

# LEVER et COUCHER de la LUNE 2022

AST0421D – 07 août 2019

Date (UTC)	Lever		Méridien		Coucher	
	heure (TU)	azimut	heure (TU)	hauteur	heure (TU)	azimut
2022-01-01	6:12	125°57'	10:35	19°53'	14:54	232°48'
2022-01-02	7:27	128°30'	11:41	18°38'	15:55	231°25'
2022-01-03	8:30	127°38'	12:47	19°33'	17:08	233°26'
2022-01-04	9:20	123°41'	13:50	22°26'	18:27	238°22'
2022-01-05	9:58	117°35'	14:47	26°48'	19:46	245°16'
2022-01-06	10:27	110°12'	15:39	32°08'	21:01	253°12'
2022-01-07	10:52	102°15'	16:27	37°57'	22:13	261°32'
2022-01-08	11:13	94°09'	17:11	43°53'	23:20	269°51'
2022-01-09	11:33	86°11'	17:54	49°42'		
2022-01-10	11:53	78°35'	18:36	55°12'	0:26	277°54'
2022-01-11	12:14	71°29'	19:18	60°12'	1:30	285°28'
2022-01-12	12:38	65°05'	20:02	64°32'	2:34	292°23'
2022-01-13	13:06	59°39'	20:48	68°01'	3:38	298°23'
2022-01-14	13:39	55°28'	21:36	70°30'	4:40	303°10'
2022-01-15	14:20	52°55'	22:26	71°47'	5:40	306°24'
2022-01-16	15:09	52°17'	23:18	71°45'	6:36	307°44'
2022-01-17	16:05	53°45'			7:24	306°60'
2022-01-18	17:07	57°13'	0:09	70°22'	8:05	304°15'
2022-01-19	18:13	62°25'	0:59	67°42'	8:40	299°45'
2022-01-20	19:21	68°56'	1:47	63°54'	9:08	293°51'
2022-01-21	20:29	76°27'	2:33	59°10'	9:33	286°55'
2022-01-22	21:37	84°36'	3:18	53°44'	9:55	279°15'
2022-01-23	22:47	93°09'	4:03	47°49'	10:16	271°08'
2022-01-24	23:58	101°47'	4:48	41°41'	10:37	262°47'
2022-01-25			5:35	35°35'	11:00	254°29'
2022-01-26	1:12	110°10'	6:24	29°50'	11:27	246°37'
2022-01-27	2:29	117°48'	7:18	24°50'	11:59	239°40'
2022-01-28	3:48	123°59'	8:17	21°02'	12:41	234°22'
2022-01-29	5:04	127°49'	9:20	18°54'	13:34	231°34'
2022-01-30	6:11	128°34'	10:25	18°47'	14:41	231°55'
2022-01-31	7:07	126°06'	11:29	20°42'	15:57	235°28'
2022-02-01	7:50	120°57'	12:29	24°24'	17:16	241°33'
2022-02-02	8:24	114°01'	13:24	29°24'	18:35	249°12'
2022-02-03	8:51	106°05'	14:15	35°10'	19:50	257°39'
2022-02-04	9:14	97°46'	15:02	41°17'	21:02	266°17'
2022-02-05	9:35	89°27'	15:47	47°22'	22:10	274°44'
2022-02-06	9:55	81°26'	16:30	53°11'	23:16	282°45'
2022-02-07	10:16	73°56'	17:13	58°31'		
2022-02-08	10:39	67°08'	17:57	63°12'	0:22	290°06'
2022-02-09	11:06	61°15'	18:43	67°03'	1:26	296°34'
2022-02-10	11:37	56°33'	19:30	69°54'	2:30	301°52'
2022-02-11	12:15	53°23'	20:20	71°37'	3:31	305°41'
2022-02-12	13:01	52°03'	21:11	72°03'	4:29	307°43'
2022-02-13	13:55	52°48'	22:02	71°07'	5:20	307°42'
