69,82	36,74	19:35	300,52
30/05/20	04:39	59,4	12:07:38,53	69,97	36,45	19:36	300,73
31/05/20	04:39	59,19	12:07:47,31	70,11	36,17	19:36	300,94
01/06/20	04:38	58,99	12:07:56,48	70,24	35,9	19:37	301,13
02/06/20	04:38	58,8	12:08:06,01	70,37	35,65	19:38	301,31
03/06/20	04:37	58,62	12:08:15,89	70,49	35,41	19:39	301,48
04/06/20	04:37	58,45	12:08:26,12	70,61	35,19	19:39	301,65
05/06/20	04:37	58,29	12:08:36,66	70,72	34,98	19:40	301,8
06/06/20	04:36	58,14	12:08:47,52	70,82	34,78	19:41	301,95
07/06/20	04:36	58	12:08:58,67	70,91	34,59	19:41	302,09
08/06/20	04:36	57,87	12:09:10,10	71	34,42	19:42	302,21
09/06/20	04:36	57,74	12:09:21,80	71,08	34,26	19:42	302,33
10/06/20	04:35	57,63	12:09:33,74	71,16	34,11	19:43	302,43

2017-2020 IMCCE P=0 - SMA P=1 atm

11/06/20	04:35	57,53	12:09:45,90	71,23	33,98	19:43	302,53
12/06/20	04:35	57,44	12:09:58,27	71,29	33,86	19:44	302,62
13/06/20	04:35	57,35	12:10:10,83	71,34	33,75	19:44	302,69
14/06/20	04:35	57,28	12:10:23,54	71,39	33,66	19:45	302,76
15/06/20	04:35	57,22	12:10:36,39	71,43	33,58	19:45	302,82
16/06/20	04:35	57,16	12:10:49,36	71,47	33,52	19:46	302,87
17/06/20	04:35	57,12	12:11:02,41	71,49	33,46	19:46	302,9
18/06/20	04:35	57,09	12:11:15,53	71,51	33,42	19:46	302,93
19/06/20	04:36	57,06	12:11:28,69	71,53	33,4	19:46	302,95
20/06/20	04:36	57,05	12:11:41,85	71,53	33,39	19:47	302,95
Solstizio d'estate 20 giugno 2020 alle ore 23h 43m ora legale							
21/06/20	04:36	57,05	12:11:55,00	71,53	33,39	19:47	302,95
22/06/20	04:36	57,06	12:12:08,10	71,53	33,4	19:47	302,93
23/06/20	04:36	57,07	12:12:21,12	71,51	33,43	19:47	302,91
24/06/20	04:37	57,1	12:12:34,05	71,49	33,47	19:47	302,88
25/06/20	04:37	57,14	12:12:46,84	71,46	33,52	19:47	302,83
26/06/20	04:37	57,19	12:12:59,48	71,43	33,59	19:47	302,78
27/06/20	04:38	57,25	12:13:11,93	71,39	33,67	19:47	302,71
28/06/20	04:38	57,31	12:13:24,17	71,34	33,77	19:47	302,64
29/06/20	04:39	57,39	12:13:36,19	71,28	33,87	19:47	302,55
30/06/20	04:39	57,48	12:13:47,95	71,22	33,99	19:47	302,46
01/07/20	04:40	57,58	12:13:59,44	71,15	34,13	19:47	302,36
02/07/20	04:40	57,68	12:14:10,64	71,08	34,27	19:47	302,24
03/07/20	04:41	57,8	12:14:21,53	70,99	34,44	19:47	302,12
04/07/20	04:41	57,93	12:14:32,10	70,9	34,61	19:46	301,99
05/07/20	04:42	58,06	12:14:42,33	70,81	34,8	19:46	301,85
06/07/20	04:43	58,21	12:14:52,22	70,71	34,99	19:46	301,69
07/07/20	04:43	58,37	12:15:01,73	70,6	35,21	19:46	301,53
08/07/20	04:44	58,53	12:15:10,86	70,48	35,43	19:45	301,36
09/07/20	04:45	58,7	12:15:19,60	70,36	35,67	19:45	301,18
10/07/20	04:45	58,89	12:15:27,92	70,23	35,92	19:44	300,99
11/07/20	04:46	59,08	12:15:35,82	70,1	36,19	19:44	300,8
