2021年1月の電波光学同時流星観測報告

平塚市博物館 天体観察会 流星分科会 永井和男 2021年4月25日 第五回 流星電波懇談会 on Zoom

TV観測:平塚市博物館流星分科会 画像提供:岡澤智,萩原亜香,横関秀美,戸村比呂子 電波観測:神作哲夫(東京都東村山市)





モチベーションと 観測に関して

• 継続課題

- 対地速度と電波の強弱の関係を観測的に確認する
- なぜ、電波と光学の同時流星は少ないのか?
- 前回までの考察結果
 - 電波エコーの適度な高度範囲はどの位なのか? → 高度範囲は見当たらなかった
 - 本当に継続時間0.6秒以下の方が電波光学の同時流星が多いのか? → 発光継続時間が短い流星が多いから
- 観測に関して
 - 2020年7,8月の検討結果から観測地点と観測方向を固定した方が評価しやすい事が分かりました
 (電波も光学も同じ場所で同じ方向を観測する、観測方向がバラバラにならないようにする)
 - 光学観測(TV観測)は平塚市博物館のTV観測ネットワークの観測結果を使用しました (KN9永井のみSonotaCo net掲示板に報告しています)
 - 電波観測は東京都東村山市の神作さんのIZUアンテナ(アンテナ方向伊豆諸島方面)の画像を使用
 流星電波観測ライブ(http://www5f.biglobe.ne.jp/~hro/Live/index.htm)からダウンロードしました
 - HRO電波送信所は福井県立大学アマチュア流星電波観測研究所の50M帯の電波を使用させて頂いております

前回のおさらい 対地速度と電波の強弱の関係を観測的に確認する



前回のおさらい

なぜ、電波と光学の同時流星は少ないのか?

- 光学流星が電波で受信されない
 - 流星の発光は等方性があるのでカメラの方向に流星が出現すれば(暗くなければ)記録される
 - 一方、電波エコーには指向性があるので光学的に見えていても電波エコーを受信できるとは限らない
- 電波流星が光学で観測されない
 - 暗い流星の方がたくさん有るはずで、
 - 電波流星が多い理由はカメラに写らないような暗い流星でも強い電波エコーが発生する?
 - グラフからはそのようには見えない
 - 継続検討



 \rightarrow hard \rightarrow soft 観測・解析手順 電波観測 インターネット 自宅観測 とても PC SDR → \rightarrow TV観測 PC カメラ 時間が掛かる \rightarrow アンテナ 手は作こ SDR UFO 動体検出 sharp (1) *** capture \mathbf{v} HRO 手作業ですが手順通りマウス Web画像の場合、必要 手作業 UFO FFT クリックするだけで時間は掛 な日時のPNG画像を表 はここ analyzer かりません.結果に意義あれば <u>示して右クリックして</u> 手作業で解析します 画像を保存. 一日分は UFO PNG 144枚、30日で4320枚 他の観測者 数値化されていない \rightarrow orbit 画像 のデータ \mathbf{V} 目視で流星エコーの判定選別をする 手作業 HRO 光学同時流星 CSV Compare 周波数・形状・レベル はここ view HROFFTで流星判定されていてもノイズの 場合がある.あるいは判定されない低レベ 同時流星を探す 電波・光学同時流星探し Х ルでも流星の可能性がある 今まではexcelで時刻 手作業 流星エコーっぽくても固有の局発のズレを U2 20210101 csv で sort して 目視 で 判定 CSV はここ 考慮して判定する 今回はプログラムを hrodata2.csv ○ 閏年 作成し自動化 とてつもなく 前 2 後 4 秒 OK 時間が掛かる インターネット画像を使ってHRO viewでひと月分の画像入手から解析までに一週間程度掛かります

インターネットから画像取得のところ



電波光学同時流星の検出数

- (1月の) 電波観測は夕方17時から翌朝6時30分までの観測を用いました
- 光学観測の検出数は光学の同時流星から軌道が求まった流星の数です
- 光学観測の解析にはUFOOrbitV2を用いてQ1で解析しました

今回	左日	雪 油	と単		同時		供来
	牛月	电次	九子	数	電波から見た%	光学から見た%	加方
	2021年1月	1008	636	14	1.4	2.0	光学は13個

ひとつの光学流星に エコーが2つあった

前回	左口	雷冲	业世		同時	
	平 月	电次	元子	数	電波から見た%	光学から見た%
	2020年10月	1719	257	5	0.3	1.9
	2020年11月	1409	544	7	0.5	1.3
	2020年12月	1537	1111	34	2.2	3.1

- 電波と光学の同時流星はとても少なく
- 1月も光学流星の数が増えると電波光学同時流星も増えるようです

2021年1月の電波光学同時流星内訳

year/month	No	Obs	電波画像	電波時刻	光学時刻	継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2	分光	remarks
Jan-21	1	東村山	Izu2101022300.png	_20210102_230904	_20210102_230906	0.18	2	強	8.4E+14	UNDER	_spo	1.74	16.7	87.9	139.77	34.44	84.5	139.78	34.43		
Jan-21	2	東村山	Izu2101040250.png	_20210104_025534	_20210104_025534	0.59	15	強	4.2E+16	OVER	_J5_Qua	-1.52	41.4	99.6	138.92	34.24	85.3	138.75	34.12		
Jan-21	3	東村山	Izu2101040310.png	_20210104_032000	_20210104_031958	0.41	2	強	5.3E+16	UNDER	_J5_Qua	-1.86	38.4	96.5	139.16	33.95	86.1	139.06	33.87		
Jan-21	4	東村山	Izu2101040320.png	_20210104_032002	_20210104_031958	0.41	12	強	5.3E+16	OVER	_J5_Qua	-1.86	38.4	96.5	139.16	33.95	86.1	139.06	33.87		_20210104_032000と同じか?
Jan-21	5	東村山	Izu2101040320.png	_20210104_032358	_20210104_032359	0.95	2	啜	9.5E+16	UNDER	_J5_Qua	-2.40	41.4	103.7	139.59	34.30	79.1	139.31	34.12	あり	
Jan-21	6	東村山	Izu2101040500.png	_20210104_050735	_20210104_050737	0.16	6	強	1.8E+16	OVER	_spo	-0.57	43.2	93.8	139.58	34.42	87.6	139.55	34.41		
Jan-21	7	東村山	Izu2101090450.png	_20210109_045253	_20210109_045250	0.13	1	強	6.4E+15	UNDER	_spo	0.38	36.6	104.4	139.71	34.05	100.5	139.74	34.05		
Jan-21	8	東村山	Izu2101111850.png	_20210111_185742	_20210111_185741	0.78	2	強	1.3E+15	UNDER	_spo	1.02	13.3	93.4	139.45	34.61	81.4	139.46	34.54		
Jan-21	9	東村山	Izu2101130600.png	_20210113_060618	_20210113_060616	1.20	5	強	7.9E+16	UNDER	_spo	-2.84	23.0	102.4	139.74	34.76	79.8	139.64	34.57		
Jan-21	10	東村山	Izu2101142210.png	_20210114_221326	_20210114_221327	0.27	5	弱	2.3E+15	UNDER	_spo	1.43	34.1	90.1	139.08	35.01	85.5	139.04	34.95		
Jan-21	11	東村山	Izu2101190510.png	_20210119_051242	_20210119_051240	0.48	1	啜	4.6E+16	UNDER	_J5_xUm	-1.57	43.2	93.4	140.26	33.71	75.7	140.39	33.70	あり	
Jan-21	12	東村山	Izu2101210130.png	_20210121_013247	_20210121_013247	1.03	6	強	9.6E+15	UNDER	_spo	-0.42	25.7	95.9	139.16	34.99	77.5	139.07	34.80		
Jan-21	13	東村山	Izu2101220300.png	_20210122_030243	_20210122_030241	0.46	1	弱	1.2E+15	UNDER	_spo	1.45	18.9	91.4	139.14	34.55	83.9	139.21	34.53		
Jan-21	14	東村山	Izu2101260350.png	_20210126_035351	_20210126_035347	0.80	1	強	5.3E+15	UNDER	_spo	0.35	29.1	102.6	139.55	34.88	84.5	139.51	34.73		

- 1か月で14個
- 1月4日にしぶんぎが4件ありました
- 今回は緯度経度の項目を追加しました

報告済みの物 2020年7,8月の電波光学同時流星内訳

year/month	No	Obs	電波画像	電波時刻	光学時刻	継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	Amag	Vg	H1	H2	分光 KN9_03	remarks
Jul-20	1	茅ヶ崎	KN9_2007301950.png	_20200730_195011	_20200730_195008	0.47	35	強	9.2E+16	over	_J5_Per	-2.1	51.8	90.9	86.7	×	同じ流星、LONGエコー
Aug-20	1	茅ヶ崎	KN9_2008020130.png	_20200802_013920	_20200802_013900	0.50	8	畷	1.8E+15	under	_J5_sdA	1.9	40.7	100.5	87.0	×	たぶん同じ流星
	2	茅ヶ崎	KN9_2008040200.png	20200804_020139	20200804_020102	0.28	29	強	3.1E+15	over	_J5_sdA	1.1	35.1	89.2	82.5	×	同じ流星、LONGエコー、違うかも
	3	茅ヶ崎	KN9_2008102240.png	_20200810_224556	_20200810_224548	0.47	23	中	3.7E+16	over	_J5_Per	-1.2	48.9	102.4	89.8	х	同じ流星、LONGエコー
	4	茅ヶ崎	KN9_2008110300.png	20200811_030529	20200811_030545	0.10	1	翳	3.0E+15	under	spo	1.6	51.3	104.7	100.5	×	同じ流星かも知れない
	5	茅ヶ崎	KN9_2008122320.png	_20200812_232440	_20200812_232507	0.57	12	強	2.6E+16	over	_spo	-1.0	41.2	107.1	84.9	×	電波の方が先に検出、時刻は似ている
	6	茅ヶ崎	KN9_2008130051.png	_20200813_005336	_20200813_005343	0.35	1	畷	6.7E+15	under	_J5_Per	0.8	58.0	105.6	93.0	×	同じ流星
	7	茅ヶ崎	KN9_2008130120.png	_20200813_012254	_20200813_012315	0.33	7	畷	5.7E+16	over	_J5_Per	-1.5	58.8	103.3	90.3	×	同じ流星かも知れない、断続的なLONGエコー
	8	茅ヶ崎	KN9_2008130330.png	_20200813_033042	_20200813_033022	0.10	39	Ŧ	1.4E+17	over	_J5_Per	-2.6	51.1	87.9	83.1	あり	同じ流星、LONGエコー
	9	茅ヶ崎	KN9_2008130340.png	_20200813_034623	_20200813_034627	0.20	1	T	2.2E+16	over	_spo	-0.4	63.5	100.5	91.3	x	同じ流星
	10	茅ヶ崎	KN9_2008140000.png	_20200814_000819	_20200814_000815	0.40	16	強	2.9E+16	over	_J5_Per	-0.8	53.8	115.3	100.8	×	同じ流星、LONGエコー
	11	茅ヶ崎	KN9_2008140120.png	_20200814_012517	_20200814_012509	0.36	10	翳	6.4E+16	over	_spo	-1.5	63.7	104.2	93.0	×	たぶん、同じ流星
	12	茅ヶ崎	KN9_2008202340.png	_20200820_234831	_20200820_234828	0.73	1	Ŧ	8.9E+15	under	_spo	0.0	35.5	102.5	85.5	×	同じ流星
	13	茅ヶ崎	KN9_2008252320.png	_20200825_232310	_20200825_232301	0.83	41	中	1.5E+17	over	_spo	-2.5	57.3	98.1	80.0	x	同じ流星、LONGエコー
	14	茅ヶ崎	KN9_2008280400.png	_20200828_040247	_20200828_040243	0.97	7	強	1.1E+16	over	_spo	-0.2	37.8	108.2	85.7	х	同じ流星

• 2か月で14個

報告済みの物 2020年10,11,12月の電波光学同時流星内訳

year/month	No	Obs	電波画像	電波時刻	光学時刻	継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	Amag	Vg	H1	H2	分光 KN9_03	remarks
Oct-20	1	東村山	Izu2010130240.png	_20201013_024303	_20201013_024302	0.23	4	強	1.8E+16	under	_spo	-0.36	51.6	112.3	101.4	Х	
	2	東村山	Izu2010130350.png	_20201013_035623	_20201013_035619	1.19	7	弱	2.3E+16	over	_spo	-0.72	47.6	99.5	78.2	X	
	3	東村山	Izu2010210040.png	_20201021_004320	_20201021_004317	0.23	1	強	4.1E+16	under	_spo	-1.34	47.8	104.5	94.3	X	
	6	東村山	Izu2010250450.png	_20201025_045411	_20201025_045402	0.07	4	強	3.1E+15	under	_spo	1.42	45.9	105.5	103.2	X	光学が9秒早い
	7	東村山	Izu2010280320.png	_20201028_032304	_20201028_032257	0.20	1	弱	6.4E+15	under	_spo	1.00	64.0	107.9	99.6	X	光学が7秒早い
	4	東村山	Izu2010290240.png	_20201029_024623	_20201029_024623	0.13	1	強	2.1E+15	under	_spo	1.58	36.0	89.5	85.6	X	
	5	東村山	Izu2010310030.png	_20201031_003513	_20201031_003514	0.20	1	強	1.7E+15	under	_spo	1.46	26.0	87.6	82.2	×	
Nov-20	1	東村山	Izu2011100420.png	_20201110_042456	_20201110_042453	1.22	3	強	5.2E+15	under	_J5_sTa	0.24	26.1	94.9	76.7	X	
	2	東村山	Izu2011170420.png	_20201117_042928	_20201117_042926	1.68	35	弱	3.3E+16	over	_J5_oEr	-1.56	31.6	95.9	73.6	X	Long Echo
	3	東村山	Izu2011212110.png	_20201121_211904	_20201121_211906	0.20	1	弱	1.5E+15	under	_spo	1.68	28.6	93.3	90.3	×	
	4	東村山	Izu2011260330.png	_20201126_033038	_20201126_033036	0.13	1	強	1.9E+15	under	_J5_daD	1.74	37.7	94.7	92.0	X	
	5	東村山	Izu2011260530.png	_20201126_053137	_20201126_053135	0.20	1	強	5.7E+15	under	_J5_kDr	0.76	45.5	93.7	86.3	×	
	6	東村山	Izu2012010320.png	_20201201_032831	_20201201_032828	0.52	1	強	1.2E+15	under	_spo	1.49	19.0	92.2	85.9	х	
	7	東村山	Izu2012010500.png	_20201201_050939	_20201201_050939	0.10	1	弱	2.4E+15	under	_J5_daD	1.80	51.0	106.7	102.3	x	

- 10月11月の2か月で12個でした
- 12月は34個でした。ふたご群は15個(44%)でした。
- 先行研究では速度の遅いふたご群の識別率は高いとされています

報告流の弊10,11,12月の電波光学同時流星内訳

year/month	No	Obs	電波画像	電波時刻	光学時刻	継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	Amag Vg H1	H2	分光 KN9_03	remarks
Dec-20	1	東村山	Izu2012042200	_20201204_220624	_20201204_222623	0.56	3	強	7.3E+14	over	_J5_sTa	2.47 28.5 98.1	82.9	×	
	2	東村山	Izu2012060340	_20201206_034056	_20201206_034056	0.20	9	強	2.2E+16	over	_spo	-0.14 76.3 104.5	93.2	×	
	3	東村山	Izu2012060410	_20201206_041816	_20201206_041815	0.47	7	強	1.3E+16	over	_J5_Gem	-0.46 33.7 95.5	80.9	×	
	4	東村山	Izu2012061710	_20201206_171303	_20201206_171302	1.02	15	強	1.1E+17	over	_spo	-3.09 24.4 114.0	105.2	×	
	5	東村山	Izu2012070240	_20201207_024240	_20201207_024237	0.36	1	弱	6.2E+15	under	_spo	-0.21 20.3 82.6	77.0	×	
	6	東村山	Izu2012070300	_20201207_030017	_20201207_030015	0.57	4	強	1.0E+16	over	_J5_daD	0.03 42.9 94.1	80.4	×	
	7	東村山	Izu2012070300	_20201207_030918	_20201207_030919	0.27	2	強	1.6E+16	under	_spo	-0.06 61.5 108.6	91.7	×	
	8	東村山	Izu2012080240	_20201208_024222	_20201208_024221	0.43	4	強	6.9E+15	over	_J5_Gem	0.36 38.4 95.1	78.9	×	
	9	東村山	Izu2012110430	_20201211_043319	_20201211_043316	0.30	1	強	4.4E+15	over	_spo	0.62 30.9 94.2	87.2	×	
	10	東村山	Izu2012110540	_20201211_054056	_20201211_054058	0.25	1	弱	2.3E+15	under	_J5_Gem	1.28 29.7 92.8	88.0	×	
	11	東村山	Izu2012132240	_20201213_224629	20201213_224629	0.40	1	弱	1.3E+16	under	_J5_Gem	-0.39 36.5 98.8	87.4	×	
	12	東村山	Izu2012140400	_20201214_040406	_20201214_040404	0.49	1	弱	1.5E+16	under	_J5_Gem	-0.53 35.8 94.8	80.7	×	
	13	東村山	Izu2012140430	_20201214_043143	_20201214_043141	0.63	2	弱	9.2E+15	over	_J5_Gem	-0.06 34.5 99.1	82.6	×	
	14	東村山	Izu2012140430	_20201214_043404	_20201214_043401	0.24	1	弱	3.5E+15	over	_J5_Gem	0.93 32.6 93.1	86.5	×	
	15	東村山	Izu2012140440	_20201214_044355	_20201214_044354	0.24	1	弱	4.0E+15	over	_J5_Gem	0.76 32.2 92.4	85.9	×	
	16	東村山	Izu2012140440	_20201214_044843	_20201214_044842	0.76	4	弱	4.2E+16	over	_J5_Gem	-1.70 34.8 100.1	80.0	×	
	17	東村山	Izu2012140450	_20201214_045710	_20201214_045709	0.68	1	弱	2.2E+16	over	_J5_Gem	-0.97 35.4 116.5	100.6	×	
	18	東村山	Izu2012140450	_20201214_045843	20201214_045846	0.19	1	弱	1.4E+16	over	_spo	-0.11 51.1 99.9	94.8	×	
	19	東村山	Izu2012140500	_20201214_050124	_20201214_050123	0.30	1	弱	2.4E+15	over	_J5_Gem	1.35 33.2 95.2	87.4	×	
	20	東村山	Izu2012140520	_20201214_052243	_20201214_052240	0.39	2	弱	6.3E+15	over	_J5_Gem	0.31 33.5 91.4	81.5	×	
	21	東村山	Izu2012140550	_20201214_055727	_20201214_055727	0.47	3	弱	7.6E+15	under	_J5_Gem	0.04 31.6 91.9	81.6	×	
	22	東村山	Izu2012150010	_20201215_001314	_20201215_001317	1.20	1	強	5.8E+16	over	_J5_Gem	-2.16 31.7 92.5	54.8	×	
	23	東村山	Izu2012150040	_20201215_004859	_20201215_004901	0.35	1	弱	3.5E+16	under	_spo	-1.37 39.0 93.0	79.7	×	
	24	東村山	Izu2012150130	_20201215_013621	_20201215_013618	0.20	3	強	9.4E+15	under	_spo	0.04 38.8 98.4	92.5	×	
	25	東村山	Izu2012150540	_20201215_054441	_20201215_054440	0.53	2	強	8.0E+15	under	_J5_Gem	0.04 32.8 96.2	83.9	×	
	26	東村山	Izu2012170110	_20201217_011939	_20201217_011936	0.16	1	強	3.9E+15	under	_J5_daD	1.26 50.0 96.0	92.6	×	
	27	東村山	Izu2012170230	_20201217_023948	_20201217_023946	0.70	2	強	2.5E+15	over	_J5_sTa	0.85 21.4 88.0	77.1	×	
	28	東村山	Izu2012190010	_20201219_001429	_20201219_001426	0.67	1	弱	5.3E+15	under	_spo	-0.34 15.4 103.8	90.7	あり	
	29	東村山	Izu2012190440	_20201219_044653	_20201219_044650	0.95	6	強	1.8E+16	under	_spo	-0.77 35.7 119.6	96.5	×	
	30	東村山	Izu2012200210	_20201220_021356	_20201220_021353	0.57	1	弱	2.9E+15	under	_spo	0.66 21.1 87.9	76.7	×	
	31	東村山	Izu2012290410	_20201229_041824	_20201229_041821	0.23	1	弱	9.4E+14	under	_spo	2.24 29.5 95.2	90.6	х	
	32	東村山	Izu2012310250	_20201231_025328	_20201231_025326	0.23	3	強	2.2E+15	under	_spo	1.39 30.7 90.1	83.8	х	· · · · · · · · · · · · · · · · · · ·
	33	東村山	Izu2012310300	_20201231_030812	20201231_030809	1.03	1	弱	8.8E+15	under	_spo	-0.45 23.0 95.3	76.7	X	
	34	東村山	Izu2012310600	_20201231_060742	20201231_060740	0.46	8	強	1.4E+17	over	_spo	-2.66 46.4 101.0	80.8	х	

参考:1月のSonotaCo NetとIZUの同時流星

|

 |

 | | 和本形元中于[1] | 禄電子密度 | _stream
 | 市区区中市区
 | 刘迅速度 | _H1 | *至度
 | 程度1 |
 | *至1夏2 | <u>緯度2</u> |