2022-02-14	14:56	55°38'	22:53	68°52'	6:03	305°36'
2022-02-15	16:01	60°21'	23:42	65°22'	6:40	301°36'
2022-02-16	17:10	66°35'			7:11	296°03'
2022-02-17	18:19	73°58'	0:30	60°50'	7:37	289°17'
2022-02-18	19:28	82°09'	1:16	55°29'	7:60	281°39'
2022-02-19	20:38	90°47'	2:01	49°34'	8:21	273°28'
2022-02-20	21:50	99°32'	2:46	43°21'	8:42	265°01'
2022-02-21	23:03	108°04'	3:33	37°08'	9:05	256°36'
2022-02-22			4:21	31°15'	9:30	248°34'

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2022-02-23	0:19	115°56'	5:13	26°02'	9:59	241°21'
2022-02-24	1:35	122°31'	6:09	21°54'	10:37	235°34'
2022-02-25	2:51	127°07'	7:09	19°15'	11:24	231°56'
2022-02-26	3:59	128°58'	8:11	18°24'	12:24	231°06'
2022-02-27	4:58	127°44'	9:14	19°31'	13:34	233°23'
2022-02-28	5:44	123°42'	10:14	22°26'	14:51	238°23'
2022-03-01	6:21	117°32'	11:10	26°51'	16:09	245°22'
2022-03-02	6:50	109°60'	12:03	32°19'	17:26	253°31'
2022-03-03	7:14	101°45'	12:51	38°22'	18:39	262°13'
2022-03-04	7:36	93°17'	13:37	44°36'	19:50	270°57'
2022-03-05	7:57	84°56'	14:21	50°42'	20:58	279°24'
2022-03-06	8:17	76°59'	15:05	56°25'	22:06	287°16'
2022-03-07	8:40	69°40'	15:50	61°31'	23:12	294°18'
2022-03-08	9:05	63°13'	16:35	65°49'		
2022-03-09	9:34	57°55'	17:23	69°08'	0:17	300°13'
2022-03-10	10:09	54°04'	18:12	71°20'	1:20	304°45'
2022-03-11	10:52	51°58'	19:02	72°16'	2:20	307°32'
2022-03-12	11:43	51°54'	19:53	71°53'	3:13	308°19'
2022-03-13	12:41	53°56'	20:44	70°08'	3:60	307°01'
2022-03-14	13:45	57°57'	21:34	67°06'	4:39	303°43'
2022-03-15	14:53	63°40'	22:22	62°56'	5:11	298°43'
2022-03-16	16:02	70°45'	23:09	57°48'	5:39	292°19'
2022-03-17	17:12	78°49'	23:55	51°56'	6:03	284°52'
2022-03-18	18:24	87°32'			6:25	276°40'
2022-03-19	19:36	96°33'	0:41	45°38'	6:46	268°03'
2022-03-20	20:51	105°29'	1:28	39°11'	7:08	259°19'
2022-03-21	22:08	113°51'	2:17	32°58'	7:32	250°52'
2022-03-22	23:26	121°04'	3:09	27°21'	8:01	243°09'
2022-03-23			4:04	22°46'	8:36	236°45'
2022-03-24	0:43	126°23'	5:04	19°37'	9:20	232°22'
2022-03-25	1:54	129°06'	6:05	18°14'	10:15	230°40'
2022-03-26	2:54	128°47'	7:07	18°44'	11:22	231°60'
2022-03-27	3:43	125°37'	8:06	21°05'	12:35	236°07'
2022-03-28	4:21	120°11'	9:02	24°57'	13:52	242°23'
2022-03-29	4:52	113°12'	9:55	29°58'	15:07	250°03'
2022-03-30	5:17	105°17'	10:43	35°45'	16:21	258°28'
2022-03-31	5:39	96°56'	11:29	41°54'	17:31	267°11'
2022-04-01	5:59	88°31'	12:14	48°06'	18:40	275°48'