12/07/20	04:47	59,28	12:15:43,28	69,96	36,46	19:43	300,59
13/07/20	04:48	59,49	12:15:50,28	69,81	36,75	19:43	300,38
14/07/20	04:48	59,71	12:15:56,82	69,66	37,06	19:42	300,15
15/07/20	04:49	59,94	12:16:02,88	69,5	37,37	19:41	299,92
16/07/20	04:50	60,17	12:16:08,44	69,34	37,7	19:41	299,68
17/07/20	04:51	60,42	12:16:13,49	69,17	38,04	19:40	299,43
18/07/20	04:52	60,67	12:16:18,02	68,99	38,4	19:39	299,17
19/07/20	04:53	60,93	12:16:22,01	68,81	38,76	19:39	298,91
20/07/20	04:53	61,2	12:16:25,45	68,62	39,14	19:38	298,63
21/07/20	04:54	61,47	12:16:28,33	68,42	39,53	19:37	298,35
22/07/20	04:55	61,76	12:16:30,63	68,22	39,94	19:36	298,06
23/07/20	04:56	62,05	12:16:32,34	68,02	40,36	19:35	297,77
24/07/20	04:57	62,35	12:16:33,45	67,81	40,79	19:34	297,46
25/07/20	04:58	62,66	12:16:33,95	67,59	41,23	19:34	297,15
26/07/20	04:59	62,97	12:16:33,84	67,37	41,68	19:33	296,84
27/07/20	05:00	63,29	12:16:33,10	67,14	42,15	19:32	296,51
28/07/20	05:01	63,62	12:16:31,74	66,91	42,63	19:31	296,18
29/07/20	05:02	63,95	12:16:29,76	66,67	43,12	19:29	295,84
30/07/20	05:03	64,3	12:16:27,14	66,43	43,62	19:28	295,49
31/07/20	05:04	64,65	12:16:23,90	66,18	44,14	19:27	295,14
01/08/20	05:05	65	12:16:20,05	65,93	44,66	19:26	294,78

2017-2020 IMCCE P=0 - SMA P=1 atm

02/08/20	05:06	65,36	12:16:15,58	65,67	45,2	19:25	294,42
03/08/20	05:07	65,73	12:16:10,49	65,41	45,76	19:24	294,05
04/08/20	05:08	66,1	12:16:04,81	65,14	46,32	19:23	293,67
05/08/20	05:09	66,48	12:15:58,52	64,87	46,9	19:21	293,29
06/08/20	05:10	66,87	12:15:51,65	64,59	47,49	19:20	292,9
07/08/20	05:11	67,26	12:15:44,20	64,31	48,09	19:19	292,51
08/08/20	05:12	67,65	12:15:36,17	64,03	48,7	19:18	292,11
09/08/20	05:13	68,06	12:15:27,57	63,74	49,32	19:16	291,71
10/08/20	05:14	68,46	12:15:18,41	63,44	49,96	19:15	291,3
11/08/20	05:15	68,88	12:15:08,71	63,15	50,61	19:14	290,88
12/08/20	05:16	69,29	12:14:58,46	62,85	51,27	19:12	290,46
13/08/20	05:17	69,71	12:14:47,67	62,54	51,95	19:11	290,04
14/08/20	05:18	70,14	12:14:36,36	62,23	52,64	19:09	289,61
15/08/20	05:19	70,57	12:14:24,53	61,92	53,33	19:08	289,18
16/08/20	05:20	71,01	12:14:12,19	61,6	54,05	19:07	288,74
17/08/20	05:21	71,45	12:13:59,34	61,28	54,77	19:05	288,3
18/08/20	05:22	71,9	12:13:46,00	60,96	55,51	19:04	287,85
19/08/20	05:23	72,35	12:13:32,17	60,63	56,25	19:02	287,4
20/08/20	05:24	72,8	12:13:17,86	60,3	57,02	19:01	286,94
21/08/20	05:25	73,26	12:13:03,07	59,97	57,79	18:59	286,48
22/08/20	05:26	73,72	12:12:47,81	59,63	58,58	18:57	286,02
23/08/20	05:27	74,18	12:12:32,10	59,29	59,37	18:56	285,56
24/08/20	05:28	74,65	12:12:15,94	58,95	60,19	18:54	285,09