--
--

---|--|--|---
--
---|--|---

--|--|---
--|
| 1 Izu2101020040.png

 | _20210102_004141

 | _20210102_004138 | 0.30 | 1.6E+16 | _spo
 | -0.06
 | 61.1 | 108.6 | 137.2
 | 36.6 | 98.2
 | 137.0 | 36.7 |
| 2 Izu2101020310.png

 | _20210102_031658

 | _20210102_031654 | 0.75 | 2.4E+17 | _spo
 | -3.01
 | 59.5 | 121.5 | 137.0
 | 35.4 | 85.6
 | 136.7 | 35.3 |
| 3 Izu2101020540.png

 | _20210102_054054

 | _20210102_054052 | 0.68 | 2.5E+17 | _J5_aHy
 | -3.44
 | 41.6 | 92.9 | 136.9
 | 39.2 | 83.9
 | 137.2 | 39.3 |
| 4 Izu2101021740.png

 | _20210102_174502

 | _20210102_174501 | 0.41 | 1.2E+16 | _spo
 | -0.66
 | 26.5 | 83.1 | 135.6
 | 34.9 | 79.1
 | 135.7 | 34.8 |
| 5 Izu2101021800.png

 | _20210102_180011

 | _20210102_180010 | 1.30 | 4.4E+15 | _spo
 | 0.29
 | 23.2 | 98.0 | 137.5
 | 35.3 | 77.6
 | 137.5 | 35.1 |
| 6 Izu2101030250.png

 | _20210103_025041

 | _20210103_025038 | 0.28 | 5.1E+16 | _spo
 | -1.59
 | 47.1 | 107.6 | 135.6
 | 36.0 | 96.6
 | 135.5 | 36.0 |
| 7 Izu2101030450.pna

 | 20210103 045636

 | 20210103 045634 | 0.34 | 6.1E+16 | J5 Qua
 | -1.94
 | 40.7 | 95.3 | 135.9
 | 35.5 | 85.4
 | 135.8 | 35.5 |
| 8 Izu2101030500 pns

 | 20210103 050945

 | 20210103 050946 | 0.20 | 9.1E+16 | spo
 | -1.80
 | 68.5 | 108.5 | 139.8
 | 36.2 | 96.6
 | 139.8 | 36.3 |
| 9 Jzu2101030510 pp

 | 20210103 051038

 | 20210103 051037 | 0.23 | 2 5E+16 | 15 Qua
 | -1.04
 | 37.6 | 974 | 137.6
 | 34.3 | 89.9
 | 137.6 | 34.3 |
| 10 12:02101020540

 | 20210103 054843

 | 20210102 054830 | 0.23 | 6.75+16 |
 | -2.04
 | 40.8 | 06.9 | 126.1
 | 24 E | 917
 | 126.0 | 24 E |
| 10 1202101030340.pm

 | _20210103_034842

 | _20210103_034839 | 0.41 | 0.7E+10 |
 | -2.04
 | 40.8 | 90.8 | 100.5
 | 34.5 | 01.7
 | 130.0 | 34.5 |
| 11 12u2101032310.png

 | _20210103_231245

 | _20210103_231241 | 0.82 | 5.9E+16 | _ <u>J5_Qua</u>
 | -1.92
 | 39.8 | 98.3 | 139.5
 | 36.3 | 94.9
 | 139.3 | 36.0 |
| 12 Izu2101032330.png

 | _20210103_233320

 | _20210103_233317 | 1.82 | 2.7E+16 | _J5_Qua
 | -1.11
 | 39.3 | 102.0 | 136.7
 | 35.1 | 92.1
 | 136.3 | 34.5 |
| 13 Izu2101032340.png

 | _20210103_234912

 | _20210103_234913 | 0.30 | 4.2E+15 | _spo
 | 1.13
 | 47.7 | 106.0 | 136.7
 | 34.8 | 95.8
 | 136.6 | 34.7 |
| 14 Izu2101040130.png

 | _20210104_013215

 | _20210104_013214 | 1.53 | 3.1E+17 | _J5_Qua
 | -3.70
 | 41.0 | 102.1 | 139.7
 | 35.2 | 78.4
 | 139.2 | 34.8 |
| 15 Izu2101040210.png

 | _20210104_021739

 | _20210104_021738 | 0.36 | 1.7E+16 | _J5_Qua
 | -0.57
 | 39.7 | 96.4 | 138.6
 | 34.9 | 89.2
 | 138.5 | 34.8 |
| 16 Izu2101040210.png

 | _20210104_021812

 | _20210104_021810 | 0.53 | 5.4E+17 | _J5_Qua
 | -4.27
 | 42.3 | 95.0 | 137.1
 | 35.7 | 84.8
 | 136.9 | 35.5 |
| 17 Izu2101040240.pna

 | 20210104 024722

 | 20210104 024720 | 0.30 | 8.5E+16 | J5 Qua
 | -2.30
 | 40.5 | 90.6 | 137.4
 | 35.4 | 83.6
 | 137.3 | 35.3 |
| 18 Izu2101040250.pns

 | 20210104 025534

 | 20210104 025534 | 0.83 | 2.7E+16 | J5 Qua
 | -1.07
 | 40.3 | 100.3 | 138.9
 | 34.2 | 80.8
 | 138.7 | 34.1 |
| 19 Jzu2101040320 pp

 | 20210104 032358

 | 20210104 032400 | 0.66 | 7 6E+17 | .15 Qua
 | -4 64
 | 418 | 97.6 | 139.5
 | 34.3 | 79.9
 | 139.3 | 34.1 |
| 20 Jzu2101040340 pp

 | 20210104 034631

 | 20210104 034632 | 0.96 | 5 9 5 + 17 | 15 000
 | -4.35
 | 42.3 | 09.2 | 125.2
 | 26.7 | 70.0
 | 124.9 | 26.5 |
| 21 Jzu2101040350 pp

 | 20210104 025709

 | 20210104 035708 | 0.17 | 3.25+16 | 15 000
 | -1.27
 | 29.2 | 02.2 | 129.1
 | 34.5 | 97.4
 | 129.0 | 34.4 |
| 21 1202101040350.ph

 |

 | _20210104_035708 | 0.17 | 3.2E+10 |
 | -1.27
 | 39.2 | 92.3 | 130.1
 | 34.5 | 87.4
 | 138.0 | 34.4 |
| 22 Izu2101040400.png

 | _20210104_040317

 | _20210104_040316 | 0.39 | 8.4E+16 | _J5_Qua
 | -2.31
 | 40.1 | 96.5 | 138.9
 | 35.7 | 85.2
 | 138.8 | 35.6 |
| 23 Izu2101040410.png

 |

 | _20210104_041430 | 1.00 | 1.3E+16 | _spo
 | -0.22
 | 43.4 | 103.3 | 137.7
 | 36.2 | 95.6
 | 138.0 | 36.5 |
| 24 Izu2101040420.png

 | _20210104_042239

 | _20210104_042236 | 0.33 | 9.1E+15 | _J5_Qua
 | 0.16
 | 42.0 | 98.6 | 137.3
 | 36.4 | 88.2
 | 137.2 | 36.4 |
| 25 Izu2101040420.png

 | _20210104_042827

 | _20210104_042826 | 0.20 | 8.4E+15 | _J5_Qua
 | 0.16
 | 38.9 | 94.4 | 137.3
 | 35.0 | 88.6
 | 137.3 | 35.0 |
| 26 Izu2101040440.png

 | _20210104_044455

 | _20210104_044451 | 0.35 | 4.9E+16 | _J5_Qua
 | -1.73
 | 39.5 | 92.8 | 136.3
 | 35.9 | 82.0
 | 136.2 | 35.9 |
| 27 Izu2101040450.png

 | _20210104_045547

 | _20210104_045547 | 0.38 | 5.2E+16 | _J5_Qua
 | -1.81
 | 39.4 | 95.5 | 136.5
 | 35.3 | 83.2
 | 136.5 | 35.3 |
| 28 Izu2101040500.pns

 | _20210104_050559

 | _20210104_050558 | 0.72 | 2.4E+17 | _J5_Qua
 | -3.40
 | 41.1 | 98.3 | 135.1
 | 36.6 | 74.3
 | 135.0 | 36.5 |
| 29 Izu2101040510 pps

 | 20210104 051104

 | 20210104 051103 | 0.37 | 8.2E+16 | J5 Qua
 | -2.25
 | 41.1 | 95.8 | 136.8
 | 35 1 | 83.0
 | 136.7 | 35.0 |
| 30 Izu2101040510 ppg

 | 20210104 051204

 | 20210104 051201 | 0.31 | 1.2E+16 | J5 Qua
 | -0.19
 | 40.5 | 92.4 | 136.9
 | 34.4 | 82.0
 | 136.8 | 34.3 |
| 31 Jzu2101040510

 | 20210104 051227

 | 20210104 051229 | 0.25 | 3 9E±16 | 15 0.02
 | _1 47
 | 40.0 | 02.7 | 125 1
 | 36.3 | 82.0
 | 135.0 | 36.3 |
| 22 I=2101040510.phg

 | 20210104_051227

 | 20210104_051228 | 0.25 | <u>3.9E+10</u> | Qua
 | -1.47
 | 40.0 | 92.2 | 130.1
 | 30.3 | 00.0
 | 130.0 | 30.3 |
| 32 12U2101040510.png

 |

 | _20210104_051301 | 0.26 | 1.0E+16 | _ <u></u>
 | 0.00
 | 41.3 | 98.9 | 139.2
 | 36.2 | 90.0
 | 139.1 | 30.2 |
| 33 Izu210104052

 |

 | | | |
 |
 | | |
 | |
 | 139.5 | 36.4 |
| 34 Izu210104055 71

 |

 | | 7 [二] [1十) ナ | | 11 + 1
 | L
 | | |
 | | 1.3
 | 136.5 | 34.2 |
| <u>35 Izu210104061</u>

 |

 | /) - + - ' - ' - ' = ' 言言' \ | 716111年16 | でにかる | (1 + 1)
 | 7-
 | | |
 | | .6
 | 136.8 | 34.6 |
| <u>36 Izu210104231</u> U

 |

 | フルエー 电か | | | フォレ
 | //_
 | | |
 | |).9
 | 138.1 | 34.0 |
| 37 Izu210105003

 |

 | | | | . –
 |
 | | |
 | | 3.8
 | 138.3 | 35.3 |
| 38 Izu210105013

 |

 | | 1 - 1 | - ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ |
 |
 | | - 1 |
 | 1 L | 5.8
 | 138.8 | 34.7 |
| 39 Izu210105233

 | 이 - '분' 분' 미 바

 | ェギルテッノ フート | 1- 1-0 | ブ館田 | - 나무 닌
 | ブ モ ム
 | $F \cap I$ | ニアト | いエ
 | 1 7- |).8
 | 136.3 | 35.7 |
| 40 171/210108024

 |

 | エキリルニ ノ ノード | によう | | へば刀
 |
 | りみ ノい | - 'A | ッよ
 | | 1.6
 | 137.6 | 35.1 |
| 41 17:1210108043

 |

 | 5 1 57 - 5 - 5 - 5 | | - 11.5 |
 |
 | | • |
 | | 1.0
 | 137.0 | 25.5 |
| 42 12:0210100045

 |

 | | | |
 | \
 | % | , | 1 8 1.
 | 1 1 18 | 2.0
 | 120.2 | 24.9 |
| 42 120210109025

 |

 | | | |
 |
 | m = - | _ /7 • |
 | 11-1-1-1 | 2.3
 | 130.2 | 34.0 |
| 43 Izu210109025

 |

 | | | |
 |
 | / / / / | — · ¥ | 11. 4/1
 | | 1.4
 | 138.7 | |
| 44 170210111025

 |

 | | | |
 | • 🖽 .// X
 | | |
 | ILVA |
 | | 30.8 |
| 11 202 10111020

 |

 | | | |
 | ・电彦
 | | |
 | 1010 | 7.1
 | 137.1 | 34.7 |
| 45 Izu210111040

 |

 | | | |
 | ・电波
 | | |
 | 1012 | 7.1
3.6
 | 137.1
137.6 | 36.8
34.7
34.7 |
| 45 Izu210111040
46 Izu2101110410.png

 | _20210111_041003

 | _20210111_041003 | 0.29 | 5.7E+16 | _spo
 | • 电 <i>IIX</i>
 | 72.3 | |
 | 1070-
<u>34.2</u> | <u>'.1</u>
<u>3.6</u>
97.9
 | 137.1
137.6
137.3 | 30.8
34.7
34.7
34.3 |
| 46 Izu210111040
47 Izu2101110410.png

 | 20210111_041003
20210112_234725

 | _20210111_041003
_20210112_234722 | 0.29 | 5.7E+16
1.2E+16 | _spo
_spo
 | •
 | 72.3
47.6 | 112.8
109.0 | 137.4
137.1
 | 34.2
35.5 | <u>7.1</u>
<u>3.6</u>
97.9
94.1
 | 137.1
137.6
137.3
136.9 | 30.8
34.7
34.7
34.3
35.4 |
| 45 Izu210111040
46 Izu2101110410.pn
47 Izu2101122340.pn
48 Izu2101130020.pn

 | _20210111_041003
_20210112_234725
_20210113_002537

 | _20210111_041003
_20210112_234722
_20210113_002536 | 0.29
0.51
0.40 | 5.7E+16
1.2E+16
2.1E+16 | _spo
_spo
_spo
 | • • • //X
-1.25
0.02
-0.84
 | 72.3
47.6
37.8 | 112.8
109.0
94.6 | 137.4
137.1
136.3
 | 34.2
35.5
34.4 | <u>7.1</u>
<u>3.6</u>
97.9
94.1
80.1
 | 137.1
137.6
137.3
136.9
136.3 | 30.8
34.7
34.7
34.3
35.4
34.3 |
| 45 Izu210111040
46 Izu2101110410.pnj
47 Izu2101122340.pnj
48 Izu2101130020.pnj
49 Izu2101130520.pnj

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752

 | _20210111_041003
_20210112_234722
_20210113_002536
_20210113_052749 | 0.29
0.51
0.40
1.65 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17 | _spo
_spo
_spo
_spo
 | • • • //X
-1.25
0.02
-0.84
-3.33
 | 72.3
47.6
37.8
60.9 | 112.8
109.0
94.6
125.3 | 137.4
137.1
136.3
 | 34.2
35.5
34.4
35.9 | <u>7.1</u>
<u>3.6</u>
97.9
94.1
80.1
69.0
 | 137.1
137.6
137.3
136.9
136.3
135.8 | 36.8
34.7
34.7
34.3
35.4
34.3
36.3 |
| 45 Izu210111040
46 Izu2101110410.png
47 Izu2101122340.png
48 Izu2101130020.png
49 Izu2101130520.png
50 Izu2101130540.png

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631

 | 20210111.041003
20210112.234722
20210113.002536
20210113.052749
20210113.054629 | 0.29
0.51
0.40
1.65
1.20 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15 | _spo
_spo
_spo
_spo
_spo
 | •
 | 72.3
47.6
37.8
60.9
17.0 | 112.8
109.0
94.6
125.3
87.1 | 137.4
137.1
136.3
136.6
137.3
 | 34.2
35.5
34.4
35.9
35.7 | <u>7.1</u>
<u>3.6</u>
97.9
94.1
80.1
69.0
76.1
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2 | 36.8 34.7 34.7 34.3 35.4 34.3 35.4 34.3 36.3 35.6 |
| 45 [zu21011040
46 [zu210111040
47 [zu2101110410.png
48 [zu2101122340.png
48 [zu2101130020.png
50 [zu2101130520.png
50 [zu2101130540.png
51 [zu2101130600.png

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_060618

 | 20210111_041003
20210112_234722
20210113_002536
20210113_052749
20210113_054629
20210113_060616 | 0.29
0.51
0.40
1.65
1.20
1.35 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16 | _spo
_spo
_spo
_spo
_spo
 | • = //X
-1.25
0.02
-0.84
-3.33
0.67
-2.79
 | 72.3
47.6
37.8
60.9
17.0
24.1 | 112.8
109.0
94.6
125.3
87.1
100.3 | 137.4
137.1
136.3
136.6
137.3
139.7
 | 34.2
35.5
34.4
35.9
35.7
35.7
34.8 | <u>7.1</u>
<u>3.6</u>
97.9
94.1
80.1
69.0
76.1
75.0
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6 | $\begin{array}{r} 30.8 \\ 34.7 \\ 34.3 \\ 35.4 \\ 34.3 \\ 36.3 \\ 35.6 \\ 35.6 \\ 34.5 \\ \end{array}$ |
| 46 [zu210111040
46 [zu2101110410,pnn
47 [zu2101122340,pnn
48 [zu2101130020,pnn
48 [zu21011300520,pnn
50 [zu21011305500,pnn
51 [zu21011305600,pnn
52 [zu2101130200,pnn
52 [zu2101132220,pnn

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_060618
20210113_22255

 | 20210111.041003
20210112.234722
20210113.002536
20210113.052749
20210113.054629
20210113.056616
20210113.22254 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15 | _spo
_spo
_spo
_spo
_spo
_spo
_spo
 | • • • //X
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
 | 34.2
35.5
34.4
35.9
35.7
35.7
34.8
36.2 | 21
2.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
139.6 | 36.8
34.7
34.7
34.3
35.4
36.3
36.3
35.6
34.5
36.6 |
| 46 [zu21011040
46 [zu21011040
47 [zu21011040]
48 [zu2101102340.pn]
48 [zu2101130520.pn]
49 [zu2101130520.pn]
50 [zu2101130540.pn]
51 [zu2101130600.pn]
52 [zu2101132220.pn]
53 [zu210113220.pn]

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_060618
20210113_222255
20210114_010855

 | 20210111_041003
20210112_234722
20210113_002536
20210113_05749
20210113_054629
20210113_054629
20210113_222254
20210113_222254
20210114_010852 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15
1.5E+16 | _SPO
SPO
SPO
_SPO
_SPO
_SPO
SPO
 | • • • //X
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
 | 34.2
35.5
34.4
35.9
35.7
35.7
34.8
36.2
36.1 | 2.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9 | 30.8
34.7
34.7
34.3
35.4
34.3
36.3
35.6
34.5
36.6
36.6 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu210113020,pn]
53 [zu2101140150,pn]

 | 20210111.041003
20210112.234725
20210113.032537
20210113.052752
20210113.054631
20210113.060618
20210113.060618
20210114.010855
20210114.010855

 | 20210111 041003
20210112 234722
20210113 002536
20210113 054749
20210113 054749
20210113 05446
20210113 22254
202210114 010852
20210114 01536 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27
0.11 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15
1.5E+16
6.7F+15 | spo
spo
spo
spo
spo
spo
spo
spo
spo
 | • • • • • • • • • • • • • • • • • • •
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
137.0
137.0
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.1
34.9 | 2.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
 | $\begin{array}{c} 137.1 \\ 137.6 \\ 137.3 \\ 136.9 \\ 136.3 \\ 135.8 \\ 137.2 \\ 139.6 \\ 136.9 \\ 136.9 \\ 136.9 \\ 136.6 \\ \end{array}$ | 30.3
34.7
34.7
35.4
35.4
35.4
35.6
35.6
34.5
36.6
36.2
36.2
36.2
36.2
36.2
36.2
36.2 |
| 46 [zu210111040
46 [zu210111040
47 [zu2101112340.pn]
48 [zu2101130520.pn]
49 [zu2101130520.pn]
50 [zu2101130540.pn]
51 [zu2101130520.pn]
53 [zu2101132220.pn]
53 [zu2101140100.pn]
54 [zu2101140150.pn]
55 [zu2101140150.pn]
55 [zu2101140150.pn]

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_054631
20210113_02555
20210114_010855
20210114_015039
20210114_015526

 | 20210111_041003
20210112_234722
20210113_002536
20210113_05749
20210113_054629
20210113_054629
20210113_22254
20210114_01852
20210114_015036
20210114_01524 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27
0.11 | 5.7E+16 $1.2E+16$ $3.3E+17$ $2.3E+15$ $7.9E+16$ $9.2E+15$ $1.5E+16$ $6.7E+15$ $4.6F+16$ | Spo
 | • • • //X
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.01
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
137.1
137.1
136.6
137.1
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.1
34.9
34.9
34.9
34.9
34.9 | 2.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
73.0
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.9
136.9 | 30.8
34.7
34.7
35.4
35.4
36.3
35.6
34.5
36.6
36.2
36.2
34.9
36.2
34.9
37 9 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101120340,pn]
49 [zu2101130020,pn]
49 [zu2101130520,pn]
50 [zu2101130540,pn]
51 [zu2101130540,pn]
53 [zu2101130500,pn]
53 [zu2101140150,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140520,pn]

 | 20210111.041003
20210112.234725
20210113.052537
20210113.052537
20210113.0524631
20210113.054631
20210113.054631
20210113.054631
20210114.010855
20210114.015039
20210114.015326
20210114.015326

 | 20210111 041003
20210112 234722
20210113 002536
20210113 052749
20210113 054629
20210113 054629
20210113 054629
20210113 22014
20210113 22014
20210114 05526
20210114 015324
20210114 015326 | 0.29
0.51
1.65
1.20
1.35
1.35
0.27
0.11
1.13
0.27 | 5.7E+16 1.2E+16 2.1E+16 3.3E+17 2.3E+17 2.3E+15 7.9E+16 9.2E+15 1.5E+16 6.7E+15 4.6E+16 2.5E+16 | spo
spo
spo
spo
spo
spo
spo
spo
spo
spo
 | • • • • • //×
-1.25
-0.02
-0.84
-3.33
0.67
-2.79
-0.35
-0.35
-0.14
1.01
-1.83
-1.07
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.0 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
137.0
137.0
136.6
136.6
140.0
136.6
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.1
34.9
34.9
38.1
33.1 | 2.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
73.0
79.5
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.9
136.6
139.8 | 36.3
34.7
34.3
35.4
35.4
36.3
36.3
36.3
36.6
36.2
34.5
36.6
36.2
34.9
37.9
37.9 |
| 46 zu210111040
46 zu210111040
47 zu2101112340,pnj
48 zu210113020,pnj
49 zu2101130520,pnj
50 zu2101130540,pnj
51 zu2101130520,pnj
53 zu2101130520,pnj
53 zu2101140150,pnj
54 zu2101140150,pnj
55 zu2101140150,pnj
56 zu2101140150,pnj
56 zu2101140530,pnj
57 zu2101140550,pnj
58 zu2101140550,pnj
59 zu2101140550,pnj
59 zu2101140550,pnj
59 zu2101140550,pnj
59 zu2101140550,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu210140,pnj
50 zu21040,pnj
50 zu21040,pnj
50 zu21040,pnj
50 zu21040,pnj
50 zu21040,pnj

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_054631
20210113_04618
20210114_01855
20210114_015326
20210114_015326
20210114_053611
20210114_05655

 | 20210111_041003
20210112_234722
20210113_002536
20210113_05749
20210113_054629
20210113_054629
20210113_022254
20210114_010852
20210114_015036
20210114_015324
20210114_05368 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27
0.11
1.13
0.27 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15
1.5E+16
6.7E+15
4.6E+16
2.5E+16
7.2E+16 | spo | • • • • • //X
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.83
-1.07
0.22
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
4.1
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
98.6 | 137.4
137.1
136.3
136.6
137.3
139.7
137.0
137.0
137.0
137.0
137.1
136.6
140.0
136.5
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.1
34.8
36.1
34.9
38.1
33.4
32.5 | <u>,1</u>
<u>}6</u>
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
73.0
73.0
79.5 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.9
136.9
136.9
136.9
136.9
 | 30.3
34.7
34.7
34.3
35.4
36.3
35.6
36.6
36.6
36.6
36.2
37.9
37.9
33.4 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
49 [zu21011300520,pn]
50 [zu2101130540,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101140100,pn]
54 [zu2101140100,pn]
55 [zu2101140150,pn]
55 [zu21011401530,pn]
56 [zu2101140550,pn]
57 [zu2101140550,pn]