2022-04-02	6:20	80°19'	12:58	54°03'	19:48	284°01'
2022-04-03	6:41	72°37'	13:42	59°30'	20:56	291°33'
2022-04-04	7:05	65°40'	14:27	64°14'	22:02	298°06'
2022-04-05	7:32	59°44'	15:14	68°03'	23:07	303°21'
2022-04-06	8:05	55°10'	16:03	70°46'		
2022-04-07	8:44	52°16'	16:53	72°15'	0:09	306°56'
2022-04-08	9:32	51°20'	17:44	72°25'	1:05	308°35'
2022-04-09	10:27	52°31'	18:35	71°13'	1:55	308°08'
2022-04-10	11:28	55°43'	19:25	68°45'	2:36	305°38'
2022-04-11	12:34	60°43'	20:13	65°04'	3:11	301°21'
2022-04-12	13:42	67°12'	20:60	60°22'	3:40	295°33'
2022-04-13	14:52	74°51'	21:46	54°48'	4:05	288°33'
2022-04-14	16:02	83°22'	22:32	48°37'	4:27	280°39'
2022-04-15	17:15	92°25'	23:19	42°06'	4:49	272°06'
2022-04-16	18:30	101°39'			5:10	263°13'
2022-04-17	19:48	110°36'	0:08	35°35'	5:33	254°22'

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Date (UTC)	Lever		Méridien		Coucher	
2022-04-18	21:09	118°38'	0:59	29°28'	6:00	246°01'
2022-04-19	22:29	124°59'	1:55	24°14'	6:33	238°46'
2022-04-20	23:45	128°47'	2:55	20°23'	7:15	233°23'
2022-04-21			3:57	18°19'	8:08	230°38'
2022-04-22	0:50	129°27'	5:01	18°14'	9:12	231°02'
2022-04-23	1:43	127°04'	6:02	20°03'	10:25	234°24'
2022-04-24	2:24	122°12'	6:59	23°31'	11:41	240°07'
2022-04-25	2:56	115°38'	7:52	28°12'	12:56	247°23'
2022-04-26	3:22	108°02'	8:40	33°43'	14:09	255°31'
2022-04-27	3:45	99°54'	9:26	39°41'	15:19	264°03'
2022-04-28	4:05	91°36'	10:10	45°49'	16:27	272°37'
2022-04-29	4:24	83°23'	10:53	51°49'	17:35	280°56'
2022-04-30	4:45	75°31'	11:37	57°28'	18:42	288°44'
2022-05-01	5:07	68°15'	12:22	62°30'	19:49	295°43'
2022-05-02	5:33	61°52'	13:08	66°43'	20:54	301°32'
2022-05-03	6:03	56°42'	13:56	69°55'	21:58	305°51'
2022-05-04	6:40	53°04'	14:46	71°55'	22:57	308°19'
2022-05-05	7:24	51°19'	15:37	72°36'	23:49	308°42'
2022-05-06	8:16	51°39'	16:27	71°56'		
2022-05-07	9:15	54°04'	17:17	69°59'	0:33	306°60'
2022-05-08	10:18	58°19'	18:05	66°50'	1:10	303°26'
2022-05-09	11:24	64°08'	18:52	62°37'	1:41	298°17'
2022-05-10	12:32	71°10'	19:37	57°30'	2:07	291°53'
2022-05-11	13:41	79°11'	20:22	51°41'	2:29	284°29'
2022-05-12	14:51	87°53'	21:08	45°22'	2:51	276°20'
2022-05-13	16:04	97°01'	21:55	38°50'	3:11	267°41'
2022-05-14	17:21	106°12'	22:45	32°26'	3:33	258°47'
2022-05-15	18:41	114°54'	23:40	26°37'	3:58	250°03'
2022-05-16	20:04	122°20'			4:28	242°02'
2022-05-17	21:25	127°32'	0:39	21°56'	5:07	235°30'