25/08/20	05:30	75,12	12:11:59,35	58,6	61,01	18:53	284,61
26/08/20	05:31	75,6	12:11:42,34	58,26	61,85	18:51	284,14
27/08/20	05:32	76,07	12:11:24,93	57,9	62,7	18:50	283,66
28/08/20	05:33	76,56	12:11:07,13	57,55	63,56	18:48	283,18
29/08/20	05:34	77,04	12:10:48,97	57,2	64,43	18:46	282,69
30/08/20	05:35	77,53	12:10:30,46	56,84	65,32	18:45	282,21
31/08/20	05:36	78,02	12:10:11,62	56,48	66,22	18:43	281,72
01/09/20	05:37	78,51	12:09:52,47	56,11	67,14	18:41	281,22
02/09/20	05:38	79	12:09:33,03	55,75	68,06	18:40	280,73
03/09/20	05:39	79,5	12:09:13,33	55,38	69,01	18:38	280,23
04/09/20	05:40	80	12:08:53,38	55,01	69,96	18:36	279,73
05/09/20	05:41	80,5	12:08:33,20	54,64	70,93	18:35	279,23
06/09/20	05:42	81,01	12:08:12,82	54,27	71,91	18:33	278,72
07/09/20	05:43	81,51	12:07:52,26	53,9	72,91	18:31	278,22
08/09/20	05:44	82,02	12:07:31,53	53,52	73,91	18:29	277,71
09/09/20	05:45	82,53	12:07:10,66	53,14	74,94	18:28	277,2
10/09/20	05:46	83,04	12:06:49,66	52,76	75,98	18:26	276,69
11/09/20	05:47	83,55	12:06:28,56	52,38	77,03	18:24	276,18
12/09/20	05:48	84,07	12:06:07,37	52	78,09	18:23	275,66
13/09/20	05:49	84,58	12:05:46,12	51,62	79,17	18:21	275,15
14/09/20	05:50	85,1	12:05:24,82	51,23	80,27	18:19	274,63
15/09/20	05:51	85,62	12:05:03,48	50,85	81,38	18:17	274,11
16/09/20	05:52	86,14	12:04:42,13	50,46	82,51	18:16	273,59
17/09/20	05:53	86,66	12:04:20,78	50,08	83,65	18:14	273,07
18/09/20	05:54	87,18	12:03:59,45	49,69	84,8	18:12	272,55
19/09/20	05:55	87,7	12:03:38,14	49,3	85,97	18:10	272,03
20/09/20	05:56	88,22	12:03:16,89	48,91	87,16	18:09	271,51
21/09/20	05:57	88,75	12:02:55,69	48,53	88,36	18:07	270,99
22/09/20	05:58	89,27	12:02:34,58	48,14	89,57	18:05	270,47
Equinozio d'autunno 22 settembre 2020 alle ore 15h 30m ora legale							

2017-2020 IMCCE P=0 - SMA P=1 atm

23/09/20	05:59	89,79	12:02:13,56	47,75	90,8	18:03	269,94
24/09/20	06:01	90,32	12:01:52,67	47,36	92,05	18:02	269,42
25/09/20	06:02	90,84	12:01:31,92	46,97	93,31	18:00	268,9
26/09/20	06:03	91,36	12:01:11,32	46,58	94,59	17:58	268,38
27/09/20	06:04	91,89	12:00:50,92	46,19	95,89	17:56	267,85
28/09/20	06:05	92,41	12:00:30,72	45,8	97,2	17:55	267,33
29/09/20	06:06	92,93	12:00:10,75	45,41	98,52	17:53	266,81
30/09/20	06:07	93,45	11:59:51,04	45,02	99,87	17:51	266,29
01/10/20	06:08	93,98	11:59:31,61	44,64	101,23	17:49	265,77
02/10/20	06:09	94,5	11:59:12,47	44,25	102,6	17:48	265,25
03/10/20	06:10	95,02	11:58:53,66	43,86	103,99	17:46	264,73
04/10/20	06:11	95,54	11:58:35,20	43,48	105,4	17:44	264,21
05/10/20	06:12	96,05	11:58:17,11	43,09	106,83	17:43	263,7
06/10/20	06:13	96,57	11:57:59,41	42,71	108,27	17:41	263,18
07/10/20	06:14	97,09	11:57:42,12	42,33	109,73	17:39	262,67