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 054631
20210113 054631
20210113 222255
20210114 010855
20210114 015326
20210114 015326
20210114 055352

 | 20210111.041003
20210112.234722
20210113.002536
20210113.054749
20210113.054629
20210113.054629
20210113.026616
20210113.026616
20210114.016036
20210114.015036
20210114.015324
20210114.055356 | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27
0.11
1.13
0.27
0.28
0.28 | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 0.0E+16\end{array}$ | SPO
 | • • • • • • • • • • • • • • • • • • •
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.9 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8 | 137.4
137.1
136.6
137.3
136.6
137.3
139.7
137.0
137.0
137.0
137.0
137.0
136.6
140.0
136.5
140.0
136.5
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.1
34.9
34.9
38.1
33.4
33.4 | 7.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
73.0
79.5
79.5
79.9
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.6
139.8
136.6
139.8
136.6 | 30.8
34.7
34.7
35.4
34.3
35.4
35.6
36.3
35.6
36.5
36.5
36.5
36.2
34.9
37.9
33.4
35.4
35.4
37.9 |
| 46 [zu21011104]
46 [zu2101110410.pn]
47 [zu2101122340.pn]
48 [zu2101130020.pn]
49 [zu2101130520.pn]
50 [zu2101130540.pn]
51 [zu2101130540.pn]
52 [zu2101130540.pn]
53 [zu2101140150.pn]
54 [zu2101140150.pn]
55 [zu2101140550.pn]
57 [zu2101140550.pn]
57 [zu2101140550.pn]
58 [zu2101142150.pn]
59 [zu2101142150.pn]
50 [zu2101142150.pn]
50 [zu2101140550.pn]
50 [zu2101142150.pn]
50 [zu2101142150.pn]
50 [zu2101142150.pn]
51 [zu2101142150.pn]
52 [zu2101142150.pn]
53 [zu2101142150.pn]
54 [zu2101142150.pn]
55 [zu2101142150.pn]
55 [zu2101142150.pn]
55 [zu2101142150.pn]
55 [zu2101142150.pn]
56 [zu2101142150.pn]
57 [zu2101142150.pn]
58 [zu2101142150.pn]
59 [zu2101142150.pn]
50 [z

 | 20210111_041003
20210112_234725
20210113_002537
20210113_052752
20210113_054631
20210113_054631
20210113_025455
20210114_010855
20210114_015039
20210114_015326
20210114_05352
20210114_05352
20210114_215406

 | $\begin{array}{c} 20210111 \\ 041003 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 052749 \\ 20210113 \\ 054629 \\ 20210113 \\ 054629 \\ 20210113 \\ 2022101 \\ 05666 \\ 20210114 \\ 01852 \\ 20210114 \\ 018524 \\ 20210114 \\ 05536 \\ 20210114 \\ 05536 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 21540 \\ 20210114 \\ 20210114 \\ 21540 \\ 21540 \\$ | 0.29
0.51
0.40
1.65
1.20
1.35
1.84
0.27
0.11
1.13
0.27
0.28
0.66 | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+16
1.5E+16
6.7E+16
2.5E+16
2.5E+16
7.2E+16
2.9E+16
2.9E+16 | spo | -1.25
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.83
-1.07
0.38
-1.23
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
37.9
41.0
37.9
41.0
37.9
41.0
37.9
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8 | 1 137.4
1 137.1
1 136.3
1 136.6
1 137.3
1 139.7
1 137.0
1 137.0
1 137.0
1 137.0
1 136.6
1 140.0
1 140.0
1 140.0
1 138.8
1 138.8
1 140.0
1 138.8
1 140.0
1 138.8
1 140.0
1 138.8
1 140.0
1 138.8
1 140.0
1 1
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.1
34.9
38.1
33.4
33.4
35.5
37.1 | 1.1
2.6
97.9
94.1
80.1
75.0
76.1
75.0
86.3
101.5
96.3
73.0
79.5
79.4
88.4
88.4 | 137.1
137.6
137.3
136.9
135.8
135.8
135.8
136.9
136.6
136.9
136.6
139.8
136.6
139.8
136.6
139.8
136.6
 | 30.8
34.7
34.3
35.4
34.3
36.3
35.6
34.5
36.6
34.5
36.2
34.9
37.9
33.4
35.4
37.3
37.3 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
50 [zu21011300520,pn]
50 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101140100,pn]
54 [zu2101140100,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101140150,pn]
55 [zu2101142150,pn]
58 [zu2101142210,pn]

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 054631
20210113 0566618
20210113 222255
20210114 016855
20210114 015326
20210114 055352
20210114 055352
20210114 215406
20210114 221326

 | 20210111_041003
20210112_234722
20210113_002536
20210113_054629
20210113_054629
20210113_054629
20210113_056616
20210114_016536
20210114_015036
20210114_015324
20210114_05306
20210114_05356
20210114_215404
20210114_21326 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ \end{array}$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ \end{array}$ | spo | • • • • • • • • • • • • • • • • •
• •
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.9
41.0
37.1
34.8 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
88.9
90.8
88.9
90.8
100.8 | 137.4 137.1 136.3 137.1 137.1 137.1 136.6 137.1 136.6 140.0 138.8 139.7
 | 34.2
35.5
34.4
35.9
35.9
35.7
34.8
36.1
34.9
38.1
33.4
33.4
33.4
33.4
35.5
37.1
35.0 | 7.1
3.6
97.9
94.1
80.1
69.0
76.1
75.0
86.3
101.5
96.3
73.0
79.5
79.4
88.4
88.4
84.6
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.6
139.8
136.6
139.8
136.6
138.7
138.7 | 30.8
34.7
34.3
35.4
36.3
35.6
36.3
34.5
36.6
36.2
34.9
37.9
33.4
37.9
33.4
37.3
35.4
37.3 |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
49 [zu2101130520,pn]
50 [zu2101130540,pn]
51 [zu2101130540,pn]
52 [zu2101130540,pn]
53 [zu2101140150,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140550,pn]
57 [zu2101140550,pn]
58 [zu2101142150,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
50 [z

 | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113054631
2021011322255
20210114010855
20210114015326
20210114053611
20210114053611
2021011405351
20210114215406
20210114215406
20210115001123

 | $\begin{array}{c} 20210111 \\ 041003 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 052749 \\ 20210113 \\ 054629 \\ 20210113 \\ 025749 \\ 20210113 \\ 0202101 \\ 000616 \\ 20210114 \\ 01852 \\ 20210114 \\ 018524 \\ 20210114 \\ 01536 \\ 20210114 \\ 05536 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 215404 \\ 20210114 \\ 201112 \\ 2021012 \\ 20210112 \\ 20210112 \\ 20210112 \\ 2021012 \\ 20210112 \\ 2021012 \\ 2021012 \\ 2021012 \\ 2021012 \\ 202101 $ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 0.27\\ 0.27\\ 0.21\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.58\end{array}$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 6.7E+16\\ 2.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.9E+16\\ 2.9E+16\\ 3.3E+15\\ 3.3E+16\end{array}$ | Spo | -1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
-0.14
1.01
-1.83
-1.23
0.82
-1.23
0.82
-1.38
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
34.0
34.0
37.9
41.0
37.9
41.0
37.9
34.8
37.1
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
90.3
101.9 | 1 137.4
1 137.1
1 136.3
1 136.6
1 137.3
1 139.7
1 137.0
1 137.0
1 137.0
1 137.0
1 137.0
1 137.0
1 136.5
1 140.0
1 136.5
1 140.0
1 138.8
 | 34.2
35.5
34.4
35.9
35.7
36.2
36.2
36.2
36.2
36.2
36.2
36.2
36.2 | 11
11
26
97.9
94.1
80.1
80.1
75.0
86.3
101.5
96.3
73.0
73.0
79.5
79.4
88.4
88.4
88.2 | $\begin{array}{c} 137.1\\ 137.6\\ 137.3\\ 136.9\\ 136.3\\ 135.8\\ 137.2\\ 139.6\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 139.8\\
139.8\\ 13$ | 30.8
34.7
34.3
35.4
36.3
36.3
36.6
34.5
36.6
34.5
36.6
34.9
37.3
37.9
33.4
35.4
35.4
35.4
35.4
35.4
35.4 |
| 46 zu210111040 46 zu2101110410.pnji 47 zu2101122340.pnji 48 zu2101130520.pnji 49 zu2101130520.pnji 50 zu2101130520.pnji 51 zu2101130520.pnji 52 zu2101130600.pnji 53 zu2101140100.pnji 54 zu2101140150.pnji 55 zu2101140150.pnji 56 zu2101140150.pnji 57 zu2101140530.pnji 58 zu2101142150.pnji 60 zu2101150010.pnji 60 zu2101150020.pnji

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 052752
20210113 060618
20210113 060618
20210114 010855
20210114 015326
20210114 015326
20210114 055352
20210114 055352
20210114 215406
20210114 21326
20210114 21326

 | 20210111_041003
20210112_234722
20210113_002536
20210113_054749
20210113_054629
20210113_054629
20210113_0546616
20210114_010852
20210114_010852
20210114_015364
20210114_05360
20210114_05365
20210114_215404
20210114_215404
20210114_21326
20210114_21326 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\end{array}$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 2.8E+17\\ \end{array}$ | spo |
-1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.83
-1.23
0.82
-1.38
-3.24
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.1
34.8
37.3
56.5 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.3
100.8
90.3
101.9
108.2 | 137.4 137.1 136.6 137.1 137.1 137.1 136.5 140.0 136.5 140.0 136.5 140.0 136.5 140.0 136.5 140.0 136.5 135.8 135.8 136.6
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.1
34.9
38.1
33.4
33.4
33.4
33.4
35.5
37.1
35.8
35.8
35.8 | 97.9
94.1
80.1
69.0
76.1
75.0
86.3
73.0
79.5
73.0
79.5
73.4
88.4
88.2
88.2
88.2
 | 137.1
137.6
137.3
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.6
139.8
136.6
139.8
136.6
139.8
136.6
139.7
136.7
135.7 | 30.8
34.7
34.3
35.4
35.4
36.3
36.3
36.6
36.2
34.9
37.9
37.9
33.4
35.4
37.3
35.4
35.6 |
| 46 [zu210111041
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130520,pnn]
49 [zu2101130520,pnn]
50 [zu2101130540,pnn]
51 [zu2101130540,pnn]
52 [zu2101130540,pnn]
53 [zu2101140150,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140550,pnn]
57 [zu2101140550,pnn]
58 [zu2101142120,pnn]
59 [zu2101142120,pnn]
60 [zu210114210,pnn]
61 [zu2101150020,pnn]
61 [zu2101150020,pnn]
62 [zu2101150310,pnn]
62 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu2101150310,pnn]
65 [zu2101150310,pnn]
64 [zu2101150310,pnn]
65 [zu2101150310,pnn]
65 [zu2101150310,pnn]
66 [zu2101150310,pnn]
67 [zu2101150310,pnn]
68 [zu2101150310,pnn]
69 [zu2101150310,pnn]
60 [zu

 | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113060618
20210113060618
20210114010855
20210114015326
20210114053611
2021011405361
20210114215406
20210114215406
20210114221326
20210115001123
20210115001123

 | $\begin{array}{c} 20210111\ 041003\\ 20210112\ 234722\\ 20210113\ 002536\\ 20210113\ 002536\\ 20210113\ 065629\\ 20210113\ 060616\\ 20210113\ 060616\\ 20210113\ 022254\\ 20210114\ 010852\\ 20210114\ 015366\\ 20210114\ 0153608\\ 20210114\ 055360\\ 20210114\ 055360\\ 20210114\ 221326\\ 202101115\ 201122\\ 20210116\ 201428\\ 20210116\ 201428\\ 20210116\ 201428\\ 20210116\ 201428\\ 20210116\ 201428\\ 20210116\ 20210116\ 202100\\ 20210116\ 20210116\ 202100\\ 20210116\ 2021016\ 202100\\ 20210116\ 2021016\ 202100\\ 20210116\ 2021016\ 202100\\ 20210116\ 202100\ 20200\ 20100\ 20200\ 200\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 200\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 200\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 2000\ 200\$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.30\\ 1.45\\ 1.30\\ 1.44\\ 0.27\\ 0.21\\ 0.21\\ 0.21\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.58\\ 0.58\\ 0.33\\ \end{array}$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\end{array}$ | SDO | -1.25)
-1.25)
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.83
-1.83
-1.23
0.82
-1.38
-3.24
1.35
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.9
41.0
37.9
41.0
37.9
41.0
37.9
41.0
37.9
41.0
37.8
37.8
37.8
46.8
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
90.8
100.8
90.3
101.9
107.3 | 137.4 137.1 136.3 136.3 137.1 136.3 137.1 137.1 137.1 137.1 137.1 137.1 137.1 137.1 136.5 140.0 136.5 140.0 136.8 138.8 135.8 136.9 136.9
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
36.2
36.2
36.2
36.2
36.2
36.2
35.5
35.5
35.8
35.7
35.9
35.9
35.9 | 211
216
97.9
94.1
80.1
69.0
76.1
75.0
86.3
73.0
79.5
79.4
88.4
88.4
88.2
88.2
88.2
88.2
101.6 | $\begin{array}{c} 137.1\\ 137.6\\ 137.3\\ 136.9\\ 136.3\\ 135.8\\ 137.2\\ 139.6\\ 136.9\\ 136.9\\ 136.9\\ 139.8\\ 139.8\\ 139.8\\ 139.8\\ 139.8\\ 139.8\\ 139.8\\ 139.8\\ 136.7\\ 136.4\\ 136.7\\ 136.4\\ 136.7\end{array}$
 | 30.8
34.7
34.3
35.4
35.4
36.3
36.3
36.5
34.5
36.6
34.5
36.6
34.5
36.6
34.5
36.6
34.5
35.4
35.4
37.3
34.9
35.4
37.3
34.9
35.4
35.4
35.4
35.4
35.5
35.4
35.5
35.6 |
| 46 izu210111040 46 izu210111041 47 izu2101120340.pm 48 izu2101130520.pm 49 izu2101130520.pm 50 izu2101130520.pm 51 izu2101130540.pm 52 izu2101130540.pm 53 izu2101130500.pm 53 izu2101140100.pm 54 izu2101140150.pm 55 izu2101140150.pm 56 izu2101140550.pm 57 izu210114250.pm 58 izu210114250.pm 60 izu2101150010.pm 61 izu2101150020.pm 62 izu2101150010.pm 63 izu2101150010.pm

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 052752
20210113 054631
20210113 060618
20210114 010855
20210114 015326
20210114 015326
20210114 055352
20210114 215406
20210114 215406
20210114 221326
20210115 001123
20210115 002053
20210115 031431

 | $\begin{array}{c} 20210111 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 005749 \\ 20210113 \\ 005749 \\ 20210113 \\ 0054629 \\ 20210113 \\ 005616 \\ 20210113 \\ 005616 \\ 20210114 \\ 010852 \\ 20210114 \\ 010852 \\ 20210114 \\ 015324 \\ 20210114 \\ 0153608 \\ 20210114 \\ 0153608 \\ 20210114 \\ 215360 \\ 20210114 \\ 215360 \\ 20210114 \\ 215360 \\ 20210114 \\ 20210114 \\ 215360 \\ 20210114 \\ 2021014 \\ 20210114 \\ 2021014 \\ 20210114 \\ 2021014 \\ 20210114 \\ 2021014 \\ 202$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\\ 0.33\\ 0.64\\ \end{array}$ | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+16
1.5E+16
6.7E+15
4.6E+16
2.5E+16
7.2E+15
2.9E+16
4.1E+15
3.3E+16
2.8E+17
3.4E+15
4.3E+16 | Spo | -1.25
0.02
-0.84
-3.33
0.67
-2.79
-0.35
0.14
1.01
-1.83
-1.07
0.38
-1.23
0.82
-1.38
-1.35
-1.35
-1.13

 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.1
34.8
37.3
56.5
46.8
59.6 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
100.8
100.8
100.8
100.8
100.8
108.2
108.2
107.3
112.2 | 1 137.4 1 136.3 1 136.3 1 136.3 1 136.3 1 136.3 1 137.3 1 137.0 1 136.6 1 140.0 1 136.8 1 139.1 1 36.6 1 36.6 1 36.6 1 36.9 1 37.1
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.1
34.9
36.1
33.4
35.6
35.7
35.9
35.9
35.9
35.7
35.9
35.9
35.9
35.9
35.9
35.9
35.9
35.9 |
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
101.2
10 | 137.1
137.6
137.3
136.3
136.3
135.8
137.2
136.9
136.9
136.6
136.6
136.6
138.7
139.0
138.7
139.0
135.7
136.4
136.7
137.0 | 30.8
34.7
34.7
34.3
35.4
35.4
35.6
36.2
34.5
36.2
34.5
36.2
34.9
37.3
35.4
37.3
35.4
37.3
35.4
35.5
6
35.6
35.6
36.6
4
35.6
36.6
3.6
3.6
3.6
3.6
3.6
3.6
3.6
3.6 |
| 46 [zu210111040
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130020,pnn]
49 [zu21011300520,pnn]
50 [zu21011305520,pnn]
51 [zu2101130540,pnn]
52 [zu2101130540,pnn]
53 [zu2101140150,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140550,pnn]
57 [zu2101142150,pnn]
58 [zu2101142120,pnn]
58 [zu2101142120,pnn]
58 [zu2101142150,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
63 [zu2101150010,pnn]
63 [zu2101150010,pnn]
63 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu210115050,pnn]
64 [

 | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113066618
20210113066618
20210114010855
20210114015361
2021011405361
2021011405361
20210114215406
20210114215406
20210114215406
20210115001123
20210115001123
20210115001323

 | $\begin{array}{c} 20210111\ 041003\\ 20210112\ 234722\\ 20210112\ 0302536\\ 20210113\ 002536\\ 20210113\ 0052746\\ 20210113\ 05446\\ 20210113\ 05446\\ 20210113\ 025264\\ 20210114\ 010852\\ 20210114\ 010852\\ 20210114\ 015366\\ 20210114\ 015366\\ 20210114\ 055360\\ 20210114\ 25360\\ 20210115\ 03050\\ 20210115\ 050802\\ 20210115\ 041323\\ 20210115\ 050802\\ 20210115\ 041323\\ 20210115\ 050802\\ 20210115\ 05080\\ 202101100\ 05080\\ 2021010000\\ 201000000\\ 201000000000\\ 2010000000000$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.35\\ 0.27\\ 0.21\\ 0.21\\ 0.21\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.71\\ 0.71\\ \end{array}$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+16\\ 2.6E+16\\ 2.6E+16\\ 2.9E+16\\ 3.3E+16\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 3.3E+16\\ 1.7E+16\\ \end{array}$ | SDO | • • • • • • • • • • • • • • • • • • •
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.9
41.0
37.9
41.0
37.9
41.0
37.9
41.0
56.5
56.0
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.6
98.6
98.6
99.0
88.9
90.3
101.9
108.4
107.3
107.3
112.2
108.4 | 1 137.4 1 136.3 1 136.6 1 137.0 1 136.6 1 137.0 1 136.6 1 137.0 1 136.6 1 136.5 1 136.8 1 135.8 1 136.9 1 36.9 1 36.6 1 36.9 1 36.8 1 36.9 1 36.8
 | 34.2
35.5
34.4
35.9
35.7
36.2
36.2
36.2
36.2
36.2
36.2
36.2
37.1
33.4
35.5
37.1
35.6
35.7
35.8
35.7
35.9
35.5
9
35.8
35.9
35.8 | 11
16
17
16
17
16
10
17
10
15
10
15
10
15
10
15
96.3
10
15
96.3
10
1.5
96.3
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.4
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
96.3
10
1.5
95.5
96.3
10
1.5
95.5
96.3
10
1.5
95.5
95.5
10
1.5
95.5
95.5
10
1.5
95.5
95.5
10
1.5
95.5
95.5
10
1.5
95.5
10
1.5
95.5
10
1.5
1.5
1.5
1.5
1.5
1.5
1.5
1.5 | 137.1
137.6
137.6
136.9
136.3
135.3
136.9
136.9
136.9
136.9
136.6
138.7
139.0
138.7
139.0
135.7
136.4
136.7
136.7
136.7
136.7
136.7
 | 3447
3447
3443
3543
3543
3543
3543
3563
36343
3666
3445
3666
3445
3666
3449
3334
3554
3554
3557
3557
3557
3557
3557
3557
3557
3557
3557
3557
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
359
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559
3559 |
| 46 izu210111040 46 izu210111041 47 izu2101122340.pm 48 izu2101130520.pm 48 izu2101130520.pm 49 izu2101130520.pm 50 izu2101130540.pm 51 izu2101130600.pm 52 izu2101140150.pm 53 izu2101140150.pm 54 izu2101140150.pm 55 izu2101140150.pm 56 izu2101140550.pm 57 izu210114250.pm 58 izu210114250.pm 60 izu2101150010.pm 61 izu2101150020.pm 62 izu2101150020.pm 63 izu2101150000.pm 64 izu21011500410.pm 64 izu2101150040.pm 64 izu2101150500.pm

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 052752
20210113 054631
20210113 054631
20210113 222255
20210114 010855
20210114 015326
20210114 055352
20210114 055352
20210114 215406
20210114 215406
20210115 001123
20210115 002053
20210115 031431
20210115 050804
20210115 050804

 | $\begin{array}{c} 20210111 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 005749 \\ 20210113 \\ 005749 \\ 20210113 \\ 005616 \\ 20210113 \\ 005616 \\ 20210114 \\ 010852 \\ 20210114 \\ 010852 \\ 20210114 \\ 010852 \\ 20210114 \\ 015360 \\ 20210114 \\ 05360 \\ 20210114 \\ 05360 \\ 20210114 \\ 05360 \\ 20210114 \\ 05360 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 20210114 \\ 0050 \\ 0050 \\ 20210115 \\ 0050 \\ 0050 \\ 20210115 \\ 0050 \\ 20210115 \\ 0050 \\ 20210115 \\ 0050 \\ 00$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ \end{array}$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 4.3E+16\\ 1.7E+16\\ 6.8E+15\end{array}$ | Spo |