2022-05-18	22:38	129°38'	1:43	18°56'	5:56	231°22'
2022-05-19	23:38	128°20'	2:48	17°59'	6:58	230°26'
2022-05-20			3:52	19°09'	8:11	232°50'
2022-05-21	0:24	124°07'	4:53	22°10'	9:28	237°59'
2022-05-22	0:60	117°53'	5:48	26°36'	10:46	244°58'
2022-05-23	1:28	110°27'	6:39	31°58'	11:60	252°58'
2022-05-24	1:51	102°24'	7:25	37°51'	13:11	261°26'
2022-05-25	2:11	94°09'	8:09	43°56'	14:19	269°58'
2022-05-26	2:31	85°57'	8:52	49°57'	15:26	278°18'
2022-05-27	2:51	78°02'	9:35	55°40'	16:32	286°13'
2022-05-28	3:12	70°37'	10:19	60°52'	17:38	293°26'
2022-05-29	3:36	63°58'	11:04	65°21'	18:44	299°39'
2022-05-30	4:04	58°22'	11:51	68°54'	19:48	304°30'
2022-05-31	4:39	54°10'	12:41	71°20'	20:49	307°38'
2022-06-01	5:20	51°44'	13:31	72°29'	21:44	308°46'
2022-06-02	6:09	51°20'	14:22	72°18'	22:31	307°47'
2022-06-03	7:06	53°02'	15:12	70°48'	23:10	304°51'
2022-06-04	8:07	56°38'	16:00	68°04'	23:42	300°17'
2022-06-05	9:12	61°52'	16:47	64°16'		
2022-06-06	10:18	68°22'	17:32	59°34'	0:09	294°24'
2022-06-07	11:24	75°51'	18:15	54°09'	0:33	287°30'
2022-06-08	12:32	84°03'	18:59	48°11'	0:54	279°50'
2022-06-09	13:42	92°47'	19:44	41°54'	1:14	271°35'
2022-06-10	14:55	101°45'	20:32	35°32'	1:34	262°60'

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Date (UTC)	Lever		Méridien		Coucher	
2022-06-11	16:12	110°36'	21:23	29°28'	1:57	254°20'
2022-06-12	17:33	118°42'	22:19	24°11'	2:24	246°01'
2022-06-13	18:56	125°11'	23:21	20°15'	2:57	238°39'
2022-06-14	20:15	128°59'			3:41	233°09'
2022-06-15	21:23	129°18'	0:27	18°12'	4:38	230°31'
2022-06-16	22:17	126°12'	1:34	18°23'	5:48	231°24'
2022-06-17	22:58	120°31'	2:39	20°42'	7:07	235°35'
2022-06-18	23:30	113°13'	3:39	24°46'	8:28	242°10'
2022-06-19	23:55	105°07'	4:33	29°60'	9:46	250°07'
2022-06-20			5:22	35°54'	11:00	258°42'
2022-06-21	0:17	96°43'	6:08	42°03'	12:10	267°23'
2022-06-22	0:37	88°22'	6:51	48°11'	13:18	275°53'
2022-06-23	0:57	80°19'	7:34	54°02'	14:25	283°57'
2022-06-24	1:17	72°44'	8:18	59°23'	15:30	291°22'
2022-06-25	1:40	65°52'	9:02	64°05'	16:36	297°52'
2022-06-26	2:07	59°58'	9:48	67°55'	17:41	303°09'
2022-06-27	2:39	55°20'	10:37	70°41'	18:42	306°49'
2022-06-28	3:18	52°21'	11:27	72°14'	19:39	308°35'
2022-06-29	4:05	51°18'	12:18	72°27'	20:29	308°14'
2022-06-30	4:60	52°21'	13:08	71°21'	21:10	305°53'
2022-07-01	5:60	55°25'	13:57	68°59'	21:44	301°46'
2022-07-02	7:04	60°10'	14:44	65°30'	22:13	296°16'