08/10/20	06:16	97,6	11:57:25,27	41,95	111,2	17:38	262,16
09/10/20	06:17	98,11	11:57:08,88	41,57	112,7	17:36	261,65
10/10/20	06:18	98,62	11:56:52,97	41,19	114,2	17:34	261,14
11/10/20	06:19	99,13	11:56:37,55	40,81	115,73	17:33	260,63
12/10/20	06:20	99,64	11:56:22,64	40,44	117,27	17:31	260,12
13/10/20	06:21	100,15	11:56:08,27	40,07	118,83	17:30	259,62
14/10/20	06:22	100,65	11:55:54,45	39,69	120,41	17:28	259,12
15/10/20	06:23	101,15	11:55:41,19	39,32	122	17:26	258,62
16/10/20	06:25	101,65	11:55:28,51	38,96	123,61	17:25	258,12
17/10/20	06:26	102,15	11:55:16,42	38,59	125,23	17:23	257,63
18/10/20	06:27	102,64	11:55:04,93	38,23	126,87	17:22	257,14
19/10/20	06:28	103,13	11:54:54,05	37,87	128,53	17:20	256,65
20/10/20	06:29	103,62	11:54:43,80	37,51	130,2	17:19	256,16
21/10/20	06:30	104,1	11:54:34,18	37,15	131,88	17:17	255,68
22/10/20	06:32	104,59	11:54:25,22	36,8	133,58	17:16	255,2
23/10/20	06:33	105,06	11:54:16,93	36,45	135,3	17:14	254,72
24/10/20	06:34	105,54	11:54:09,31	36,1	137,02	17:13	254,25
25/10/20	06:35	106,01	11:54:02,39	35,76	138,76	17:11	253,78
26/10/20	06:36	106,48	11:53:56,19	35,42	140,52	17:10	253,32
27/10/20	06:38	106,94	11:53:50,70	35,08	142,28	17:09	252,86
28/10/20	06:39	107,4	11:53:45,96	34,75	144,06	17:07	252,4
29/10/20	06:40	107,85	11:53:41,97	34,42	145,85	17:06	251,95
30/10/20	06:41	108,3	11:53:38,75	34,09	147,64	17:05	251,5
31/10/20	06:42	108,75	11:53:36,31	33,77	149,45	17:03	251,06
01/11/20	06:44	109,19	11:53:34,67	33,45	151,27	17:02	250,62
02/11/20	06:45	109,63	11:53:33,84	33,13	153,09	17:01	250,19
03/11/20	06:46	110,06	11:53:33,82	32,82	154,92	17:00	249,76
04/11/20	06:47	110,48	11:53:34,63	32,51	156,76	16:58	249,34
05/11/20	06:49	110,9	11:53:36,28	32,21	158,6	16:57	248,92
06/11/20	06:50	111,32	11:53:38,77	31,91	160,45	16:56	248,51
07/11/20	06:51	111,73	11:53:42,12	31,62	162,29	16:55	248,1
08/11/20	06:52	112,13	11:53:46,33	31,33	164,15	16:54	247,7
09/11/20	06:53	112,53	11:53:51,41	31,04	166	16:53	247,31
10/11/20	06:55	112,92	11:53:57,35	30,76	167,84	16:52	246,92
11/11/20	06:56	113,31	11:54:04,16	30,49	169,69	16:51	246,54
12/11/20	06:57	113,68	11:54:11,84	30,22	171,53	16:50	246,16
13/11/20	06:58	114,06	11:54:20,39	29,95	173,37	16:49	245,79
14/11/20	07:00	114,42	11:54:29,79	29,69	175,19	16:48	245,43

2017-2020 IMCCE P=0 - SMA P=1 atm

15/11/20	07:01	114,78	11:54:40,04	29,44	177,01	16:47	245,08
16/11/20	07:02	115,13	11:54:51,14	29,19	178,82	16:46	244,73
17/11/20	07:03	115,47	11:55:03,07	28,95	180,61	16:45	244,39
18/11/20	07:05	115,81	11:55:15,81	28,71	182,39	16:45	244,06
19/11/20	07:06	116,14	11:55:29,37	28,48	184,15	16:44	243,73