 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.1
34.8
37.3
56.5
46.8
59.6
56.0
26.1 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
98.6
88.9
90.8
90.8
90.8
90.3
100.8,2
107.3
10.0
108.2
107.3
112.2
108.4 | 1 137.4 1 136.6 1 136.3 1 136.3 1 136.3 1 136.3 1 137.3 1 137.0 1 137.0 1 136.6 1 140.0 1 136.5 1 140.0 1 136.5 1 136.6 1 136.6 1 136.6 1 136.8 1 135.8 1 136.8 1 136.8 1 136.8 1 136.8 1 136.8 1 137.1 1 136.8 1 137.1
 | 34.2
35.5
34.4
35.9
35.7
35.9
35.7
34.8
36.1
34.9
36.1
34.9
38.1
33.4
35.5
37.1
35.6
35.7
35.9
35.9
35.9
35.9
35.8
35.4 | 211
301
302
302
302
302
302
302
302
302
 | 137.1
137.6
137.3
136.3
136.3
135.8
137.2
136.6
136.9
136.6
136.6
138.7
139.0
138.7
139.0
135.7
136.4
136.7
137.0
137.0 | 30.8
34.7
34.7
34.3
35.4
35.4
35.6
36.3
36.6
36.6
36.2
34.5
36.2
37.3
35.4
37.3
35.4
35.4
35.5
6
35.6
35.6
35.6
35.6
35.6
35.6
35 |
| 46 [zu210111040
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130020,pnn]
49 [zu21011300520,pnn]
50 [zu2101130520,pnn]
51 [zu2101130520,pnn]
53 [zu2101130540,pnn]
54 [zu2101130540,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140150,pnn]
57 [zu2101140550,pnn]
58 [zu2101140550,pnn]
59 [zu2101142150,pnn]
59 [zu210114210,pnn]
59 [zu210114210,pnn]
59 [zu210114210,pnn]
50 [zu2101150010,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
62 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu210115050,pnn]
65 [zu210115030,pnn]
65 [zu210115030,pnn]
66 [zu2101151330,pnn]
66 [zu21011512000,pnn]
66 [zu210115200,pnn]
66 [zu210115200,pnn]
67 [

 | 20210111.041003
20210112 234725
20210113 002537
20210113 052752
20210113 054618
20210113 054651
20210114 019855
20210114 019855
20210114 015361
20210114 015361
20210114 015361
20210114 025352
20210114 025352
20210114 025352
20210116 001123
20210115 031431
20210115 031431
20210115 031431
20210115 05804
20210115 183506
20210115 002018

 | $\begin{array}{c} 20210111 \ 041003\\ 20210112 \ 234722\\ 20210113 \ 002536\\ 20210113 \ 0025749\\ 20210113 \ 055749\\ 20210113 \ 054629\\ 20210113 \ 054629\\ 20210113 \ 025462\\ 20210114 \ 01656\\ 20210114 \ 01656\\ 20210114 \ 01656\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015564\\ 20210114 \ 015566\\ 20210114 \ 015566\\ 20210114 \ 015566\\ 20210114 \ 015566\\ 20210115 \ 002050\\ 20210115 \ 041323\\ 20210115 \ 041323\\ 20210115 \ 05862\\ 20210115 \ 0820216\\ 20210101010000000000000000000000000000$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.21\\ 0.11\\ 1.13\\ 0.26\\ 0.68\\ 0.032\\ 0.38\\ 0.048\\ 0.56\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.033\\ 0.048\\ 0.058\\ 0.058\\ 0.038\\ 0.033\\ 0.038\\ 0.03$ | $\begin{array}{c} 5.7E + 16\\ 1.2E + 16\\ 2.1E + 16\\ 3.3E + 17\\ 2.3E + 15\\ 7.9E + 16\\ 9.2E + 15\\ 1.5E + 16\\ 6.7E + 15\\ 4.6E + 16\\ 2.5E + 16\\ 7.2E + 16\\ 3.2E + 16\\ 3.2E + 16\\ 3.3E + 16\\ 4.3E + 16\\ 4.3E + 16\\ 1.7E + 16\\ 6.8E + 15\\ 1.2E + 16\\ 1.2E + 16\\ \end{array}$ | Spo | • • • • • • • • • • • • • • • • • • •
 | 72.3
47.6
37.8
60.9
17.0
26.5
66.8
67.6
34.0
37.9
41.0
37.1
37.1
37.1
37.3
46.8
46.8
56.0
26.1
34.1
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
98.6
88.9
90.8
89.9
90.8
100.8
101.9
108.2
107.3
112.2
108.4
4
94.2
99.5 | 1 137.4 1 137.1 1 136.6 137.1 137.1 137.1 137.2 137.1 136.6 140.0 136.5 140.0 136.5 138.8 135.8 136.6 136.5 139.1 135.8 139.1 135.8 136.5 136.9 137.1 135.8 136.5 136.9 137.1 137.1 137.3 137.3 137.3 137.3 137.5 137.8 137.5 137.8
 | 34.2
35.5
34.4
35.9
35.7
34.8
36.2
34.8
36.2
34.8
36.1
34.9
33.4
33.4
33.4
35.5
37.1
35.9
35.9
35.9
35.8
35.4
35.4
35.4
35.5 | 2 1 1
3 1 1 1 1
3 1 1 1 1
3 1 1 1 1 1
3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 137.1
137.6
137.6
136.9
136.3
135.8
137.2
136.9
136.9
136.9
136.6
138.7
136.6
138.7
139.0
135.7
136.4
136.7
136.7
136.7
136.7
137.2
 | 30.6
34.7
34.7
34.3
35.4
35.4
35.6
36.3
36.3
36.6
36.6
36.2
34.5
36.3
35.4
37.9
33.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
37.3
35.4
35.4
35.4
35.9
36.4
35.9
35.4
35.5
35.4
35.9
35.4
35.5
35.5
35.5
35.5
35.5
35.4
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5 |
| 46 [zu210111041
46 [zu2101110410.pn]
47 [zu2101122340.pn]
48 [zu2101130020.pn]
49 [zu2101130520.pn]
50 [zu2101130540.pn]
51 [zu2101130540.pn]
52 [zu2101130540.pn]
53 [zu2101140150.pn]
54 [zu2101140150.pn]
55 [zu2101140150.pn]
56 [zu2101140550.pn]
57 [zu2101140550.pn]
58 [zu2101140550.pn]
60 [zu2101140550.pn]
61 [zu2101140500.pn]
63 [zu2101140550.pn]
63 [zu2101140550.pn]
64 [zu2101150010.pn]
65 [zu2101150010.pn]
63 [zu2101150010.pn]
64 [zu2101150010.pn]
65 [zu2101150510.pn]
65 [zu2101150510.pn]
66 [zu210115250.pn]
66 [zu210115250.pn]
66 [zu210115250.pn]
67 [zu21011

 | 20210111 041003
20210112 234725
20210113 002537
20210113 052752
20210113 052752
20210113 054631
20210113 054631
20210113 222255
20210114 010855
20210114 015336
20210114 055352
20210114 055352
20210114 215406
20210114 215406
20210115 002053
20210115 002053
20210115 002053
20210115 050804
20210115 050804
20210115 200218
20210115 200218

 | 20210111_041003
20210112_234722
20210113_002536
20210113_054629
20210113_054629
20210113_054629
20210113_054629
20210114_010852
20210114_010852
20210114_015360
20210114_053608
20210114_053608
20210114_05350
20210114_215404
20210114_053608
20210114_215404
20210115_001122
20210115_031429
20210115_04230
20210115_050802
20210115_18503
20210115_200216
20210115_200216 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ 0.38\\ 0.7\\ 0.28\\ 0.7\\ 0.28\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.64\\ 0.71\\ 0.7\\ 0.28\\ 0$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.7E+16\\ 1.7E+16\\ 6.8E+15\\ 1.2E+16\\ 2.9E+16\\ 1.2E+16\\ 1.2E+12\\ 1.2E+16\\ 1.2E+12\\ 1.2E+16\\ 1.2E+12\\ 1.2E+$ | Spo | $\begin{array}{c} \cdot & & & & \\ -1.255 \\ 0.02 \\ -0.02 \\ -0.84 \\ -3.33 \\ 0.67 \\ -2.79 \\ -0.35 \\ 0.67 \\ -2.79 \\ -0.35 \\ 0.67 \\ -1.07 \\ -2.79 \\ -0.33 \\ -1.03 \\ -1.03 \\ -1.23 \\ -1.38 \\ -1.23 \\ -1.38 \\ -1.38 \\ -1.33 \\ -0.23 \\ -0.33 \\ -0.03 \\ -0.33 \\ -0.03 \\ -0.33 \\ -0.61 $
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.1
34.8
37.3
56.5
46.8
59.6
55.0
26.1
34.1
34.1
34.2
35.6
56.0
26.1
34.1
34.1
34.1
34.1
34.1
34.1
34.1
34
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
90.3
101.9
108.2
107.3
112.2
108.4
94.2
94.2
94.5 | 1 137.4 1 137.1 1 136.8 1 36.8 1 37.1 1 136.8 1 137.1 1 36.6 1 137.0 1 37.1 1 36.6 1 140.0 1 38.8 1 39.1 1 36.6 1 36.6 1 36.8 1 36.8 1 36.8 1 36.8 1 36.8 1 36.8 1 36.8 1 37.8 1 37.8 1 37.8 1 37.7
 | 34.2
35.5
34.4
35.9
35.7
34.8
35.9
36.2
36.2
36.2
36.1
35.9
36.2
36.2
36.3
35.9
36.2
35.9
36.2
35.9
36.2
35.9
36.2
35.9
36.2
35.4
35.4
35.4
35.4
35.4
35.4
35.4
35.4 | 1,1
1,6
97,9
94,1
80,1
76,1
75,0
86,3
101,5
96,3
70,5
79,4
88,4
88,4
88,4
88,2
88,2
88,0
101,6
88,3
88,2
88,0
101,6
88,3
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,4
88,5
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
88,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6
80,6 | 1 137.1
1 137.6
1 137.3
1 36.9
1 36.9
1 35.8
1 35.8
1 37.2
1 39.8
1 36.9
1 36.7
1 36.7
1 36.7
1 36.7
1 36.7
1 36.7
1 36.7
1 37.4
1 3 | 3 44 7 7
3 44 7
3 44 7
3 44 3
3 45 3
3 45 3
3 45 4
3 45 5
3 45 6
3 45 5
3 45 6
3 45 5
3 45 6
3 45 5
3 45 6
3 45 5
3 45 |
| 46 [zu210111040
46 [zu2101110410,pn,
47 [zu2101122340,pn,
48 [zu2101130020,pn,
49 [zu21011300520,pn,
49 [zu2101130520,pn,
50 [zu2101130520,pn,
51 [zu2101130540,pn,
52 [zu2101130540,pn,
53 [zu210113050,pn,
54 [zu2101140150,pn,
55 [zu2101140150,pn,
56 [zu2101140550,pn,
57 [zu2101140550,pn,
58 [zu2101142150,pn,
59 [zu2101142150,pn,
60 [zu2101142150,pn,
61 [zu210114210,pn,
63 [zu210114210,pn,
63 [zu2101150,pn,
63 [zu2101150,pn,
63 [zu2101150,pn,
63 [zu2101150,pn,
64 [zu2101150,pn,
65 [zu2101150,pn,
65 [zu2101150,pn,
65 [zu2101150,pn,
65 [zu2101150,pn,
66 [zu2101150,pn,
66 [zu2101150,pn,
66 [zu21011520,pn,
67 [zu21011520,pn,
67 [zu21011520,pn,
67 [zu21011520,pn,
68 [zu

 | $\begin{array}{c} 20210111041003\\ 20210112234725\\ 20210113002537\\ 20210113052752\\ 20210113052752\\ 20210113054631\\ 20210113054631\\ 20210113054631\\ 2021011401855\\ 2021011401855\\ 20210114018536\\ 20210114015336\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 2021011405352\\ 202101150533\\ 2021011505332\\ 2021011505332\\ 2021011505332\\ 20210115225332\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225322\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 20210116225532\\ 2021011622552\\ 2021011622552\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 20210116225525\\ 202101252525252\\ 20210116225525252\\ 202101252525252\\ 2021012525252525252\\ 202102525$

 | $\begin{array}{c} 20210111 \\ 041003 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 005749 \\ 20210113 \\ 005749 \\ 20210113 \\ 005616 \\ 20210113 \\ 00566 \\ 20210114 \\ 01602 \\ 20210114 \\ 01602 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210114 \\ 015036 \\ 20210115 \\ 00202 \\ 20210115 \\ 00102 \\ 20210115 \\ 00102 \\ 20210115 \\ 202101 \\ 00102 \\ 20210115 \\ 202201 \\ 015030 \\ 20210115 \\ 202201 \\ 20210115 \\ 2020216 \\ 20210115 \\ 2020216 \\ 20210115 \\ 202011 \\ 05722 \\ 20210115 \\ 202011 \\ 01572 \\ 202101 \\ 01572$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.038\\ 0.04\\ 0.05\\ 0.038\\ 0.04\\ 0.038\\ 0.028\\ 0.064\\ 0.038\\ 0.028\\ 0.064\\ 0.008$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 4.1E+15\\ 3.3E+16\\ 4.3E+16\\ 4.3E+16\\ 1.7E+15\\ 3.4E+16\\ 1.7E+16\\ 1.2E+16\\ 1.2E+16\\ 2.0E+16\\ 1.2E+16\\ 1.2E+12\\ 1.2E+$ | Spo Spo | • • • • • • • • • • • • • • • • • • •
 | 72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.1
37.1
37.1
37.3
46.8
56.5
56.6
56.0
56.0
56.0
56.1
33.1
24.1
29.6
 | 1112.8
109.00
94.6
125.3
87.1
100.3
101.00
108.7
99.5
98.6
88.9
90.8
100.8
90.8
100.8
90.3
101.2
90.5
107.3
112.2
107.3
112.2
90.5
94.7
94.2
94.7
94.7 | 137.4 137.1 136.6 137.3 136.6 137.3 137.1 137.1 137.1 137.1 137.1 136.6 137.1 136.6 139.7 136.6 139.1 136.6 139.1 136.6 139.1 136.6 137.1 136.6 137.1 137.1 136.6 137.1 137.1 137.1 136.6 137.1 137.1 137.6 137.6 137.6 137.6 137.6 137.8 137.8 137.8 137.6 137.6 137.6
 | 34.2
35.5
34.4
35.9
35.7
34.8
35.9
36.1
35.9
38.1
35.9
38.1
35.9
38.1
35.9
38.1
35.9
38.1
35.9
38.1
35.9
36.2
35.9
36.2
35.9
36.2
35.9
36.2
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
36.1
35.9
35.9
35.9
35.9
35.9
35.9
35.9
35.9 | 1,1
1,1
1,1
1,1
1,1
1,1
1,1
1,1 |
137.1
137.3
136.9
136.9
136.3
135.8
137.2
139.6
136.9
136.9
136.9
136.9
139.8
140.0
139.8
140.0
139.7
136.4
139.7
136.4
137.0
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2 | 3447,
3447,
343,
3564,
345,
3663,
356,
345,
3663,
356,
345,
3662,
37.9,
35.4,
35.4,
35.4,
35.4,
35.4,
35.4,
35.5,
35.4,
35.5,
35.4,
35.5,
35.5,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.6,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7,
35.7, |
| 46 Izu210111041 46 Izu2101112340.pmJ 47 Izu2101123340.pmJ 48 Izu2101130520.pmJ 50 Izu2101130520.pmJ 51 Izu2101130520.pmJ 53 Izu2101130540.pmJ 53 Izu2101130540.pmJ 53 Izu2101140150.pmJ 54 Izu2101140150.pmJ 55 Izu2101140150.pmJ 56 Izu2101140550.pmJ 57 Izu2101140550.pmJ 58 Izu2101142150.pmJ 59 Izu210114250.pmJ 60 Izu2101150010.pmJ 61 Izu2101150010.pmJ 62 Izu2101150010.pmJ 63 Izu2101150010.pmJ 64 Izu210115030.pmJ 65 Izu210115030.pmJ 64 Izu210115030.pmJ 65 Izu210115030.pmJ 65 Izu210115030.pmJ 65 Izu210115200.pmJ 66 Izu210115200.pmJ 67 Izu210115200.pmJ 67 Izu210115200.pmJ <td>20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113054631
2021011322255
2021011401585
20210114015361
20210114053611
2021011405361
2021011405361
20210114221326
20210114221326
20210115001123
20210115011525
20210115011325
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
20210115200218</td> <td>$\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 2001113 002546\\ 20210113 002546\\ 20210113 0054629\\ 202210113 064629\\ 202210113 064616\\ 20210113 202254\\ 20210114 010852\\ 20210114 015366\\ 20210114 015366\\ 20210114 055350\\ 20210114 055350\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 20216\\ 20210115 20216\\ 20210115 225329\\ 20210115 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 202101122\\ 20210116 21722\\ 20210122\\ 202101122\\ 20210122\\ 20210122\\ 20210122\\ 20210$</td> <td>$\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.1.35\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ 0.38\\ 0.28\\ 0.28\\ 0.64\\ 0.00\\ 0.0$</td> <td>5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15
1.5E+16
6.7E+15
4.6E+16
2.5E+16
7.2E+15
3.3E+16
3.3E+16
4.1E+15
3.3E+16
4.8E+15
4.9E+16
1.7E+16
6.8E+15
4.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16</td> <td>Sp0 Sp0 Sp0</td> <td>$\begin{array}{c} \cdot \\ & -1.25\\ & -0.02\\ & -0.84\\ & -3.33\\ & 0.67\\ & -2.79\\ & -0.35\\ & -0.35\\ & -0.35\\ & -1.07\\ & -0.38\\ & -1.23\\ & -1.03\\ & -0.33\\ &$</td> <td>$\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 56.5\\ 66.8\\ 56.6\\ 56.0\\ 26.1\\ 34.1\\ 44.2\\ 22.6\\ 62.6\\ 8\end{array}$</td> <td>112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
99.8
88.9
90.8
100.8
90.9
90.8
100.8
100.2
107.3
101.9
108.2
107.3
102.2
108.4
94.7
94.5
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7</td> <td>1 137.4 1 137.1 1 136.8 1 136.8 1 136.6 1 137.1 1 136.6 1 137.1 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.8 1 136.8 1 136.8 1 136.8 1 137.1 1 136.8 1 137.8 1 137.8 1 137.8 1
 137.8 1 137.8 1 137.8 1 137.8 1 137.6 1 139.2 1 139.2</td> <td> U ()
34.2
35.5
35.5
35.5
35.7
35.9
35.9
35.9
35.9
35.9
35.7
36.2
36.2
36.2
36.2
36.2
36.2
36.2
36.5
36.2
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
35.5
36.5
35.5
36.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.</td> <td>1.1
5.6
9.4.11
80.11
80.11
80.11
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.</td> <td>$\begin{array}{c} 137.1\\ 137.6\\ 137.6\\ 137.8\\ 136.9\\ 136.9\\ 136.8\\ 135.8\\ 135.8\\ 135.8\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.6\\ 140.0\\ 138.7\\ 136.6\\ 140.0\\ 138.7\\ 136.5\\ 137.4\\ 136.7\\ 137.4\\ 137.4\\ 137.4\\ 138.0\\ 138.9\\ 138.6\\ 139.6\\ 13$</td>
<td>34477
344747
34434
35433
3453433
345333656
346333656
34656334652
34656334652
3453733
3457335262
3556335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
3555626262
355566262
355566626262
3555666626262626262626262626262626262626</td> | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113054631
2021011322255
2021011401585
20210114015361
20210114053611
2021011405361
2021011405361
20210114221326
20210114221326
20210115001123
20210115011525
20210115011325
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
202101152031431
20210115200218

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 2001113 002546\\ 20210113 002546\\ 20210113 0054629\\ 202210113 064629\\ 202210113 064616\\ 20210113 202254\\ 20210114 010852\\ 20210114 015366\\ 20210114 015366\\ 20210114 055350\\ 20210114 055350\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210114 221326\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 20216\\ 20210115 20216\\ 20210115 225329\\ 20210115 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 225329\\ 20210116 217222\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 20210116 21722\\ 202101122\\ 20210116 21722\\ 20210122\\ 202101122\\ 20210122\\ 20210122\\ 20210122\\ 20210$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.1.35\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ 0.38\\ 0.28\\ 0.28\\ 0.64\\ 0.00\\ 0.0$ | 5.7E+16
1.2E+16
2.1E+16
3.3E+17
2.3E+15
7.9E+16
9.2E+15
1.5E+16
6.7E+15
4.6E+16
2.5E+16
7.2E+15
3.3E+16
3.3E+16
4.1E+15
3.3E+16
4.8E+15
4.9E+16
1.7E+16
6.8E+15
4.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16
2.9E+16 | Sp0 | $\begin{array}{c} \cdot \\ & -1.25\\ & -0.02\\ & -0.84\\ & -3.33\\ & 0.67\\ & -2.79\\ & -0.35\\ & -0.35\\ & -0.35\\ & -1.07\\ & -0.38\\ & -1.23\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -1.03\\ & -0.33\\ & $
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 56.5\\ 66.8\\ 56.6\\ 56.0\\ 26.1\\ 34.1\\ 44.2\\ 22.6\\ 62.6\\ 8\end{array}$
 | 112.8
109.0
94.6
125.3
87.1
100.3
101.0
108.7
99.5
99.8
88.9
90.8
100.8
90.9
90.8
100.8
100.2
107.3
101.9
108.2
107.3
102.2
108.4
94.7
94.5
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7 | 1 137.4 1 137.1 1 136.8 1 136.8 1 136.6 1 137.1 1 136.6 1 137.1 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.8 1 136.8 1 136.8 1 136.8 1 137.1 1 136.8 1 137.8 1 137.8 1 137.8 1 137.8 1 137.8 1 137.8 1 137.8 1 137.6 1 139.2 1 139.2
 | U ()
34.2
35.5
35.5
35.5
35.7
35.9
35.9
35.9
35.9
35.9
35.7
36.2
36.2
36.2
36.2
36.2
36.2
36.2
36.5
36.2
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
36.5
35.5
36.5
35.5
36.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35.5
35. | 1.1
5.6
9.4.11
80.11
80.11
80.11
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80.0
80. | $\begin{array}{c} 137.1\\ 137.6\\ 137.6\\ 137.8\\ 136.9\\ 136.9\\ 136.8\\ 135.8\\ 135.8\\ 135.8\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.6\\ 140.0\\ 138.7\\ 136.6\\ 140.0\\ 138.7\\ 136.5\\ 137.4\\ 136.7\\ 137.4\\ 137.4\\ 137.4\\ 138.0\\ 138.9\\ 138.6\\ 139.6\\
139.6\\ 13$ | 34477
344747
34434
35433
3453433
345333656
346333656
34656334652
34656334652
3453733
3457335262
3556335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
355335262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35535262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
35556262
3555626262
355566262
355566626262
3555666626262626262626262626262626262626 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
49 [zu21011300520,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
52 [zu2101130540,pn]
53 [zu2101130540,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140150,pn]
58 [zu2101140550,pn]
59 [zu2101140550,pn]
59 [zu2101142150,pn]
59 [zu2101142150,pn]
60 [zu2101142150,pn]
61 [zu210114050,pn]
62 [zu2101140550,pn]
63 [zu2101142150,pn]
64 [zu2101150010,pn]
64 [zu2101150,pn]
65 [zu2101142150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
66 [zu2101150,pn]
67 [zu2101150,pn]
68 [zu2101150,pn]
68 [zu210116,pn]
69 [zu210116,pn]
69 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
60 [zu210116,pn]
61 [zu210116,pn]
62 [zu210116,pn]
63 [zu210116,pn]
64 [zu210116,pn]
65 [zu210116,pn]
65 [zu210116,pn]
67 [zu210116,pn]