2022-07-03	8:09	66°17'	15:29	61°05'	22:37	289°43'
2022-07-04	9:14	73°24'	16:13	55°57'	22:58	282°23'
2022-07-05	10:20	81°16'	16:55	50°15'	23:18	274°29'
2022-07-06	11:27	89°37'	17:38	44°13'	23:38	266°13'
2022-07-07	12:37	98°16'	18:23	38°02'	23:59	257°49'
2022-07-08	13:49	106°55'	19:11	32°00'		
2022-07-09	15:06	115°10'	20:03	26°29'	0:22	249°33'
2022-07-10	16:26	122°20'	21:01	21°57'	0:51	241°54'
2022-07-11	17:47	127°29'	22:04	18°58'	1:29	235°33'
2022-07-12	19:01	129°35'	23:11	18°01'	2:18	231°26'
2022-07-13	20:02	128°08'			3:22	230°30'
2022-07-14	20:50	123°30'	0:18	19°18'	4:38	233°09'
2022-07-15	21:27	116°39'	1:22	22°39'	6:00	238°51'
2022-07-16	21:56	108°34'	2:20	27°33'	7:23	246°31'
2022-07-17	22:20	99°57'	3:13	33°25'	8:41	255°12'
2022-07-18	22:41	91°17'	4:02	39°44'	9:56	264°11'
2022-07-19	23:01	82°53'	4:47	46°05'	11:06	273°03'
2022-07-20	23:22	74°59'	5:31	52°12'	12:15	281°29'
2022-07-21	23:44	67°47'	6:15	57°50'	13:22	289°15'
2022-07-22			6:60	62°49'	14:28	296°07'
2022-07-23	0:10	61°32'	7:46	66°56'	15:33	301°49'
2022-07-24	0:40	56°28'	8:34	70°02'	16:36	305°60'
2022-07-25	1:17	52°58'	9:23	71°57'	17:34	308°21'
2022-07-26	2:01	51°19'	10:14	72°34'	18:26	308°37'
2022-07-27	2:54	51°46'	11:04	71°51'	19:10	306°50'
2022-07-28	3:53	54°16'	11:54	69°49'	19:46	303°10'
2022-07-29	4:56	58°36'	12:42	66°37'	20:16	297°59'
2022-07-30	6:01	64°25'	13:28	62°26'	20:42	291°39'
2022-07-31	7:07	71°20'	14:12	57°26'	21:03	284°29'
2022-08-01	8:13	79°01'	14:54	51°52'	21:23	276°43'
2022-08-02	9:19	87°14'	15:37	45°56'	21:43	268°36'
2022-08-03	10:27	95°44'	16:20	39°52'	22:03	260°20'

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Date (UTC)	Lever		Méridien		Coucher	
2022-08-04	11:37	104°15'	17:06	33°52'	22:25	252°10'
2022-08-05	12:50	112°28'	17:55	28°17'	22:50	244°27'
2022-08-06	14:06	119°54'	18:49	23°29'	23:23	237°43'
2022-08-07	15:24	125°47'	19:47	19°55'		
2022-08-08	16:39	129°13'	20:51	18°05'	0:05	232°42'
2022-08-09	17:46	129°25'	21:56	18°19'	1:01	230°20'
2022-08-10	18:39	126°14'	23:01	20°42'	2:10	231°18'
2022-08-11	19:21	120°21'			3:29	235°36'
2022-08-12	19:53	112°40'	0:02	24°55'	4:53	242°28'
2022-08-13	20:20	104°02'	0:58	30°28'	6:14	250°55'
2022-08-14	20:42	95°05'	1:50	36°46'	7:33	260°05'
2022-08-15	21:03	86°15'	2:38	43°21'	8:47	269°20'
2022-08-16	21:24	77°52'	3:24	49°49'	9:58	278°16'