20/11/20	07:07	116,46	11:55:43,73	28,25	185,89	16:43	243,41
21/11/20	07:08	116,77	11:55:58,87	28,03	187,61	16:43	243,11
22/11/20	07:09	117,08	11:56:14,79	27,82	189,3	16:42	242,81
23/11/20	07:10	117,37	11:56:31,48	27,61	190,97	16:41	242,51
24/11/20	07:12	117,66	11:56:48,93	27,41	192,61	16:41	242,23
25/11/20	07:13	117,94	11:57:07,11	27,22	194,21	16:40	241,96
26/11/20	07:14	118,21	11:57:26,03	27,03	195,79	16:40	241,69
27/11/20	07:15	118,47	11:57:45,67	26,85	197,33	16:39	241,43
28/11/20	07:16	118,72	11:58:06,00	26,67	198,82	16:39	241,19
29/11/20	07:17	118,96	11:58:27,03	26,51	200,28	16:38	240,95
30/11/20	07:18	119,19	11:58:48,72	26,35	201,7	16:38	240,72
01/12/20	07:19	119,41	11:59:11,07	26,19	203,06	16:38	240,5
02/12/20	07:20	119,63	11:59:34,06	26,04	204,39	16:38	240,29
03/12/20	07:21	119,83	11:59:57,66	25,9	205,66	16:37	240,1
04/12/20	07:22	120,02	12:00:21,86	25,77	206,87	16:37	239,91
05/12/20	07:23	120,2	12:00:46,64	25,65	208,04	16:37	239,73
06/12/20	07:24	120,38	12:01:11,97	25,53	209,14	16:37	239,56
07/12/20	07:25	120,54	12:01:37,82	25,42	210,18	16:37	239,4
08/12/20	07:26	120,69	12:02:04,19	25,31	211,17	16:37	239,25
09/12/20	07:27	120,83	12:02:31,03	25,22	212,09	16:37	239,12
10/12/20	07:28	120,96	12:02:58,31	25,13	212,94	16:37	238,99
11/12/20	07:29	121,08	12:03:26,02	25,05	213,72	16:37	238,88
12/12/20	07:30	121,19	12:03:54,10	24,97	214,44	16:37	238,77
13/12/20	07:30	121,29	12:04:22,54	24,91	215,08	16:37	238,68
14/12/20	07:31	121,37	12:04:51,28	24,85	215,66	16:38	238,6
15/12/20	07:32	121,45	12:05:20,30	24,8	216,16	16:38	238,53
16/12/20	07:32	121,51	12:05:49,55	24,75	216,58	16:38	238,47
17/12/20	07:33	121,56	12:06:18,99	24,72	216,93	16:38	238,42
18/12/20	07:34	121,61	12:06:48,60	24,69	217,2	16:39	238,38
19/12/20	07:34	121,64	12:07:18,32	24,67	217,39	16:39	238,36
20/12/20	07:35	121,65	12:07:48,13	24,66	217,5	16:40	238,34
Solstizio d'inverno 21 dicembre 2020 alle ore 11h 02m locali							
21/12/20	07:35	121,66	12:08:17,98	24,66	217,54	16:40	238,34
22/12/20	07:36	121,66	12:08:47,85	24,66	217,49	16:41	238,35
23/12/20	07:36	121,64	12:09:17,70	24,67	217,37	16:41	238,37
24/12/20	07:37	121,62	12:09:47,50	24,69	217,17	16:42	238,4
25/12/20	07:37	121,58	12:10:17,21	24,72	216,9	16:42	238,44
26/12/20	07:37	121,53	12:10:46,80	24,76	216,54	16:43	238,49
27/12/20	07:38	121,47	12:11:16,25	24,8	216,11	16:44	238,56
28/12/20	07:38	121,4	12:11:45,51	24,85	215,61	16:45	238,64
29/12/20	07:38	121,31	12:12:14,57	24,91	215,03	16:45	238,72
30/12/20	07:38	121,22	12:12:43,39	24,98	214,37	16:46	238,82
31/12/20	07:39	121,11	12:13:11,94	25,05	213,65	16:47	238,93