 | $\begin{array}{c} 20210111041003\\ 20210112234725\\ 20210113002537\\ 20210113052752\\ 20210113052752\\ 20210113054631\\ 20210113054631\\ 20210113054631\\ 20210114016855\\ 20210114015326\\ 20210114015326\\ 2021011405535\\ 2021011405535\\ 2021011405535\\ 2021011405535\\ 2021011405535\\ 2021011405535\\ 2021011405335\\ 2021011405335\\ 2021011405335\\ 2021011405335\\ 2021011405335\\ 2021011405335\\ 2021011405335\\ 2021011605535\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605355\\ 2021011605353\\ 2021011605355\\ 202101160535\\ 202101160535\\ 202101160535\\ 202101160535\\ 202101160535\\ 20210116055\\ 2021010055\\ 2021010055\\ 202100055\\ 202100055\\ 202100055\\ 20210005\\ 2020005\\ 2020005\\ 20200005\\ 2020005\\ 20200005\\ 20200000$

 | $\begin{array}{c} 20210111.041003\\ 20210112.234722\\ 20210113.002536\\ 20210113.052749\\ 202210113.054629\\ 20210113.054629\\ 20210113.06616\\ 20210113.066616\\ 20210114.015036\\ 20210114.015036\\ 20210114.015036\\ 20210114.015036\\ 20210114.05356\\ 20210114.05356\\ 20210114.05356\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210114.05366\\ 20210115.0031420\\ 20210115.00366\\ 20210115.05060\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 20210115.0506\\ 202100\\ 20210115.0506\\ 2021000\\ 2021000\\ 2021000\\ 2021000\\ 2021000\\ 2021000\\ 2021000\\ 202000\\ 2021000\\ 2020000\\ 202000\\ 202000\\ 202000\\ 202000\\ 202000\\ 202000\\ 202000\\ 2$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.64\\ 0.56\\ 0.32\\ 0.64\\ 0.28\\ 0.28\\ 0.28\\ 0.64\\ 0.28\\ 0.28\\ 0.64\\ 0.28\\ 0.28\\ 0.28\\ 0.02\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 4.1E+15\\ 3.3E+16\\ 4.1E+15\\ 3.3E+16\\ 4.3E+17\\ 3.4E+15\\ 4.3E+16\\ 1.7E+16\\ 6.8E+15\\ 1.2E+16\\ 2.0E+16\\ 2.0E+$ | Spo | $\begin{array}{c} \bullet & \blacksquare \ // X \\ \hline & -1.25 \\ \hline & 0.02 \\ -0.84 \\ -3.33 \\ \hline & 0.67 \\ -2.79 \\ -0.35 \\ 0.14 \\ -1.33 \\ -1.07 \\ -1.23 \\ 0.38 \\ -1.23 \\ 0.38 \\ -1.23 \\ -1.38 \\ -1.23 \\ 0.38 \\ -3.24 \\ -1.38 \\ -0.23 \\ -0.33 \\ -0.03 \\ -0.33 \\ -0.61 \\ -1.38 \\ -0.36 \\ -0$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 56.0\\ 26.1\\ 24.2\\ 22.0\\ 66.8\\$
 | 1112.8
109.00
94.6
125.3
87.1
100.3
101.00
108.7
99.5
98.6
88.9
90.8
100.8
90.3
101.2
90.5
94.7
94.2
90.5
94.7
94.2
90.5
94.7
94.5
94.7
94.5
94.7
94.5
94.7
94.5
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7 | 137.4 137.1 136.6 137.3 136.6 137.3 137.1 137.1 137.1 137.1 137.1 136.6 137.1 136.6 140.0 136.1 140.0 136.6 137.1 136.6 137.1 136.6 137.1 137.1 136.6 137.1 137.1 136.6 137.1 137.6 137.1 136.6 137.1 136.6 137.6 137.6 137.6 137.6 137.6 137.6 137.6 137.6 138.8 138.8
 | 34.2 35.5 35.7 36.2 36.2 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.4 36.5 37.1 35.8 35.9 36.9 36.9 36.4 35.5 35.6 | 211
241
241
241
241
241
241
241 | $\begin{array}{c} 1.37.4\\ 1.37.6\\ 1.37.6\\ 1.37.8\\ 1.36.9\\ 1.36.9\\ 1.36.8\\ 1.37.2\\ 1.39.8\\ 1.39.8\\ 1.36.6\\ 1.39.8\\ 1.36.4\\ 1.36.4\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.37.4\\ 1.37.2\\ 1.37.4\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\ 1.37.5\\ 1.37.6\\$
 | $\begin{array}{r} 344,7\\ 34,3\\ 34,3\\ 34,3\\ 34,3\\ 36,6\\ 34,3\\ 35,6\\ 36,3\\ 36,6\\ 36,2\\ 37,3\\ 33,4\\ 35,4\\ 35,4\\ 35,4\\ 35,5\\ 35,6\\ 35,5\\ 35,6$ |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130520,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
54 [zu2101140150,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140530,pn]
58 [zu2101140530,pn]
58 [zu2101140530,pn]
60 [zu2101140530,pn]
61 [zu210114050,pn]
63 [zu210114050,pn]
63 [zu210114050,pn]
63 [zu2101150010,pn]
63 [zu2101150010,pn]
63 [zu2101150010,pn]
63 [zu2101150010,pn]
64 [zu2101150310,pn]
65 [zu2101150310,pn]
65 [zu2101150310,pn]
66 [zu210115050,pn]
67 [zu210115050,pn]
68 [zu210115050,pn]
69 [zu210115050,pn]
69 [zu210115050,pn]
69 [zu210115050,pn]
69 [zu210115050,pn]
69 [zu210115050,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [zu2100115000,pn]
60 [

 | 20210111.041003
20210112.234725
20210113.002537
20210113.002537
20210113.052752
20210113.060618
20210113.060618
20210114.010855
20210114.015039
20210114.015361
20210114.053611
20210114.05361
20210114.05361
20210114.215406
20210114.215406
20210115.002053
20210115.001123
20210115.002053
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.0031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.2031431
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210115.20314
20210114.015332

 | $\begin{array}{c} 20210111\ 041003\\ 20210112\ 234722\\ 20210112\ 0302536\\ 20210113\ 002536\\ 20210113\ 05256\\ 20210113\ 050616\\ 20210113\ 050616\\ 20210114\ 010852\\ 20210114\ 010852\\ 20210114\ 015366\\ 20210114\ 015366\\ 20210114\ 055350\\ 20210114\ 055350\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210114\ 221326\\ 20210115\ 002050\\ 20210115\ 00122\\ 20210115\ 00122\\ 20210115\ 002050\\ 20210115\ 002050\\ 20210115\ 002050\\ 20210115\ 020502\\ 20210115\ 020502\\ 20210115\ 020502\\ 20210115\ 225329\\ 20210115\ 225329\\ 20210116\ 127532\\ 20210116\ 115732\\ 20210116\ 015332\\ 20210119\ 043631\\ \end{array}$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.35\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 6.7E+16\\ 2.9E+16\\ 2.9E+16\\ 2.9E+16\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 3.3E+16\\ 1.7E+15\\ 1.2E+16\\ 1.7E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 1.3E+16\\ 1.3E+12\\ 1.3E+12\\ 1.3E+12\\ 1.3E+12\\ 1.3E+12\\ 1.3E+12\\ 1.3E+12\\ 1.3E+$ | SPO | $\begin{array}{c} \bullet \\ \bullet \\ \hline \\ -1.25\\ 0.02\\ -0.84\\ -3.33\\ 0.67\\ -2.79\\ -2.79\\ -2.79\\ -2.79\\ -0.35\\ -0.14\\ 1.01\\ -1.83\\ -1.23\\ -1.23\\ -1.23\\ -1.23\\ -1.23\\ -1.13\\ -0.23\\ -0.33\\ -0.63\\ $
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 59.6\\ 56.0\\$
 | 1112.8
109.00
94.6
92.5
3.8
7.1
100.3
101.0
99.5
98.6
88.9
90.5
99.5
98.6
88.9
90.5
108.7
99.5
98.6
88.9
90.5
100.2
107.3
102.2
107.3
102.4
94.2
94.2
94.2
94.6
94.6
94.6
94.6
94.6
94.6
94.6
94.6 | 1 137.4 1 137.1 1 136.8 1 136.8 1 137.1 1 136.8 1 137.1 1 136.8 1 137.1 1 136.8 1 139.7 1 136.8 1 136.8 1 136.8 1 36.8 1 36.8 1 37.5 1 38.2 1 37.5 1 38.2 1 37.6 1 37.5 1 38.2 1 37.6 1 38.2 1 37.6
 | 34.2 35.5 35.4 35.7 35.7 36.2 36.1 34.4 35.7 36.1 34.3 36.2 36.1 36.2 36.2 36.2 36.2 36.2 36.2 36.2 36.2 35.9 36.0 35.9 36.2 35.4 | 1.1
5.6
9.4.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.1
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
80.2
8 | $\begin{array}{c} 137.1\\ 137.6\\ 137.6\\ 136.9\\ 136.9\\ 136.8\\ 135.8\\ 135.8\\ 137.2\\ 139.6\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.9\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 136.7\\ 137.5\\ 136.0\\ 136.7\\ 136.0\\ 136.7\\ 137.5\\ 136.0\\ 136.7\\ 136.0\\ 136.7\\ 136.7\\ 136.0\\ 136.7\\ 136.0\\ 136.7\\ 136.0\\ 136.7\\ 136.0\\ 136.0\\ 136.7\\ 136.0\\ 136.0\\ 136.7\\ 136.0\\ 13$
 | 3 4 4 7 7
3 4 4 7 7
3 4 4 3
3 4 5 4 3
3 5 5 6
3 5 6 6
3 6 5 6
3 6 6 2 9
3 6 7 4
3 5 7 3
3 6 5 6
3 6 7 9
3 5 7 3
3 5 6 9
3 5 6 9
3 5 6 9
3 5 6 9
3 5 5 7
3 5 5 9
3 5 5 3
3 5 5 5 3
3 5 5 5 5
3 5 5 5
5 5 5 5 |
| 46 [zu210111040
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130020,pn]
49 [zu2101130020,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101140150,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140150,pn]
58 [zu2101140150,pn]
58 [zu2101140150,pn]
58 [zu2101140150,pn]
60 [zu2101140550,pn]
61 [zu2101150020,pn]
62 [zu2101150020,pn]
63 [zu2101150020,pn]
64 [zu2101150020,pn]
65 [zu2101150310,pn]
66 [zu2101150310,pn]
67 [zu2101150250,pn]
68 [zu2101150250,pn]
68 [zu2101150250,pn]
69 [zu2101150250,pn]
70 [zu2101150250,pn]
71 [zu2101190130,pn]
71 [zu2101190430,pn]
71 [zu2101190440,pn]
71 [zu2101190440,pn]
71 [zu2101190440,pn]

 | $\begin{array}{c} 20210111 041003\\ 20210112 234725\\ 20210113 002537\\ 20210113 0052752\\ 20210113 052752\\ 20210113 056611\\ 20210113 060618\\ 20210113 010855\\ 20210114 010855\\ 20210114 015326\\ 20210114 015326\\ 20210114 055352\\ 20210114 055352\\ 20210114 055352\\ 20210114 215406\\ 20210114 221326\\ 20210114 215406\\ 20210115 001123\\ 20210115 001123\\ 20210115 001123\\ 20210115 050804\\ 20210115 183506\\ 20210115 20218\\ 20210115 225332\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 043631\\ 20210119 044758\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\ 20210119 044558\\$

 | 20210111_041003
20210112_234722
20210113_002536
20210113_054629
20210113_054629
20210113_054629
20210113_054629
20210113_06616
20210114_010852
20210114_015036
20210114_015324
20210114_05306
20210114_05305
20210114_05305
20210114_215404
20210114_05305
20210114_21326
20210115_031429
20210115_031429
20210115_031429
20210115_031429
20210115_031429
20210115_031429
20210115_031429
20210115_031429
20210115_202516
20210115_20216
20210115_20216
20210115_20216
20210115_20216
20210115_20216 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.35\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.32\\ 0.64\\ 0.58\\ 0.33\\ 0.64\\ 0.53\\ 0.14\\ 0.14\\ 0.14\\ 0.53\\ 0.14\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 4.1E+15\\ 3.3E+16\\ 4.1E+15\\ 3.3E+16\\ 1.7E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 2.3E+16\\ 2.1E+16\\ 2.1E+16\\ \end{array}$ | Spo Spo |

 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 66.6\\ 66.8\\ 66.8\\ 66.8\\ 66.9\\ 66.9\\ 65.9\\ 66.9\\$ | 1112.8
109.00
94.6
125.33
87.1
100.3
101.0
108.7
98.6
88.9
90.8
90.8
90.8
90.0
8
90.0
8
90.0
8
90.0
8
90.0
8
90.0
90.0 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 140.0 1 136.6 1 136.6 1 136.6 1 136.3 1 137.5 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6
 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.4 35.9 36.1 36.2 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 | 211
211
211
211
211
211
211
211
 | 1 37.1
1 37.3
1 36.9
1 36.9
1 36.3
1 35.8
1 37.2
1 39.6
1 39.6
1 39.6
1 39.8
1 36.9
1 37.2
1 37.4
1 37.5
1 38.6
1 37.5
1 | 344,7
344,7
34,3
36,4
36,4
36,3
36,3
36,3
36,3
36,3
36,3
36,3
36,2
37,9
33,4
35,4
35,4
35,4
35,6
35,4
35,6
35,5
35,6
35,5
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35,5
35 |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130520,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
54 [zu2101130540,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140530,pn]
58 [zu2101140530,pn]
58 [zu2101142150,pn]
60 [zu2101142150,pn]
61 [zu210114210,pn]
62 [zu2101150010,pn]
63 [zu2101150010,pn]
63 [zu2101150010,pn]
64 [zu210115000,pn]
65 [zu210115000,pn]
65 [zu210115000,pn]
66 [zu210115000,pn]
67 [zu210115000,pn]
68 [zu210115200,pn]
69 [zu210115200,pn]
69 [zu210115200,pn]
70 [zu2101190430,pn]
71 [zu2101190430,pn]
71 [zu2101190440,pn]
71 [zu210119050,pn]
72 [zu210119050,pn]
72 [zu210119050,pn]
73 [zu2101190430,pn]
74 [zu2101190440,pn]
74 [zu210119050,pn]
74 [zu210119050,pn]
75 [zu210119050,pn]
76 [zu2101190430,pn]
77 [zu2101190440,pn]
77 [zu210119050,pn]
70 [zu210119050,pn]
71 [zu210119050,pn]
72 [zu210119050,pn]
72 [zu210119050,pn]
73 [zu210119050,pn]
74 [zu2101190500,pn]
75 [zu210119050,pn]
75 [zu21

 | $\begin{array}{c} 20210111041003\\ 20210112234725\\ 20210113002537\\ 20210113002537\\ 20210113054631\\ 20210113064618\\ 20210113066618\\ 20210114010855\\ 20210114015326\\ 20210114015361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 202101150361\\ 2021011500233\\ 20210115001123\\ 2021011500143\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 20210115020318\\ 20210115020318\\ 20210115003143\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 202101150031431\\ 20210119043631\\ 20210119043631\\ 202101190043631\\ 20210119005913\\ 2021019005913\\ 20210119005913\\ 20210119005913\\ 20210119005913\\ 2021011900591\\ 2021011900591\\ 20210119005913\\ 20210019005913\\ 20210019005913\\ 20210019005913\\ 20210019005913\\ 2021001905912005\\ 20210019005913\\ 20210019$

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 002546\\ 20210113 05440\\ 20210113 05440\\ 20210113 054616\\ 20210113 026616\\ 20210114 010852\\ 20210114 010852\\ 20210114 015366\\ 20210114 0153660\\ 20210114 055360\\ 20210114 055360\\ 20210114 221366\\ 20210114 221366\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 225329\\ 20210115 225329\\ 20210115 225329\\ 20210115 225329\\ 20210116 175732\\ 20210119 045631\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 044754\\ 20210119 045912\\ \end{array}$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.20\\ 0.27\\ 0.21\\ 0.27\\ 0.21\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.66\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ 0.38\\ 0.60\\ 0.28\\ 0.60\\ 0.53\\ 0.64\\ 0.53\\ 0.64\\ 0.53\\ 0.64\\ 0.53\\ 0.60\\ 0.28\\ 0.60\\ 0.28\\ 0.62\\ 0.28\\ 0.60\\ 0.28\\ 0.60\\ 0.28\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+16\\ 4.6E+16\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.7E+16\\ 3.3E+16\\ 1.7E+16\\ 1.2E+16\\ 1.2E+16\\ 2.9E+16\\ 1.2E+16\\ 1.2E+16\\ 2.3E+16\\ 1.2E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.2E+16\\ 2.1E+16\\ 2.1E+12\\ 2.1E+12\\ 2.1E+12\\ 2.1E+12\\ 2.1E+12\\ 2.1E+12\\ 2.1E+12\\ 2.1E+$ | SPO SPO SPO SPO | $\begin{array}{c c} & & & & & & \\ & & & -1.25\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & & 0.02\\ & & & & & & & & & 0.02\\ & & & & & & & & & 0.02\\ & & & & & & & & & 0.02\\ & & & & & & & & & & 0.02\\ & & & & & & & & & & & 0.02\\ & & & & & & & & & & & 0.02\\ & & & & & & & & & & & & 0.02\\ & & & & & & & & & & & & & & & & 0.02\\ & & & & & & & & & & & & & & & & & & &$
 | 72.3
47.6
37.8
60.9
17.0
26.5
66.8
67.6
34.0
37.9
40.1
37.9
40.1
37.9
40.1
37.9
40.1
37.9
40.1
37.9
40.1
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
40.0
37.9
37.9
40.0
37.9
40.0
37.9
40.0
37.9
37.9
40.0
37.9
40.0
37.9
40.0
37.9
37.9
37.9
37.9
37.9
37.9
37.9
37.9
 | 1112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
100.7
99.5
98.6
88.9
90.8
100.9
90.8
100.9
108.2
107.3
1102.5
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7 | 1 137.4 1 137.1 1 136.3 1 136.6 1 137.1 1 136.6 1 137.1 1 137.1 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 140.0 1 136.6 1 136.6 1 136.6 1 136.6 1 136.6 1 136.8 1 136.8 1 137.6 1 137.6 1 137.6 1 137.9 1 137.9 1 137.9 1 137.9 1 138.1 1 137.9
 | 34.2 34.2 35.5 34.4 35.7 34.4 35.7 34.4 35.7 34.4 36.1 36.2 36.1 36.1 36.1 36.2 36.3 36.4 35.7 35.4 | 1.1 6 97.9 94.1 80.1 69.0 76.1 75.0 86.3 101.5 97.9 97.9 97.9 88.0 88.0 101.2 92.1 83.6 101.2 98.7 91.7 91.2 91.2 | $\begin{array}{c} 1 37.1 \\ 1 37.6 \\ 1 37.6 \\ 1 37.6 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 39.6 \\ 1 39.6 \\ 1 39.8 \\ 1 39.6 \\ 1 39.8 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.5 \\ 1 36.5 \\ 1 36.5 \\ 1 36.5 \\ 1 36.5 \\ 1 36.5 \\ 1 37.2 \\ 1 37.5 \\ 1 38.0 \\ 1 37.9 \\ 1 37.$
 | $\begin{array}{c} 3347 \\ 7347 \\ 3443 \\ 3543 \\ 3543 \\ 3556 \\ 3453 \\ 3556 \\ 3453 \\ 3556 \\ 3453 \\ 3556 \\ 3457 \\ 3556 \\ 3556 \\ 3556 \\ 3556 \\ 3557 \\ 3556 \\ 3557 \\ 3557 \\ 3557 \\ 3555 \\ 35$ |
| 46 [zu210111041
46 [zu2101110410.pn]
47 [zu2101122340.pn]
48 [zu2101130520.pn]
49 [zu2101130520.pn]
50 [zu2101130520.pn]
51 [zu2101130540.pn]
53 [zu2101130540.pn]
54 [zu2101140520.pn]
55 [zu2101140150.pn]
56 [zu2101140150.pn]
57 [zu2101140150.pn]
58 [zu2101140150.pn]
58 [zu2101140530.pn]
58 [zu2101140530.pn]
68 [zu2101140530.pn]
60 [zu2101140530.pn]
61 [zu2101140530.pn]
62 [zu2101140530.pn]
63 [zu2101150210.pn]
64 [zu2101150210.pn]
65 [zu2101150210.pn]
66 [zu2101150200.pn]
67 [zu2101152250.pn]
68 [zu2101152250.pn]
68 [zu2101152250.pn]
68 [zu210115250.pn]
70 [zu2101190530.pn]
71 [zu2101190440.pn]
72 [zu2101190440.pn]
73 [zu2101190500.pn]
73 [zu2101190500.pn]
73 [zu2101190500.pn]
74 [zu2101190500.pn]
75 [zu2101190500.pn]
76 [zu2101190500.pn]
77 [zu2101190500.pn]
73 [zu2101190500.pn]
73 [zu2101190500.pn]
73 [zu2101190500.pn]
73 [zu2101190500.pn]
74 [zu2101190500.pn]
75 [zu2101190500.pn]
75 [zu2101190500.pn]
75 [zu2101190500.pn]
75 [zu2101190500.pn]
75 [zu2101190500.pn]
75 [zu2101190510.pn]
75 [zu

 | $\begin{array}{c} 20210111 041003\\ 20210112 234725\\ 20210113 002537\\ 20210113 052752\\ 20210113 052752\\ 20210113 056618\\ 20210113 060618\\ 20210113 010855\\ 20210114 010855\\ 20210114 015326\\ 20210114 015326\\ 20210114 055352\\ 20210114 055352\\ 20210114 055352\\ 20210114 055352\\ 20210114 215406\\ 20210114 055352\\ 20210114 215406\\ 20210115 00123\\ 20210115 00123\\ 20210115 00123\\ 20210115 002053\\ 20210115 050804\\ 20210115 20218\\ 20210115 20218\\ 20210115 20218\\ 20210115 20218\\ 20210115 050804\\ 20210115 20218\\ 20210115 015306\\ 20210115 20218\\ 20210115 20218\\ 20210115 015306\\ 20210119 015306\\ 20210119 015306\\ 20210119 043631\\ 20210119 05913\\ 20210119 051242\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 20210112 05124\\ 2021012 05124\\ 20210112 05124\\ 2021012 05124\\ 2021012 05124\\ 2021012 0512$