2022-08-17	21:46	70°10'	4:09	55°51'	11:08	286°34'
2022-08-18	22:11	63°23'	4:55	61°14'	12:16	293°60'
2022-08-19	22:40	57°47'	5:41	65°46'	13:23	300°15'
2022-08-20	23:14	53°40'	6:29	69°17'	14:28	305°03'
2022-08-21	23:56	51°23'	7:18	71°38'	15:28	308°03'
2022-08-22			8:09	72°41'	16:22	309°01'
2022-08-23	0:46	51°08'	8:59	72°23'	17:09	307°52'
2022-08-24	1:43	53°01'	9:49	70°45'	17:47	304°44'
2022-08-25	2:46	56°51'	10:38	67°53'	18:19	299°57'
2022-08-26	3:51	62°18'	11:25	63°56'	18:46	293°51'
2022-08-27	4:58	68°60'	12:10	59°06'	19:09	286°48'
2022-08-28	6:05	76°37'	12:53	53°36'	19:29	279°03'
2022-08-29	7:12	84°50'	13:36	47°39'	19:49	270°54'
2022-08-30	8:19	93°23'	14:19	41°31'	20:08	262°33'
2022-08-31	9:29	102°00'	15:04	35°26'	20:29	254°17'
2022-09-01	10:41	110°22'	15:52	29°42'	20:53	246°25'
2022-09-02	11:55	118°01'	16:43	24°40'	21:23	239°24'
2022-09-03	13:12	124°23'	17:39	20°44'	22:00	233°51'
2022-09-04	14:26	128°39'	18:39	18°19'	22:49	230°32'
2022-09-05	15:34	130°03'	19:42	17°47'	23:51	230°12'
2022-09-06	16:31	128°13'	20:45	19°16'		
2022-09-07	17:16	123°29'	21:46	22°40'	1:05	233°08'
2022-09-08	17:51	116°35'	22:44	27°37'	2:25	238°53'
2022-09-09	18:19	108°21'	23:37	33°36'	3:47	246°38'
2022-09-10	18:43	99°26'			5:06	255°32'
2022-09-11	19:04	90°23'	0:26	40°10'	6:23	264°54'
2022-09-12	19:25	81°34'	1:14	46°50'	7:36	274°13'
2022-09-13	19:47	73°18'	1:60	53°15'	8:48	283°04'
2022-09-14	20:10	65°53'	2:46	59°07'	9:59	291°08'
2022-09-15	20:38	59°36'	3:33	64°10'	11:08	298°07'
2022-09-16	21:10	54°46'	4:21	68°13'	12:15	303°40'
2022-09-17	21:50	51°41'	5:10	71°05'	13:18	307°29'
2022-09-18	22:37	50°38'	6:01	72°40'	14:16	309°15'
2022-09-19	23:32	51°45'	6:52	72°52'	15:05	308°52'
2022-09-20			7:43	71°43'	15:47	306°25'
2022-09-21	0:33	54°55'	8:32	69°17'	16:21	302°10'
2022-09-22	1:38	59°50'	9:19	65°41'	16:49	296°29'
2022-09-23	2:44	66°10'	10:05	61°07'	17:13	289°40'
2022-09-24	3:51	73°35'	10:49	55°46'	17:34	282°02'
2022-09-25	4:59	81°45'	11:33	49°51'	17:54	273°51'
2022-09-26	6:08	90°24'	12:16	43°37'	18:13	265°21'

# LEVER et COUCHER de la LUNE 2022

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Date (UTC)	Lever		Méridien		Coucher	
2022-09-27	7:18	99°14'	13:01	37°20'	18:34	256°50'
2022-09-28	8:30	107°56'	13:49	31°19'	18:57	248°37'
2022-09-29	9:45	116°02'	14:39	25°56'	19:25	241°09'
2022-09-30	11:02	122°57'	15:34	21°35'	19:60	235°01'