 | 20210111_041003
20210112_234722
20210113_002536
20210113_054629
20210113_054629
20210113_054629
20210113_054629
20210114_010852
20210114_010852
20210114_015364
20210114_05366
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210114_05365
20210115_001122
20210115_00506
20210115_00560
20210115_00560
20210115_00560
20210115_00560
20210115_00563
20210115_00560
20210115_00563
20210115_00563
20210115_00563
20210115_00563
20210115_00563
20210115_00563
20210115_004631
20210119_0044754
20210119_00591240 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.35\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.32\\ 0.64\\ 0.56\\ 0.32\\ 0.64\\ 0.51\\ 0.14\\ 0.28\\ 0.60\\ 0.44\\ 0.53\\ 0.14\\ 0.28\\ 0.42\\ 0.42\\ 0.44\\ 0.28\\ 0.42\\ 0.42\\ 0.42\\ 0.42\\ 0.42\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\ 0.42\\ 0.51\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 2.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 1.6E+16\\ 2.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+17\\ 3.3E+16\\ 1.7E+16\\ 1.7E+16\\ 6.8E+15\\ 1.2E+16\\ 2.0E+15\\ 2.3E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 2.5E+16\\ 3.3E+16\\ 2.5E+16\\ 3.3E+16\\ 3.4E+16\\ 3.4E+$ | Spo Spo Spo |
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 226.1\\ 34.1\\ 34.8\\ 59.6\\ 66.5\\ 66.7\\ 66.8\\ 66.8\\ 66.8\\ 66.8\\ 66.8\\ 66.9\\ 66.7\\ 42.2\end{array}$
 | 1112.8
109.00
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
90.8
90.9
90.8
90.9
90.8
90.9
90.8
102.2
107.3
102.2
108.4
94.2
94.7
94.7
94.7
93.3
106.4
112.5
94.7
92.5
92.5
92.5
92.5
92.5
92.5
92.5
92.5 | 1 137.4 1 137.1 1 36.3 1 37.3 1 36.6 1 37.1 1 36.6 1 37.1 1 36.6 1 137.1 1 36.6 1 140.0 1 36.6 1 38.8 1 39.1 1 36.6 1 36.6 1 36.6 1 36.6 1 37.5 1 37.6 1 37.6 1 37.5 1 38.8 1 37.5 1 38.1 1 37.5 1 38.1
 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.3 36.3 36.4 35.8 35.4 | 1.1
9.4.1
9.4.1
80.1
80.1
80.1
80.1
80.0
75.0
86.3
96.3
73.0
79.5
73.4
84.6
88.4
88.4
88.4
88.4
88.2
92.6
79.5
83.6
83.6
83.6
83.6
83.6
83.6
101.5
83.6
83.6
83.6
83.6
101.5
83.6
83.6
83.6
101.5
83.6
83.6
83.6
101.5
83.6
83.6
101.5
83.6
83.6
83.6
101.5
83.6
83.6
101.5
83.6
83.6
101.5
83.6
83.6
101.5
83.6
83.6
101.5
83.6
83.6
83.6
83.7
92.1
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.6
101.5
83.6
83.6
83.7
92.7
101.5
83.7
92.6
101.6
101.6
101.6
101.6
101.6
101.7
83.6
92.7
101.5
101.7
102.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
101.5
10.5
10.5
10.5
10.5
10.5
10.5
10.5
10.5
10.5
10.5
1 | $\begin{array}{c} 1.37.1\\ 1.37.6\\ 1.37.6\\ 1.37.8\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.37.4\\ 1.37.2\\ 1.37.4\\ 1.37.5\\ 1.37.6\\ 1.38.6\\ 1.37.9\\ 1.38.6\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.38.6\\ 1.37.5\\ 1.38.1\\ 1.40.4\\$
 | $\begin{array}{r} 3 3 4, 7 \\ 3 4, 2 \\ 3 4, 3 \\ 3 4, 3 \\ 3 4, 3 \\ 3 5, 6 \\ 3 3, 6 \\ 3 3, 6 \\ 3 \\ 3 5, 6 \\ 3 3, 4 \\ 3 \\ 3 3, 4 \\ 3 \\ 3 3, 4 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\$ |
| 46 [zu210111040
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130020,pnn]
49 [zu21011300520,pnn]
50 [zu2101130540,pnn]
51 [zu2101130540,pnn]
52 [zu2101130540,pnn]
53 [zu2101140150,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140550,pnn]
57 [zu2101140550,pnn]
58 [zu2101142150,pnn]
58 [zu210114210,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
62 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu210115030,pnn]
65 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu210115030,pnn]
65 [zu210115030,pnn]
67 [zu210115050,pnn]
68 [zu210115050,pnn]
67 [zu210115030,pnn]
70 [zu2101190430,pnn]
71 [zu2101190430,pnn]
72 [zu2101190430,pnn]
73 [zu2101190510,pnn]
74 [zu2101190510,pnn]
73 [zu2101190510,pnn]
74 [zu2101190500,pnn]
74 [zu2101190500,pnn]
74 [zu2101190500,pnn]
75 [zu21011

 | 20210111041003
20210112234725
20210113052537
20210113052537
20210113054631
20210113066618
20210113066618
20210114010855
20210114015326
20210114053611
2021011405361
2021011405361
20210114215406
20210114215406
20210115001123
20210115011236
20210115031431
20210115031431
20210115031431
20210115031431
202101152332
20210115183506
20210115225332
20210116175733
2021011901536
20210119043631
20210119043631
20210119043631

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 02469\\ 20210113 02469\\ 20210114 05536\\ 20210114 015324\\ 20210114 055360\\ 20210114 055360\\ 20210114 055360\\ 20210114 055360\\ 20210114 053608\\ 20210114 053608\\ 20210114 053608\\ 20210114 053608\\ 20210115 002050\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 225329\\ 20210115 225329\\ 20210115 20216\\ 20210115 02060\\ 20210115 02060\\ 20210115 20216\\ 20210115 041323\\ 20210115 225329\\ 20210115 225329\\ 20210115 045302\\ 20210119 045303\\ 20210119 044754\\ 20210119 044754\\ 20210119 051240\\ 20210119 051240\\ 20210119 055251\\ \end{array}$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.20\\ 0.135\\ 1.35\\ 0.27\\ 0.11\\ 1.35\\ 0.27\\ 0.11\\ 1.35\\ 0.27\\ 0.27\\ 0.27\\ 0.27\\ 0.28\\ 0.64\\ 0.32\\ 0.58\\ 0.028\\ 0.048\\ 0.$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 2.9E+16\\ 3.1E+16\\ 3.4E+15\\ 4.3E+16\\ 1.7E+16\\ 6.8E+15\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.2E+16\\ 5.2E+16\\ 2.0E+16\\ 2.0E+16\\ 1.7E+16\\ 1.2E+16\\ 1.2E+12\\ 1.2E+16\\ 1.2E+12\\ 1.2E+16\\ 1.2E+12\\ 1.2E+$ | spo | $\begin{array}{c c} & & & & & & \\ & & -1.25\\ \hline & & & 0.02\\ & & & -0.84\\ & & & -3.33\\ & & & 0.67\\ & & & -2.79\\ & & & -0.35\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.07\\ & & & 0.32\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -1.23\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.33\\ & & & -0.36\\ & & & -1.22\\ & & & -1.76\\ & & & -2.43\\ \end{array}$
 |
72.3
47.6
37.8
60.9
17.0
24.1
26.5
66.8
67.6
34.0
37.9
41.0
37.9
41.0
37.1
37.1
37.1
37.3
5.6
6.8
67.6
34.0
37.9
41.0
37.9
41.0
37.1
37.1
37.3
37.3
37.3
37.3
37.3
4.0
37.4
1
34.0
37.4
37.4
37.4
37.4
37.5
46.8
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
6
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5.9
5
5
5
5 | 1112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
995.9
996.6
88.9
90.9
90.9
90.9
90.9
90.9
90.9
90.9 | 1 137.4 1 137.1 1 136.3 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 139.7 1 137.1 1 36.8 1 139.1 1 136.8 1 139.1 1 136.8 1 137.6 1 137.8 1 137.8 1 137.8 1 137.5 1 138.1 1 140.3 1 137.3
 | 34.2 35.5 34.4 35.9 35.7 34.4 35.7 34.8 36.1 36.1 36.2 36.1 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.3 36.1 36.2 36.2 36.3 36.4 35.4 36.4 | 2.1
3.2
3.4
3.4
3.4
3.4
3.4
3.4
3.4
3.4
 | $\begin{array}{c} 1.37.4 \\ 1.37.6 \\ 1.37.6 \\ 1.37.8 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.39.8 \\ 1.39.8 \\ 1.39.8 \\ 1.40.0 \\ 1.36.9 \\ 1.37.9 \\ 1.37.$ | $\begin{array}{c} 347,7\\ 343,7\\ 343,3\\ 36,6\\ 34,3\\ 36,6\\ 34,5\\ 36,6\\ 34,5\\ 36,6\\ 34,5\\ 36,6\\ 33,5\\ 4,9\\ 33,4\\ 35,4\\ 35,4\\ 35,4\\ 35,6\\ 35,6\\ 35,6\\ 35,6\\ 35,6\\ 35,6\\ 35,3\\ 35,3\\ 35,3\\ 35,3\\ 35,3\\ 35,3\\ 36,6\\ 35,7\\ 35,5\\ 36,5\\ 36,5\\ 33,7\\ 33,4,2\\ \end{array}$ |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130520,pn]
49 [zu2101130520,pn]
50 [zu2101130540,pn]
51 [zu2101130540,pn]
52 [zu2101130540,pn]
53 [zu2101140150,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140530,pn]
58 [zu2101140530,pn]
60 [zu2101140530,pn]
61 [zu2101140530,pn]
63 [zu2101140530,pn]
64 [zu2101150010,pn]
65 [zu2101150010,pn]
66 [zu2101150310,pn]
66 [zu2101150310,pn]
67 [zu210115250,pn]
68 [zu210115250,pn]
68 [zu2101152250,pn]
68 [zu2101152250,pn]
70 [zu2101190440,pn]
77 [zu2101190440,pn]
73 [zu2101190500,pn]
74 [zu2101190500,pn]
75 [zu2101190500,pn]
74 [zu2101190500,pn]
74 [zu2101190540,pn]
74 [zu2101190540,pn]
75 [zu2101190550,pn]
75 [zu2

 | $\begin{array}{c} 20210111041003\\ 20210112234725\\ 20210113002537\\ 2021011305253\\ 20210113054631\\ 20210113054631\\ 2021011322255\\ 20210114015326\\ 20210114015326\\ 20210114015326\\ 20210114053611\\ 20210114053611\\ 20210114053611\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011405361\\ 2021011500126\\ 2021011500126\\ 2021011500126\\ 2021011500126\\ 2021011500143\\ 2021011500143\\ 2021011500143\\ 20210115031431\\ 20210115031431\\ 20210115031431\\ 20210115031431\\ 20210115031431\\ 2021011503631\\ 2021011603636\\ 2021011603631\\ 2021011904758\\ 20210119044758\\ 20210119051242\\ 20210119051242\\ 20210119051242\\ 20210119051361\\ 20210119051242\\ 2021011905108\\ 2021011905106\\ 20210120051008\\ 202$

 | $\begin{array}{r} 20210111 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 00554 \\ 20210113 \\ 00554 \\ 20210113 \\ 00546 \\ 20210113 \\ 00546 \\ 20210113 \\ 00546 \\ 20210114 \\ 010852 \\ 20210114 \\ 010852 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210115 \\ 001532 \\ 20210115 \\ 001532 \\ 20210115 \\ 001532 \\ 20210115 \\ 00552 \\ 20210115 \\ 00552 \\ 20210115 \\ 00552 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 \\ 20210115 \\ 00562 $ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.35\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.51\\ 0.14\\ 0.28\\ 0.60\\ 0.44\\ 0.53\\ 0.14\\ 0.28\\ 0.42\\ 0.45\\ 0.14\\ 0.28\\ 0.42\\ 0.45\\ 0.45\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 2.3E+17\\ 2.3E+17\\ 2.3E+17\\ 3.3E+17\\ 1.5E+16\\ 0.2E+16\\ 1.5E+16\\ 6.7E+15\\ 1.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+17\\ 3.3E+16\\ 1.7E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 1.2E+16\\ 2.3E+16\\ 2.1E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 1.0E+17\\ 4.1E+15\end{array}$ | Spo Spo | $\begin{array}{c} \bullet & \textcircled{\ } & \end{array}{\ } & \textcircled{\ } & \textcircled{\ } & \$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 66.7\\ 66.7\\ 44.2\\ 22.6\\ 66.8\\ 66.8\\ 66.8\\ 66.7\\ 42.2\\ 44.5\\ 51.6\\ 51.6\\ 51.6\\ 51.6\\ 52.6\\ 52.6\\ 52.6\\ 52.6\\ 53.6\\$ | 1112.8
109.00
94.6
125.33
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.3
100.8
90.9
90.8
90.9
90.8
102.2
107.3
102.2
108.4
94.2
94.7
94.7
94.7
102.5
94.7
102.5
92.5
5
105.0
 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 140.0 1 136.6 137.1 136.6 137.3 137.1 136.6 137.3 137.5 137.6 137.5 137.5 138.8 137.5 138.1 137.5 138.1 137.5 138.0 137.3 137.3 137.5 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.4 35.9 35.9 36.4 35.4
 | 211
294.1
294.1
294.1
294.1
29.4
29.4
29.4
29.4
29.5
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.6
29.7
29.6
29.6
29.7
29.6
29.7
29.6
29.7
29.6
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
29.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20.7
20. | $\begin{array}{c} 1.37.1\\ 1.37.6\\ 1.37.6\\ 1.37.8\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.7\\ 1.38.7\\ 1.36.7\\ 1.36.7\\ 1.36.7\\ 1.37.2\\ 1.37.2\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.38.6\\ 1.37.5\\ 1.37.5\\ 1.38.6\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.38.2\\ 1.37.5\\ 1.38.2\\ 1.37.5\\$ | 344,7
344,7
344,3
356,4
34,3
366,3
366,3
36,6
36,6
36,6
36,2
37,9
37,9
35,4
35,4
35,4
35,4
35,4
35,4
35,5
36,6
35,3
35,6
35,3
35,6
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,3
35,5
35,3
35,5
35,5
35,5
35,5
35,5
33,5,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
33,3,7
 |
| 46 [zu210111040
46 [zu2101110410,pnn]
47 [zu2101123340,pnn]
48 [zu2101130020,pnn]
49 [zu21011300520,pnn]
50 [zu2101130520,pnn]
51 [zu2101130540,pnn]
53 [zu2101130540,pnn]
54 [zu2101130540,pnn]
55 [zu2101140150,pnn]
56 [zu2101140150,pnn]
57 [zu2101140150,pnn]
58 [zu2101140550,pnn]
58 [zu2101140550,pnn]
59 [zu2101142150,pnn]
59 [zu210114210,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
63 [zu2101150010,pnn]
64 [zu2101150310,pnn]
65 [zu2101150310,pnn]
65 [zu2101150310,pnn]
66 [zu210115030,pnn]
67 [zu210115050,pnn]
68 [zu210115030,pnn]
68 [zu210115030,pnn]
67 [zu2101190530,pnn]
70 [zu2101190430,pnn]
71 [zu2101190430,pnn]
72 [zu2101190510,pnn]
73 [zu2101190510,pnn]
73 [zu2101190510,pnn]
74 [zu2101190510,pnn]
75 [zu2101190510,pnn]
76 [zu2101190510,pnn]
76 [zu2101190510,pnn]
77 [zu2101190510,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
76 [zu2101190500,pnn]
77 [zu2101190500,pnn]
78 [zu210

 | 20210111.041003
20210112 234725
20210113 052537
20210113 052752
20210113 052752
2021013 054611
2021013 05461
2021013 05461
2021013 05461
2021014 019855
20210114 015361
20210114 05361
20210114 05361
20210114 05361
20210114 025361
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 02053
20210115 041325
20210115 031431
20210115 183506
20210115 225332
20210115 175733
20210119 015306
20210119 043631
20210119 043631
20210119 050913
20210119 051242
20210119 051242

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 05749\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210114 01536\\ 20210114 01536\\ 20210114 015364\\ 20210114 015364\\ 20210114 015364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210114 05364\\ 20210115 002050\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 20216\\ 20210115 20216\\ 20210115 20216\\ 20210115 225329\\ 20210119 04531\\ 20210119 044754\\ 20210119 051240\\ 20210119 23351\\ 2021012 0051007\\ 2021012 200500\\ 2021012 20050\\ 2021012 2005$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 1.35\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.21\\ 0.38\\ 0.60\\ 0.38\\ 0.038\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.048\\ 0.058\\ 0.054\\ 0.$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 1.2E+16\\ 1.2E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 2.2E+16\\ 5.2E+16\\ 5.2E+12\\ 5.2E+16\\ 5.2E+12\\ 5.2E+12\\ 5.2E+12\\ 5.2E+12\\ 5.2E+12\\ 5.2E+$ | Spo | $\begin{array}{c} \bullet & & & & \\ & -1.25\\ & & & \\ & 0.02\\ & -0.84\\ & -3.33\\ & 0.67\\ & -2.79\\ & -0.35\\ & 0.14\\ & -1.23\\ & -0.35\\ & 0.14\\ & -1.23\\ & -0.38\\ & -1.23$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 56.6\\ 57.6\\ 44.5\\ 44.5\\ 47.9\\ 42.2\\ 44.5\\ 47.9\\ 54.7\\$
 | 112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
98.6
88.9
90.8
90.9
88.9
90.9
90.9
90.9
90.9 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 139.1 1 136.6 1 139.1 1 136.6 1 139.1 1 136.6 1 136.1 1 136.2 1 136.2 1 137.5 1 137.5 1 137.5 1 137.5 1 137.5
 | 34.2 35.5 34.4 35.7 34.8 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.4 35.4 | 1.1 6 97.9 94.1 80.1 69.0 76.1 75.0 86.3 96.3 79.4 88.4 88.4 88.2 88.4 88.2 92.1 92.1 92.1 98.7 91.7 91.7 91.7 76.4 89.0 78.4 96.3 | $\begin{array}{c} 1 37.4 \\ 1 37.6 \\ 1 37.6 \\ 1 37.6 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.1 \\ 1 39.8 \\ 1 36.6 \\ 1 39.8 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 36.1 \\ 1 37.5 \\ 1 37.5 \\ 1 38.1 \\ 1 37.6 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 38.1 \\ 1 37.2 \\ 1 38.2 \\ 1 37.2 \\ 1 38.1 \\ 1 37.2 \\ 1 37.2 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 37.2 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 37.2 \\ 1 37.2 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 37.2 \\ 1 37.2 \\ 1 37.2 \\ 1 37.2 \\ 1 37.5 \\ 1 38.1 \\ 1 37.2 \\ 1 37.$
 | $\begin{array}{r} 3 44,7\\ 34,3\\ 34,3\\ 35,6\\ 34,3\\ 35,6\\ 34,3\\ 35,6\\ 34,5\\ 36,2\\ 33,4,9\\ 33,4\\ 35,4\\ 35,4\\ 35,6\\ 35,5\\ 3$ |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130520,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
53 [zu2101130540,pn]
54 [zu2101140150,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140530,pn]
58 [zu2101140530,pn]
59 [zu2101142150,pn]
60 [zu2101142120,pn]
61 [zu2101142150,pn]
63 [zu2101142150,pn]
63 [zu210114250,pn]
63 [zu210114250,pn]
64 [zu2101150310,pn]
65 [zu210114250,pn]
63 [zu210114250,pn]
63 [zu210114250,pn]
64 [zu2101150310,pn]
65 [zu2101150310,pn]
66 [zu2101150310,pn]
67 [zu210115050,pn]
68 [zu2101190500,pn]
70 [zu2101190540,pn]
71 [zu2101190540,pn]
72 [zu2101190540,pn]
73 [zu2101190540,pn]
74 [zu2101190550,pn]
75 [zu210120050,pn]
76 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu210120050,pn]
77 [zu2101210050,pn]
77 [zu2101210050,pn]
77 [zu2101210050,pn]
77 [zu2101210050,pn]
77 [zu2101210130,pn]
77 [zu2101210050,pn]
77 [zu2101210050,pn]

 | 20210111.041003
20210112.234725
20210113.002537
20210113.052752
20210113.054631
20210113.054631
20210113.02465
20210114.010855
20210114.015039
20210114.015361
20210114.053611
20210114.053611
20210114.05361
20210114.05361
20210115.0253
20210115.021326
20210115.002053
20210115.031431
20210115.002053
20210115.031431
20210115.002053
20210115.020218
20210115.020218
20210115.020218
20210115.020218
20210115.020218
20210115.020218
20210116.175733
20210119.015301
20210119.015331
20210119.015331
20210119.051242
20210119.051242
20210119.051242
20210119.235351
2021012.0051008

 | $\begin{array}{c} 20210111 \ 041003\\ 20210112 \ 234722\\ 20210113 \ 002536\\ 20210113 \ 002536\\ 20210113 \ 064629\\ 20210113 \ 065629\\ 20210113 \ 065629\\ 20210114 \ 015036\\ 20210114 \ 015036\\ 20210114 \ 015036\\ 20210114 \ 015036\\ 20210114 \ 015350\\ 20210114 \ 055350\\ 20210114 \ 055350\\ 20210114 \ 025350\\ 20210114 \ 025350\\ 20210115 \ 001122\\ 20210115 \ 001122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 005002\\ 20210115 \ 005002\\ 20210116 \ 12532\\ 20210119 \ 050912\\ 20210119 \ 05092\\ 20210120 \ 051007\\ 20210120 \ 05002\\ 001000002\\ 0000000000\\ 000000000000$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7\\ 0.7$ | $\begin{array}{r} 5.7E + 16\\ 1.2E + 16\\ 2.1E + 16\\ 3.3E + 17\\ 2.3E + 15\\ 7.9E + 16\\ 9.2E + 15\\ 1.5E + 16\\ 6.7E + 15\\ 1.5E + 16\\ 2.5E + 16\\ 2.5E + 16\\ 2.5E + 16\\ 2.5E + 16\\ 2.9E + 16\\ 3.3E + 16\\ 2.8E + 17\\ 3.4E + 15\\ 1.2E + 16\\ 2.0E + 16\\ 5.4E + 16\\ 1.0E + 17\\ 4.1E + 15\\ 7.3E + 15\\ 1.9E + 16\\ \end{array}$ | Spo | $\begin{array}{c} \cdot & & & & & \\ & & -1.25\\ & & & & \\ & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.03\\ & & & & & 0.33\\ & & & & & 0.03\\ & & & & & & 0.36\\ & & & & & & -1.03\\ & & & & & & 0.03\\ & & & & & & 0.36\\ & & & & & & & 0.36\\ & & & & & & & 0.36\\ & & & & & & & 0.36\\ & & & & & & & & 0.36\\ & & & & & & & & & 0.36\\ & & & & & & & & & & 0.36\\ & & & & & & & & & & & & 0.3\\ \end{array}$
 | 72.3
47.6
37.8
60.9
17.0
26.5
66.8
67.6
34.0
37.9
41.0
37.1
34.8
37.3
56.5
46.8
56.0
26.1
34.1
34.6
56.0
26.1
34.1
44.2
22.6
66.8
66.8
66.9
66.9
59.6
66.8
66.9
66.9
59.6
66.8
66.9
59.6
66.8
66.9
59.6
59.6
59.6
59.6
59.6
59.6
59.6
 | 1112.8
109.00
94.6
92.5
387.1
100.3
101.0
108.7
99.5
99.5
99.5
99.5
99.5
99.5
99.5
99 | 1 137.4 1 137.1 1 136.3 1 36.6 1 137.1 1 136.6 1 137.0 1 137.0 1 137.0 1 136.6 1 140.0 1 136.5 140.0 136.5 140.0 136.5 136.6 136.6 136.8 137.1 136.8 137.8 137.1 136.8 137.2 138.8 137.5 137.5 138.1 137.5 138.0 137.5 138.0 137.5 137.5 137.5 137.5 137.5 137.5 137.5 138.0 137.5 137.5 137.5
 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.2 36.3 36.3 36.4 36.1 37.1 38.1 37.1 35.3 35.3 35.4 35.5 35.7 35.8 35.4 35.6 34.9 34.9 34.9 34.9 | 1,1
6,0
9,4,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
9,4,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,2
8,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2 | $\begin{array}{c} 137.1\\ 137.6\\ 137.6\\ 137.8\\ 136.9\\ 136.9\\ 136.8\\ 135.8\\ 135.8\\ 137.2\\ 139.8\\ 136.6\\ 139.8\\ 136.6\\ 139.8\\ 136.6\\ 139.8\\ 136.6\\ 139.8\\ 136.7\\ 139.8\\ 136.7\\ 139.8\\ 136.7\\ 137.2\\ 137.4\\ 137.2\\ 137.4\\ 137.5\\ 137.5\\ 137.5\\ 137.5\\ 137.5\\ 137.5\\ 137.5\\ 137.5\\ 137.4\\ 137.2\\ 138.6\\ 137.9\\ 137.5\\ 137.5\\ 137.5\\ 138.1\\ 140.4\\ 137.2\\ 138.2\\ 137.3\\ 39.1\\ 139.1\\
139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 139.1\\ 137.5\\ 137.2\\ 137.3\\ 139.1\\ 137.3\\ 137.3\\ 139.1\\ 137.3\\ 139.1\\ 137.3\\ 137$ | 347, 7
347, 3
3437, 3
3566, 3
3662, 3
3662, 3
379, 3
3656, 3
3656, 3
3657, 3
3556, 3
3557, 3
3557, 3
3557, 3
3557, 3
3557, 3
3575, 3
3 |
| 46 [zu210111040
46 [zu2101110410,pnn
47 [zu210112340,pnn
48 [zu21011300520,pnn
49 [zu2101130520,pnn
50 [zu21011305520,pnn
50 [zu21011305520,pnn
51 [zu2101130540,pnn
53 [zu2101130540,pnn
54 [zu2101140150,pnn
55 [zu2101140150,pnn
56 [zu2101140150,pnn
57 [zu2101140550,pnn
58 [zu2101140550,pnn
59 [zu2101142150,pnn
59 [zu2101142150,pnn
60 [zu2101150010,pnn
61 [zu2101150010,pnn
63 [zu2101150010,pnn
64 [zu210115050,pnn
65 [zu2101150310,pnn
65 [zu210115030,pnn
66 [zu210115030,pnn
67 [zu210115050,pnn
68 [zu210115050,pnn
67 [zu210115050,pnn
68 [zu2101150,pnn
67 [zu210119050,pnn
70 [zu2101190430,pnn
71 [zu2101190430,pnn
72 [zu2101190510,pnn
73 [zu2101190510,pnn
74 [zu2101190510,pnn
75 [zu2101190510,pnn
76 [zu2101192350,pnn
77 [zu2101190510,pnn
77 [zu210119230,pnn
77 [zu2101192100,pnn
77 [zu210119230,pnn
77 [zu210119210,pnn
76 [zu2101200510,pnn
77 [zu210119210,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
77 [zu2101200510,pnn
77 [zu2101200510,pnn
77 [zu2101200510,pnn
77 [zu2101200510,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
76 [zu2101200510,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
78 [zu21001200510,pnn
78 [zu21001200510,pnn
78 [zu21001200,

 | 20210111 041003
20210112 234725
20210113 052752
20210113 052752
20210113 054631
20210113 054631
20210113 054653
20210114 015326
20210114 015326
20210114 015326
20210114 015351
20210114 053611
20210114 05361
20210114 025351
20210114 025351
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 031431
20210115 020213
20210116 175733
20210119 015306
20210119 043631
20210119 05913
20210119 050913
20210119 050913
20210121 005005

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 052749\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 024629\\ 20210114 015036\\ 20210114 015036\\ 20210114 015036\\ 20210114 015036\\ 20210114 05366\\ 20210114 05366\\ 20210114 05366\\ 20210114 05366\\ 20210115 00206\\ 20210115 00206\\ 20210115 00206\\ 20210115 041323\\ 20210115 041323\\ 20210115 240206\\ 20210115 240206\\ 20210115 240206\\ 20210115 240206\\ 20210115 05026\\ 20210115 05026\\ 20210115 05026\\ 20210115 05026\\ 20210115 05026\\ 20210115 25329\\ 20210115 05026\\ 20210115 05026\\ 20210115 05026\\ 20210119 04631\\ 20210119 044754\\ 20210119 051240\\ 20210119 23551\\ 20210120 051007\\ 20210121 013247\\ 20210121 0324809\\ \end{array}$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.61\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.60\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.32\\ 0.56\\ 0.56\\ 0.56\\ 0.53\\ 0.60\\ 0.44\\ 0.53\\ 0.28\\ 0.28\\ 0.45\\ 1.28\\ 0.54\\ 0.54\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 1.7E+16\\ 3.3E+16\\ 1.7E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 1.2E+16\\ 5.2E+16\\ 1.2E+16\\ 5.2E+16\\ 1.2E+16\\ 5.2E+16\\ 1.0E+17\\ 4.1E+15\\ 7.3E+15\\ 1.9E+16\\ 1.9E+$ | Spo Spo Spo Spo | P ///X -1.25 -0.02 -0.84 -3.33 -0.67 -2.79 -0.35 -0.14 -1.07 -0.38 -1.23 -0.38 -1.23 -0.38 -1.23 -0.38 -1.33 -0.23 -0.38 -1.33 -0.23 -0.38 -1.33 -0.23 -0.38 -1.24 -1.33 -0.23 -0.36 -1.33 -0.36 -1.33 -0.36 -1.33 -0.36 -1.33 -0.36 -0.36 -0.36 -0.36 -0.36 -0.36 -0.36 -0.37 -0.38 -0.38 -0.38 -0.38 -0.38 -0.38 -0.36 -0.36 -0.36 -0.36 -0.36 -0.37 -0.38 -0.38 -0.38 -0.38 -0.38 -0.38 -0.38 -0.39 -0.39 -0.39 -0.31 -0.32 -0.32 -0.32 -0.32 -0.32 -0.34 -0.36 -0.37 -0.37 -0.38 -0.38 -0.38 -0.38 -0.36 <li< td=""><td>$\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 22.6\\ 66.0\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 26.8\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 20.1\\ 1.3\\ 20.1\\
20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\ 20.1\\$</td><td>1112.8
109.00
94.6
125.33
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
90.9
90.9
108.2
107.3
101.9
108.2
107.3
108.4
94.2
94.7
94.6
94.7
94.6
94.7
94.6
94.7
94.6
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7</td><td>1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 139.7 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 136.6 1 136.6 1 136.6 1 136.6 1 136.6 1 137.2 1 136.8 1 137.2 1 137.2 1 137.2 1 137.5 1 137.3 1 138.1 1 137.3 1 138.1 1 138.1 1 137.5 1 139.3</td><td>34.2 35.5 35.7 36.2 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 35.4 35.5 35.6 35.6 35.6 35.6 35.6 35.6 35.6</td><td>2.1
2.1
2.1
2.1
2.1
2.1
2.1
2.1</td><td>$\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 36.9 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 38.1 \\ 1 \ 37.4 \\ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4$</td><td>$\begin{array}{r} 344,7\\ 34,3\\ 34,3\\ 34,3\\ 34,3\\ 35,6\\ 34,3\\ 35,6\\ 36,3\\ 35,6\\ 33,4,9\\ 33,4\\ 35,4\\ 35,4\\ 35,5\\ 35,4\\ 35,5\\ 35,6\\ 35,3\\ 35,5\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35$</td></li<> | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 22.6\\ 66.0\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 24.4\\ 26.1\\ 34.2\\ 26.8\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 20.1\\ 1.3\\ 20.1\\ $ |
1112.8
109.00
94.6
125.33
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
90.9
90.9
108.2
107.3
101.9
108.2
107.3
108.4
94.2
94.7
94.6
94.7
94.6
94.7
94.6
94.7
94.6
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 139.7 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 136.6 1 136.6 1 136.6 1 136.6 1 136.6 1 137.2 1 136.8 1 137.2 1 137.2 1 137.2 1 137.5 1 137.3 1 138.1 1 137.3 1 138.1 1 138.1 1 137.5 1 139.3
 | 34.2 35.5 35.7 36.2 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 35.4 35.5 35.6 35.6 35.6 35.6 35.6 35.6 35.6 | 2.1
2.1
2.1
2.1
2.1
2.1
2.1
2.1 | $\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 36.9 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 38.1 \\ 1 \ 37.4 \\ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4 \\ 1 \ 37.4$
 | $\begin{array}{r} 344,7\\ 34,3\\ 34,3\\ 34,3\\ 34,3\\ 35,6\\ 34,3\\ 35,6\\ 36,3\\ 35,6\\ 33,4,9\\ 33,4\\ 35,4\\ 35,4\\ 35,5\\ 35,4\\ 35,5\\ 35,6\\ 35,3\\ 35,5\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,3\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35,6\\ 35,5\\ 35$ |
| 46 [zu210111041
46 [zu2101110410,pn]
47 [zu2101122340,pn]
48 [zu2101130520,pn]
49 [zu2101130520,pn]
50 [zu2101130520,pn]
51 [zu2101130540,pn]
53 [zu2101130540,pn]
54 [zu2101130540,pn]
55 [zu2101140150,pn]
56 [zu2101140150,pn]
57 [zu2101140150,pn]
58 [zu2101140150,pn]
58 [zu2101140530,pn]
58 [zu2101140530,pn]
58 [zu2101140530,pn]
60 [zu2101142120,pn]
61 [zu2101150010,pn]
63 [zu2101142150,pn]
63 [zu210114250,pn]
63 [zu210114250,pn]
63 [zu210114250,pn]
63 [zu210114250,pn]
63 [zu2101150010,pn]
63 [zu2101150310,pn]
64 [zu210115030,pn]
65 [zu210115030,pn]
65 [zu210115030,pn]
71 [zu210115050,pn]
72 [zu210115050,pn]
73 [zu210115050,pn]
74 [zu210115050,pn]
75 [zu2101190430,pn]
77 [zu2101190430,pn]
77 [zu2101190430,pn]
74 [zu2101190430,pn]
75 [zu210119050,pn]
76 [zu210120550,pn]
76 [zu210120550,pn]
77 [zu2101210320,pn]
78 [zu2101210330,pn]
79 [zu2101210330,pn]
79 [zu2101210330,pn]
70 [zu2101210330,pn]
71 [zu2101210330,pn]
72 [zu2101210330,pn]
73 [zu2101210330,pn]
74 [zu2101210330,pn]
75 [zu2101210330,pn]
76 [zu2101210330,pn]
77 [zu2101210330,pn]
78 [zu2101210330,pn]
79 [zu2101210330,pn]
70 [zu2101210330,pn]
71 [zu2101210330,pn]
72 [zu2101210330,pn]
73 [zu2101210330,pn]
74 [zu2101210330,pn]
75 [zu2101210330,pn]
76 [zu2101210330,pn]
77 [zu2101210330,pn]
78 [zu2101210330,pn]
79 [zu2101210330,pn]
70 [zu2101210330,pn]
70 [zu2101210330,pn]
70 [zu2101210330,pn]
70 [zu2101210330,pn]
70 [zu2101210330,pn]
71 [zu2101210330,pn]
72 [zu2101210330,pn]
73 [zu2101210330,pn]
74 [zu2101210330,pn]
75 [zu

 | 20210111041003
20210112234725
20210113002537
20210113002537
20210113054631
20210113064618
20210113064618
20210114010855
20210114015326
20210114015326
20210114053611
2021011405361
2021011405361
20210114215406
20210114215406
20210115001123
20210115001123
20210115001123
20210115001123
202101150014325
202101150014325
20210115031431
20210115031431
2021011502031
2021011502031
2021011502031
2021011502031
2021011502031
20210115031431
20210115031431
2021011502053
20210115031431
2021011502053
20210119045351
20210119045551
2021011905551
20210120105050
202101205108

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 002536\\ 20210113 05479\\ 20210113 05479\\ 20210113 05479\\ 20210114 01567\\ 20210114 01536\\ 20210114 01536\\ 20210114 015360\\ 20210114 055360\\ 20210114 055360\\ 20210114 055360\\ 20210114 22136\\ 20210114 25360\\ 20210114 25360\\ 20210114 25360\\ 20210114 25360\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 002050\\ 20210115 041323\\ 20210115 044754\\ 20210119 043631\\ 20210119 044631\\ 20210119 044631\\ 20210119 05126\\ 20210119 05126\\ 20210119 05126\\ 20210119 05126\\ 20210121 005202\\ 20210121 032809\\ 20210121021005$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.20\\ 1.35\\ 0.27\\ 0.21\\ 0.27\\ 0.21\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.66\\ 0.33\\ 0.64\\ 0.58\\ 0.58\\ 0.60\\ 0.33\\ 0.64\\ 0.58\\ 0.60\\ 0.33\\ 0.64\\ 0.53\\ 0.60\\ 0.28\\ 0.60\\ 0.28\\ 0.44\\ 0.14\\ 0.28\\ 0.42\\ 0.44\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.60\\ 0.53\\ 0.71\\ 0.28\\ 0.60\\ 0.53\\ 0.71\\ 0.28\\ 0.60\\ 0.53\\ 0.71\\ 0.53\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+16\\ 4.6E+16\\ 2.9E+16\\ 4.6E+16\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.7E+16\\ 3.3E+16\\ 1.7E+16\\ 3.3E+16\\ 1.2E+16\\ 2.9E+16\\ 1.2E+16\\ 2.9E+16\\ 1.2E+16\\ 1.2E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 3.4E+16\\ 1.2E+16\\ 3.4E+16\\ 1.2E+16\\ 3.4E+16\\ 1.2E+16\\ 3.4E+16\\ 1.2E+16\\ 3.4E+16\\ 1.2E+16\\ 1.2E+12\\ 1.2E+$ | SPO SPO SPO SPO | $\begin{array}{c} \bullet & & & & & \\ & & -1.25 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.03 $
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 65.2\\ 22.6\\ 66.8\\ 59.6\\
59.6\\ 59.6\\$ | 1112.8
109.00
94.6
92.5
387.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
100.2
107.3
100.2
107.3
100.2
94.2
90.5
94.7
94.7
94.7
94.7
94.7
94.7
94.7
94.7 | 1 137.4 1 137.1 1 136.3 1 36.6 1 137.0 1 136.6 1 137.0 1 37.1 1 36.6 1 137.0 1 37.1 1 36.6 140.0 136.5 140.0 136.5 136.6 140.0 137.3 136.6 136.5 137.1 136.6 137.3 137.3 137.3 137.4 136.8 137.5 137.5 138.8 137.5 138.9 137.5 138.0 137.3 137.5 139.1 137.5 139.1 138.0 137.3 137.5 139.1 138.0 138.0 137.3 138.0 138.1 138.3 139.3 138.3
 | $\begin{array}{c} 34.2\\ 34.2\\ 35.5\\ 34.5\\ 35.5\\ 35.5\\ 35.5\\ 35.5\\ 35.5\\ 35.5\\ 35.5\\ 35.5\\ 35.7\\ 35.5\\$ | 1,1
5,6
9,4,11
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,1
8,0,2
8,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2
9,0,2 |
137.1
137.6
137.3
136.9
136.3
135.8
135.8
137.2
139.6
136.9
136.9
136.9
136.9
136.9
136.9
136.9
136.0
139.8
139.8
139.8
139.6
140.0
138.7
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.2
137.3
137.3
137.3
139.1
138.8
137.3
139.1
138.8
137.3
139.1
138.8
137.3
139.1
138.8
139.2
137.3
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
138.8
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
139.1
1 | 347, 3447 , 3447 , 3447 , 3447 , 3447 , 3447 , 3447 , 3457 , 3457 , 3457 , 3456 , 3466 , 3469 , 3469 , 3469 , 3469 , 3469 , 3469 , 3479 |
| 46 [zu210111040
46 [zu2101110410,pnn
47 [zu2101122340,pnn
48 [zu2101130520,pnn
49 [zu2101130520,pnn
50 [zu2101130520,pnn
51 [zu2101130520,pnn
53 [zu2101130540,pnn
54 [zu2101130540,pnn
55 [zu2101130540,pnn
56 [zu2101140150,pnn
56 [zu2101140150,pnn
57 [zu2101140550,pnn
58 [zu2101140550,pnn
59 [zu2101142150,pnn
59 [zu2101142150,pnn
59 [zu2101142150,pnn
50 [zu2101142150,pnn
50 [zu2101142150,pnn
50 [zu2101142150,pnn
50 [zu2101142150,pnn
50 [zu2101150310,pnn
61 [zu2101150310,pnn
62 [zu2101150310,pnn
63 [zu210115030,pnn
64 [zu210115030,pnn
65 [zu210115030,pnn
65 [zu210115030,pnn
66 [zu2101150,pnn
66 [zu2101150,pnn
67 [zu2101190430,pnn
70 [zu2101190430,pnn
71 [zu2101190430,pnn
72 [zu210119050,pnn
73 [zu210119050,pnn
74 [zu210119050,pnn
75 [zu2101200510,pnn
76 [zu2101200510,pnn
77 [zu2101200510,pnn
76 [zu210120050,pnn
77 [zu210120050,pnn
77 [zu210120050,pnn
77 [zu210120050,pnn
77 [zu210120050,pnn
77 [zu210120050,pnn
77 [zu21012030,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
79 [zu2101210330,pnn
70 [

 | $\begin{array}{c} 20210111041003\\ 20210112234725\\ 20210113002537\\ 20210113052752\\ 20210113052752\\ 20210113054631\\ 20210113054631\\ 20210113054631\\ 2021011401655\\ 20210114015326\\ 20210114015326\\ 20210114055351\\ 20210114055351\\ 20210114055351\\ 2021011405351\\ 2021011405351\\ 2021011405351\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 2021011405353\\ 202101140533\\ 202101140533\\ 2021011600133\\ 2021011600133\\ 20210116001343\\ 202101150333\\ 20210115033431\\ 2021011503333\\ 2021011503333\\ 2021011503333\\ 2021011503333\\ 20210116033431\\ 2021011503333\\ 2021011503333\\ 2021011503333\\ 20210119034331\\ 2021011905913\\ 2021011905913\\ 2021011905913\\ 2021011905913\\ 2021011905913\\ 2021011905913\\ 2021011905913\\ 2021012005008\\ 2021012005008\\ 20210121032810\\ 20210121032810\\ 20210121032814\\ 20210121032810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 20210121033810\\ 202101210338$