2022-10-01	12:18	127°57'	16:33	18°40'	20:44	230°57'
2022-10-02	13:28	130°16'	17:35	17°33'	21:42	229°40'
2022-10-03	14:27	129°27'	18:37	18°23'	22:50	231°31'
2022-10-04	15:14	125°41'	19:37	21°06'		
2022-10-05	15:51	119°37'	20:34	25°25'	0:07	236°17'
2022-10-06	16:20	111°59'	21:27	30°55'	1:26	243°13'
2022-10-07	16:45	103°27'	22:17	37°11'	2:45	251°34'
2022-10-08	17:07	94°31'	23:04	43°47'	4:01	260°39'
2022-10-09	17:27	85°35'	23:50	50°21'	5:15	269°58'
2022-10-10	17:48	76°59'			6:27	279°04'
2022-10-11	18:11	69°03'	0:36	56°33'	7:38	287°37'
2022-10-12	18:36	62°06'	1:23	62°04'	8:49	295°15'
2022-10-13	19:07	56°28'	2:11	66°41'	9:58	301°37'
2022-10-14	19:44	52°31'	3:01	70°09'	11:05	306°19'
2022-10-15	20:28	50°34'	3:52	72°19'	12:06	309°01'
2022-10-16	21:20	50°48'	4:43	73°06'	12:59	309°32'
2022-10-17	22:19	53°09'	5:34	72°30'	13:44	307°53'
2022-10-18	23:22	57°24'	6:24	70°34'	14:21	304°20'
2022-10-19			7:12	67°27'	14:51	299°12'
2022-10-20	0:28	63°10'	7:58	63°17'	15:16	292°51'
2022-10-21	1:34	70°08'	8:42	58°15'	15:38	285°33'
2022-10-22	2:41	78°01'	9:26	52°33'	15:58	277°33'
2022-10-23	3:50	86°32'	10:10	46°22'	16:17	269°05'
2022-10-24	4:60	95°27'	10:54	39°59'	16:37	260°24'
2022-10-25	6:12	104°25'	11:41	33°41'	16:59	251°49'
2022-10-26	7:28	113°03'	12:32	27°51'	17:25	243°47'
2022-10-27	8:47	120°44'	13:27	22°55'	17:58	236°52'
2022-10-28	10:06	126°40'	14:26	19°22'	18:40	231°52'
2022-10-29	11:20	130°01'	15:28	17°36'	19:35	229°35'
2022-10-30	12:24	130°10'	16:31	17°50'	20:41	230°30'
2022-10-31	13:14	127°13'	17:32	20°01'	21:56	234°27'
2022-11-01	13:54	121°47'	18:30	23°52'	23:14	240°47'
2022-11-02	14:25	114°39'	19:23	28°58'		
2022-11-03	14:50	106°30'	20:12	34°55'	0:32	248°38'
2022-11-04	15:11	97°51'	20:59	41°17'	1:47	257°21'
2022-11-05	15:32	89°03'	21:45	47°46'	2:59	266°25'
2022-11-06	15:52	80°26'	22:30	54°03'	4:10	275°28'
2022-11-07	16:13	72°17'	23:15	59°50'	5:21	284°09'
2022-11-08	16:37	64°55'			6:31	292°09'
2022-11-09	17:05	58°40'	0:03	64°51'	7:41	299°06'
2022-11-10	17:39	53°56'	0:52	68°50'	8:49	304°34'
2022-11-11	18:21	51°05'	1:42	71°36'	9:53	308°11'
2022-11-12	19:10	50°24'	2:34	72°59'	10:50	309°38'
2022-11-13	20:06	51°54'	3:26	72°57'	11:39	308°51'
2022-11-14	21:08	55°24'	4:16	71°32'	12:19	306°02'
2022-11-15	22:12	60°33'	5:05	68°54'	12:51	301°32'
2022-11-16	23:17	66°58'	5:51	65°11'	13:18	295°43'
2022-11-17			6:35	60°34'	13:40	288°54'
2022-11-18	0:23	74°21'	7:18	55°13'	14:01	281°19'
2022-11-19	1:30	82°28'	8:01	49°20'	14:20	273°10'

# LEVER et COUCHER de la LUNE 2022

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Date (UTC)	Lever		Méridien		Coucher	
2022-11-20	2:38	91°07'	8:44	43°05'	14:39	264°38'
2022-11-21	3:48	100°03'	9:30	36°44'	14:60	255°59'
2022-11-22	5:03	108°55'	10:19	30°36'	15:24	247°34'
2022-11-23	6:21	117°14'	11:12	25°06'	15:54	239°55'
2022-11-24	7:42	124°15'	12:11	20°46'	16:32	233°48'
2022-11-25	9:02	128°57'	13:14	18°06'	17:23	230°10'
2022-11-26	10:13	130°28'	14:19	17°31'	18:27	229°48'
2022-11-27	11:10	128°33'	15:24	19°04'	19:42	232°50'
2022-11-28	11:54	123°44'	16:24	22°30'	21:02	238°37'
2022-11-29	12:28	116°55'	17:20	27°21'	22:21	246°11'
2022-11-30	12:55	108°58'	18:11	33°07'	23:37	254°45'
2022-12-01	13:18	100°26'	18:58	39°23'		
2022-12-02	13:38	91°44'	19:43	45°47'	0:50	263°42'
2022-12-03	13:57	83°09'	20:27	52°03'	2:01	272°40'
2022-12-04	14:18	74°58'	21:12	57°55'	3:10	281°21'
2022-12-05	14:40	67°26'	21:58	63°08'	4:19	289°28'
2022-12-06	15:06	60°50'	22:45	67°28'	5:28	296°42'
2022-12-07	15:38	55°33'	23:35	70°40'	6:36	302°41'
2022-12-08	16:16	51°60'			7:42	306°59'
2022-12-09	17:03	50°29'	0:27	72°34'	8:41	309°15'
2022-12-10	17:57	51°12'	1:18	73°03'	9:33	309°17'
2022-12-11	18:57	54°00'	2:10	72°09'	10:16	307°11'
2022-12-12	19:60	58°34'	2:59	69°57'	10:51	303°17'
2022-12-13	21:04	64°30'	3:46	66°37'	11:20	297°57'
2022-12-14	22:09	71°26'	4:30	62°22'	11:43	291°33'
2022-12-15	23:14	79°07'	5:13	57°22'	12:04	284°23'
2022-12-16			5:54	51°48'	12:23	276°37'
2022-12-17	0:19	87°21'	6:36	45°51'	12:41	268°28'
2022-12-18	1:26	95°55'	7:19	39°42'	13:01	260°04'
2022-12-19	2:37	104°38'	8:05	33°34'	13:23	251°42'
2022-12-20	3:52	113°07'	8:55	27°49'	13:49	243°43'
2022-12-21	5:11	120°49'	9:51	22°51'	14:22	236°46'
2022-12-22	6:32	126°50'	10:52	19°16'	15:07	231°43'
2022-12-23	7:49	130°05'	11:58	17°35'	16:05	229°37'
2022-12-24	8:55	129°47'	13:05	18°08'	17:18	231°07'
2022-12-25	9:47	126°03'	14:10	20°53'	18:39	235°59'
2022-12-26	10:27	119°43'	15:10	25°23'	20:02	243°14'
2022-12-27	10:57	111°50'	16:05	31°04'	21:23	251°48'
2022-12-28	11:22	103°10'	16:54	37°23'	22:39	260°56'
2022-12-29	11:43	94°18'	17:41	43°55'	23:52	270°06'
2022-12-30	12:03	85°33'	18:26	50°20'		
2022-12-31	12:23	77°12'	19:10	56°21'	1:02	278°58'