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 052749\\ 20210113 054629\\ 20210113 054629\\ 20210113 025749\\ 20210113 026616\\ 20210113 026616\\ 20210114 015036\\ 20210114 015036\\ 20210114 015324\\ 20210114 015326\\ 20210114 015326\\ 20210114 025350\\ 20210114 02536\\ 20210114 02536\\ 20210114 02536\\ 20210114 02536\\ 20210114 02536\\ 20210114 02536\\ 20210114 02536\\ 20210116 02536\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210116 0256\\ 20210119 04563\\ 20210119 04563\\ 20210119 04563\\ 20210119 05912\\ 20210119 055351\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210119 02563\\ 20210121 03247\\ 20210121 03247\\ 202010121 033422\\ 20210121 0344234\\ 202010121 0344234\\ 20210121 0344234\\ 20210121 0344234\\ 20210121 025434\\ 20210$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.40\\ 1.35\\ 1.84\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.64\\ 0.28\\ 0.64\\ 0.28\\ 0.64\\ 0.28\\ 0.64\\ 0.28\\ 0.44\\ 0.28\\ 0.64\\ 0.28\\ 0.64\\ 0.28\\ 0.64\\ 0.58\\ 0.56\\ 0.58\\ 0.54\\ 0.56\\ 0.55\\ 0.55\\ 0.54\\ 0.56\\ 0.55\\ 0.55\\ 0.56\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 2.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 4.1E+15\\ 2.9E+16\\ 4.1E+15\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 4.3E+16\\ 2.8E+17\\ 1.2E+16\\ 2.8E+17\\ 1.2E+16\\ 2.8E+16\\ 2.0E+15\\ 2.3E+16\\ 1.7E+16\\ 5.4E+16\\ 2.3E+16\\ 1.7E+16\\ 5.4E+16\\ 1.9E+16\\ 1.9E+$ | Spo Spo Spo | $\begin{array}{c c} & & & & & & \\ & & -1.25 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & & 0.02 \\ & & & & 0.02 \\ & & & & 0.33 \\ & & & 0.33 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.23 \\ & & & 0.38 \\ & & & -1.33 \\ & & & 0.03 \\ & & & -0.33 \\ & & & -0.33 \\ & & & -0.33 \\ & & & -0.33 \\ & & & -0.33 \\ & & & -1.33 \\ & & & -0.33 \\ & & & -0.33 \\ & & & -1.33 \\ & & & -0.36 \\ & & & -1.33 \\ & & & -0.36 \\ & & & & -1.33 \\ & & & -0.36 \\ & & & & -1.22 \\ & & & & -0.33 \\ & & & & -0.33 \\ & & & & -1.33 \\ & & & & -0.36 \\ & & & & -1.23 \\ & & & & -0.36 \\ & & & & & -1.23 \\ & & & & & -0.36 \\ & & & & & -1.33 \\ & & & & & -0.36 \\ & & & & & -1.33 \\ & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & -0.33 \\ & & & & & & & -0.33 \\ & & & & & & & -0.33 \\ & & & & & & & -0.33 \\ & & & & & & & & -0.33 \\ & & & & & & & & & -0.33 \\ & & & & & & & & & -0.33 \\ & & & & & & & & & & & & & & & & & &$
 | $\begin{array}{c} 72.3\\47.6\\37.8\\60.9\\17.0\\24.1\\26.5\\66.8\\67.6\\37.9\\41.0\\37.9\\41.0\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1$
 | 1112.8
109.00
94.6
125.33
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
88.9
90.8
8
100.8
90.0
8
8
100.8
102.2
107.3
101.9
108.4
94.2
106.4
112.5
94.7
102.5
94.7
102.5
94.7
102.5
94.7
102.5
94.7
102.5
94.7
102.5
94.7
102.5
94.7
102.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
105.5
100 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 140.0 1 136.6 1 136.6 1 136.6 1 36.8 1 36.8 1 37.5 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.6 1 37.5 1 37.5 1 37.5 1 39.3 <td>34.2 35.5 35.4 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.4 36.2 36.3 36.4 36.3 35.4</td> <td>2.1
2.1
2.1
2.1
2.2
2.2
2.2
2.2</td> <td>$\begin{array}{c} 1.37.4 \\ 1.37.6 \\ 1.37.6 \\ 1.37.8 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.4 \\ 1.39.8 \\ 1.36.4 \\ 1.36.4 \\ 1.36.7 \\ 1.36.$</td> <td>$\begin{array}{c} 3 3 4, 7 \\ 3 4, 7 \\ 3 4, 3 \\ 3 4, 3 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 3 \\ 3 5, 4 \\ 3 5, 3 \\ 3 5, 7 \\ 3 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5
5, 5 \\ 5 5, 5 \\ 5 \\$</td> | 34.2 35.5 35.4 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.4 36.2 36.3 36.4 36.3 35.4 | 2.1
2.1
2.1
2.1
2.2
2.2
2.2
2.2 | $\begin{array}{c} 1.37.4 \\ 1.37.6 \\ 1.37.6 \\ 1.37.8 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.9 \\ 1.36.4 \\ 1.39.8 \\ 1.36.4 \\ 1.36.4 \\ 1.36.7 \\
1.36.7 \\ 1.36.$ | $\begin{array}{c} 3 3 4, 7 \\ 3 4, 7 \\ 3 4, 3 \\ 3 4, 3 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 6 \\ 3 6, 2 \\ 3 5, 3 \\ 3 5, 4 \\ 3 5, 3 \\ 3 5, 7 \\ 3 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 5, 5 \\ 5 \\$ |
| 46 Izu210111041 46 Izu210111041 47 Izu2101122340.pm 48 Izu2101130520.pm 49 Izu2101130520.pm 50 Izu2101130540.pm 51 Izu2101130540.pm 52 Izu2101130540.pm 53 Izu2101140150.pm 54 Izu2101140150.pm 55 Izu2101140550.pm 56 Izu2101140550.pm 57 Izu210114050.pm 58 Izu2101142150.pm 58 Izu2101142210.pm 60 Izu2101150010.pm 61 Izu2101150010.pm 62 Izu2101150010.pm 63 Izu2101150010.pm 64 Izu210115000.pm 65 Izu210115000.pm 66 Izu210119050.pm 67 Izu210119050.pm 70 Izu210119050.pm 71 Izu210119050.pm 72 Izu210119050.pm 73 Izu210119050.pm 74 Izu210119050.pm <

 | 20210111041003
20210112234725
2021013002537
20210130052537
20210113054631
20210113054631
20210113064618
20210114019855
20210114019855
20210114015326
2021011405361
2021011405361
2021011405361
2021011405361
20210114215406
20210115001123
2021011500123
2021011500123
2021011500123
2021011500143
20210115031431
20210115031431
20210115031431
20210115183506
20210115225332
20210116175733
2021011901536
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011905013
2021011905013
2021011905013
2021011905013
2021011905013
2021012005103
2021012005103
2021012005103
2021012103247
20210121032414
20210121032414
20210121032414
20210121032414

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 05236\\ 20210113 05462\\ 20210113 05462\\ 20210113 05462\\ 20210113 02056\\ 20210114 01536\\ 20210114 01536\\ 20210114 015360\\ 20210114 055360\\ 20210114 055360\\ 20210114 213404\\ 20210114 221366\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 0435361\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 043531\\ 20210115 043531\\ 20210115 043531\\ 20210115 043531\\ 20210115 043531\\ 20210115 043323\\ 20210115 043323\\ 20210115 043342\\ 20210119 044754\\ 20210119 045351\\ 20210121 032427\\ 20210121 033422\\ 20210121 033422\\ 20210121 033422\\ 20210121 034422\\ 20210121 04414\\ 202101210210442\\ 2021012102$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.35\\ 1.20\\ 0.71\\ 0.27\\ 0.27\\ 0.27\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.56\\ 0.32\\ 0.58\\ 0.58\\ 0.58\\ 0.60\\ 0.33\\ 0.64\\ 0.71\\ 1.94\\ 0.38\\ 0.60\\ 0.53\\ 0.60\\ 0.28\\ 0.60\\ 0.44\\ 0.53\\ 0.28\\ 0.60\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.54\\ 0.53\\ 0.55\\ 0.53\\ 0.55\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 2.2E+16\\ 2.4E+16\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.7E+16\\ 3.3E+16\\ 2.3E+16\\ 2.0E+16\\ 2.0E+16\\ 2.3E+16\\ 1.7E+16\\ 1.7E+16\\ 5.2E+16\\ 1.9E+16\\ 1.9E+$ | Spo Spo Spo Spo | $\begin{array}{c} \bullet & & & & & \\ & -1.25\\ & & & \\ & -1.25\\ & & & & \\ & & & \\ & & &$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 37.9\\ 41.0\\ 37.9\\ 41.0\\ 37.9\\ 41.0\\ 37.9\\ 41.0\\ 37.9\\ 41.0\\ 37.9\\ 37.9\\ 41.0\\ 37.9\\
37.9\\ 37.9\\$ | 1112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
995.9
996.6
998.6
88.9
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
990.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
900.8
90 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.8 1 136.8 1 136.8 1 137.5 1 137.6 1 137.8 1 137.8 1 137.8 1 137.5 1 138.0 1 137.5 1 139.1 1 139.3 1 138.9 1 138.9 1 139.3 1 138.9 1 138.9 1 138.9 1
 | 34.2 34.2 35.5 34.4 35.7 34.8 36.2 36.1 34.3 36.1 34.4 35.7 34.8 36.1 37.1 38.1 37.1 38.1 35.4 35.5 35.6 | i.i. i.g. 94.1 80.1 69.0 76.1 75.0 86.3 96.3 79.5 79.5 79.5 79.5 79.5 88.6 88.0 90.1 92.1 83.6 92.1 98.7 91.7 76.4 89.0 78.4 94.6 94.7 98.7 78.4 94.6 94.7 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.6 94.7 94.6 | $\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.8 \\ 1 \ 36.9 \\ 1 \ 37.9 \\ 1 \ 36.9 \\ 1 \ 37.9 \\
1 \ 37.9 \\ 1 \ $ | 3477
3437
3433
3663
3663
3663
3663
3663 |
| 46 Izu210111041 46 Izu2101112340.pmJ 47 Izu210112340.pmJ 48 Izu2101130520.pmJ 49 Izu2101130540.pmJ 50 Izu2101130540.pmJ 51 Izu2101130540.pmJ 52 Izu2101130540.pmJ 53 Izu2101140150.pmJ 54 Izu2101140150.pmJ 55 Izu2101140550.pmJ 56 Izu2101140550.pmJ 57 Izu210114050.pmJ 58 Izu210114050.pmJ 59 Izu210114050.pmJ 60 Izu2101150010.pmJ 61 Izu210114050.pmJ 62 Izu2101150010.pmJ 63 Izu2101150030.pmJ 64 Izu2101150300.pmJ 65 Izu210115020.pmJ 66 Izu2101152250.pmJ 67 Izu2101190440.pmJ 72 Izu2101190540.pmJ 73 Izu2101190540.pmJ 74 Izu2101190540.pmJ 75 Izu2101190540.pmJ 76 Izu2101190540.pm

 | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113054631
2021011322255
20210114015326
20210114015326
20210114015326
20210114053611
20210114053611
2021011405361
2021011405361
20210114221326
20210114221326
20210115001231
2021011500123
20210115012326
20210115012326
2021011502132
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
2021011905306
20210119051242
20210119051242
20210119051242
20210119051031
202101203103424
20210121032414
2021012103424

 | $\begin{array}{c} 20210111 \\ 20210112 \\ 234722 \\ 20210113 \\ 002536 \\ 20210113 \\ 005749 \\ 20210113 \\ 005749 \\ 20210113 \\ 005616 \\ 20210113 \\ 00566 \\ 20210113 \\ 00566 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210114 \\ 015324 \\ 20210115 \\ 00532 \\ 20210115 \\ 01122 \\ 20210115 \\ 01122 \\ 20210115 \\ 01502 \\ 20210115 \\ 01503 \\ 01503 \\ 01503 \\ 01503 \\ 01503 \\ 01500 \\ 015$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 1.35\\ 1.84\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.32\\ 0.66\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.33\\ 0.64\\ 0.56\\ 0.32\\ 0.42\\ 0.44\\ 0.28\\ 0.60\\ 0.44\\ 0.56\\ 0.58\\ 0.60\\ 0.71\\ 0.28\\ 0.42\\ 0.42\\ 0.42\\ 0.56\\ 0.56\\ 0.71\\ 0.76\\ 0.71\\ 0.76\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 2.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 1.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+17\\ 3.3E+16\\ 2.3E+17\\ 3.4E+15\\ 1.2E+16\\ 2.0E+15\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.1E+16\\ 5.2E+16\\ 1.0E+17\\ 4.1E+17\\ 7.3E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+$ | Spo Spo Spo Spo | $\begin{array}{c c} & & & & & & \\ & & -1.25 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.02 \\ & & & 0.03 \\ & & & 0.33 \\ & & & 0.33 \\ & & & -1.23 \\ & & & -1.38 \\ & & & -1.23 \\ & & & 0.33 \\ & & &
0.33 \\ & & & 0.33 \\ & & & 0.33 \\ & & & 0.33 \\ & & & $ | $\begin{array}{c} 72.3\\47.6\\37.8\\60.9\\17.0\\24.1\\26.5\\66.8\\67.6\\37.9\\41.0\\37.9\\41.0\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1\\37.1$
 | 112.8
109.00
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
100.8
90.3
100.2
108.2
107.3
101.9
108.2
107.3
108.4
112.2
94.7
94.7
94.7
108.4
94.7
94.7
105.0
108.5
92.5
105.0
108.5
92.5
105.0
108.5
92.7
113.3
108.4
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
109.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
10 | 137.4 137.1 137.1 136.6 137.3 136.6 137.1 137.1 137.1 137.1 137.1 136.6 137.1 136.6 137.1 136.5 140.0 138.8 136.6 138.8 136.6 137.1 136.6 137.1 136.6 137.1 136.6 137.3 137.4 137.5 137.6 137.8 137.5 138.0 137.5 138.0 137.5 138.0 137.5 138.0 137.5 138.0 137.5 138.0 137.5 138.0 137.3 137.5 138.1 </td <td>$\begin{array}{c} 34.2\\ 34.2\\ 35.5\\ 34.4\\ 35.9\\ 35.7\\ 34.8\\ 36.2\\$</td> <td>211
211
211
211
211
211
211
211</td> <td>1 37.1
1 37.3
1 36.9
1 36.9
1 35.8
1 35.8
1 37.2
1 39.6
1 39.6
1 39.6
1 39.8
1 36.9
1 36.7
1 37.2
1 37.4
1 37.5
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.2
1 37.5
1 38.2
1 37.5
1 38.2
1 39.1
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.1
1 39.1
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.2
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 36.5
1 37.5
1 36.5
1 37.5
1 36.5
1 37.5
1 37.5</td> <td>$\begin{array}{r} 334,7\\ 34,3\\ 34,3\\ 34,3\\ 35,4\\ 35,5\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,2\\ 37,3\\ 33,4\\ 35,4\\ 35,4\\ 35,5\\ 36,6\\ 35,7\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\
35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 34,2\\ 34,2\\ 35,5\\ 34,2\\ 34,2\\ 35,5\\ 35,5\\ 34,2\\ 34,2\\ 34,2\\ 35,5$</td> | $\begin{array}{c} 34.2\\ 34.2\\ 35.5\\ 34.4\\ 35.9\\ 35.7\\ 34.8\\ 36.2\\$ | 211
211
211
211
211
211
211
211 | 1 37.1
1 37.3
1 36.9
1 36.9
1 35.8
1 35.8
1 37.2
1 39.6
1 39.6
1 39.6
1 39.8
1 36.9
1 36.7
1 37.2
1 37.4
1 37.5
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.2
1 37.5
1 38.2
1 37.5
1 38.2
1 39.1
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.1
1 39.1
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 37.5
1 38.2
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 36.4
1 37.5
1 38.6
1 37.5
1 38.2
1 36.5
1 37.5
1 36.5
1 37.5
1 36.5
1 37.5
1 37.5 | $\begin{array}{r} 334,7\\ 34,3\\ 34,3\\ 34,3\\ 35,4\\ 35,5\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,3\\ 36,2\\ 37,3\\ 33,4\\ 35,4\\ 35,4\\ 35,5\\ 36,6\\ 35,7\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 35,5\\ 36,6\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 33,7\\ 34,2\\ 34,2\\ 35,5\\ 34,2\\ 34,2\\ 35,5\\ 34,2\\ 34,2\\ 35,5\\ 35,5\\ 34,2\\ 34,2\\ 34,2\\ 35,5\\
35,5\\ 35,5$ |
| 45 [zu210111041
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130520,pnn]
49 [zu2101130520,pnn]
50 [zu2101130520,pnn]
51 [zu2101130540,pnn]
52 [zu2101130540,pnn]
53 [zu2101140150,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140550,pnn]
57 [zu2101140550,pnn]
58 [zu2101142150,pnn]
58 [zu2101142150,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
63 [zu2101150010,pnn]
63 [zu2101150010,pnn]
64 [zu2101150010,pnn]
65 [zu2101150010,pnn]
65 [zu2101150010,pnn]
67 [zu2101150010,pnn]
67 [zu2101150010,pnn]
67 [zu2101150010,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
76 [zu210120050,pnn]
77 [zu210120050,pnn]
76 [zu210120050,pnn]
77 [zu210120050,pnn]
77 [zu210120050,pnn]
76 [zu210121030,pnn]
77 [zu210120030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
79 [zu210121030,pnn]
71 [zu210121030,pnn]
73 [zu210121030,pnn]
74 [zu210121030,pnn]
75 [zu210121030,pnn]
76 [zu210121030,pnn]
77 [zu210121030,pnn]
78 [zu210121030,pnn]
79 [zu210121030,pnn]
70 [zu210121030,pnn]
71 [zu210121030,pnn]
72 [zu210121030,pnn]
73 [zu210121030,pnn]
74 [zu210121030,pnn]
75 [zu210121030,pnn]
76 [zu210121030,pnn]
77 [zu210121030,pnn]
78 [zu210121030,pnn]
79 [zu210121030,pnn]
70 [zu210121030,pnn]
71 [zu210121030,pnn]
72 [zu210121030,pnn]
73 [zu210121030,pnn]
74 [zu210121030,pnn]
75 [zu210121030,pnn]
76 [zu210121030,pnn]
77 [zu210121030,pnn]
78 [zu210121030,pnn]
79 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70 [zu210121030,pnn]
70

 | 20210111041003
20210112234725
20210113052537
20210113052537
20210113054631
20210113066618
20210113066618
20210114019855
20210114015359
20210114015361
2021011405361
2021011405361
2021011405361
20210114215406
20210115001123
2021011500123
2021011500123
2021011500123
202101150013
2021011500203
2021011500203
202101150031431
202101150031431
2021011502031
2021011502031
20210115225332
20210119015306
20210119015306
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
2021011901532
20210119050913
2021011905012
2021011905012
2021012005108
2021012005108
2021012005108
2021012005108
202101200503

 | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 052749\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 024619\\ 20210113 024619\\ 20210114 05536\\ 20210114 015324\\ 20210114 055360\\ 20210114 055360\\ 20210114 213404\\ 20210114 213404\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 041323\\ 20210115 225329\\ 20210115 225329\\ 20210115 041323\\ 20210115 225329\\ 20210115 0433503\\ 20210115 225329\\ 20210119 043631\\ 20210119 044754\\ 20210119 0551240\\ 20210119 0551240\\ 20210119 105202\\ 20210121 03247\\ 20210121 033422\\ 20210121 034229\\ 20210121 034289\\ 20210121 044144\\ 20210121 044534\\ 20210121 044534\\ 20210121 034229\\ 20210121 034229\\ 20210121 033422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 034422\\ 20210121 044144\\ 20210121 042535\\ 20210121 0445033\\ 20210121 044504\\ 20210121 042535\\ 20210121 044414\\ 20210121 042535\\ 202102121 042535\\ 20210121 042535\\ 20210121 042535\\$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.135\\ 1.35\\ 0.27\\ 0.11\\ 1.35\\ 0.27\\ 0.27\\ 0.11\\ 1.135\\ 0.27\\ 0.27\\ 0.27\\ 0.27\\ 0.28\\ 0.60\\ 0.33\\ 0.60\\ 0.58\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.058\\ 0.53\\ 0.54\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.25$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 0.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+16\\ 3.4E+16\\ 3.4E+16\\ 3.4E+16\\ 3.4E+16\\ 4.3E+16\\ 1.7E+16\\ 6.8E+15\\ 1.2E+16\\ 2.0E+15\\ 2.3E+16\\ 2.0E+15\\ 2.3E+16\\ 2.0E+15\\ 1.2E+16\\ 5.2E+16\\ 5.4E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 2.1E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 1.8E+16\\ 1.8E+$ | Spo Spo Spo Spo | $\begin{array}{c c} & & & & & & \\ & & -1.25\\ & & & & \\ & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & 0.03\\ & & & & & & 0.33\\ & & & & & & & 0.33\\ & & & & & & & 0.33\\ & & & & & & & 0.33\\ & & & & & & & & 0.33\\ & & & & & & & & 0.33\\ & & & & & & & & & 0.33\\ & & & & & & & & & & & 0.33\\ & & & & & & & & & & & & & & & & & & $
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.0\\ 37.1\\ 34.0\\ 37.3\\ 49.0\\ 37.1\\ 34.0\\ 37.3\\ 49.0\\ 37.1\\ 34.1\\ 34.1\\ 34.1\\ 34.2\\ 22.6\\ 65.6\\ 55.6\\ 65.6\\ 55.6\\ 65.6\\ 55.6\\ 65.6\\ 55.6\\ 66.7\\ 44.5\\ 17.5\\ 59.6\\
59.6\\ 59.6\\$ | 112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
99.5
98.6
88.9
90.9
90.9
90.9
90.9
90.9
90.9
90.9 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.5 1 140.0 1 139.1 1 136.9 1 136.9 1 137.6 1 137.8 1 137.8 1 137.8 1 137.8 1 137.3 1 137.3 1 137.3 1 138.1 1 138.1 1 138.1 1 138.1 1 138.1 1 138.9 1
 | 34.2 34.2 35.5 34.4 35.9 36.1 36.2 36.1 36.1 36.2 36.1 36.2 36.1 36.1 36.2 36.3 36.4 36.2 36.3 36.4 35.5 35.6 | 1.1 6 97.9 94.1 80.1 69.0 76.1 75.0 86.3 101.5 96.3 73.0 79.4 88.4 88.2 88.4 88.2 90.1 92.1 92.1 91.7 91.7 91.7 96.3 78.4 94.6 98.3 98.3 98.3 98.3 98.3 98.3 98.3 94.3 | $\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 9 \\ 1 \ 37.8 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 37.9 \\ 1 \ 36.7 \\ 1 \ 37.6 \\ 1 \
37.6 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \ 37.6 \ 37.6 \ 37.6 $ | $\begin{array}{r} 3 3 4, 7 \\ 3 4, 7 \\ 3 4, 3 \\ 3 5, 4 \\ 3 5, 6 \\ 3 4, 5 \\ 3 6, 3 \\ 3 5, 6 \\ 3 4, 5 \\ 3 6, 6 \\ 3 4, 9 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 4 \\ 3 5, 6 \\ 3 5, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 4 \\ 1 \\ 2 \\ 2 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 5 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 6 \\ 3 6, 3 \\ 3 6, 4 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 4 \\ 1 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$ |
| 45 Izu210111041 46 Izu2101112340.pmj 47 Izu2101123340.pmj 48 Izu2101130520.pmj 50 Izu2101130520.pmj 50 Izu2101130540.pmj 51 Izu2101130540.pmj 52 Izu2101130540.pmj 53 Izu2101130540.pmj 54 Izu2101140150.pmj 55 Izu2101140150.pmj 56 Izu2101140550.pmj 57 Izu2101140550.pmj 58 Izu2101142150.pmj 59 Izu2101150010.pmj 60 Izu2101150010.pmj 61 Izu2101150010.pmj 62 Izu2101150010.pmj 63 Izu210115030.pmj 64 Izu210115030.pmj 65 Izu210115050.pmj 66 Izu2101190500.pmj 67 Izu2101190500.pmj 70 Izu2101190500.pmj 71 Izu2101120050.pmj 73 Izu210120050.pmj 74 Izu210120050.pmj 75 Izu210120050.pm

 | 20210111041003
20210112234725
20210113002537
20210113052752
20210113054631
20210113054631
2021011322255
2021011401535
2021011401535
20210114015361
20210114053611
2021011405361
2021011405361
20210114221326
20210114221326
20210115001123
2021011500123
2021011500123
2021011500123
2021011500133
2021011500143
2021011500143
2021011500143
20210115031431
2021011500263
20210115041325
20210115041325
20210115031431
20210115041325
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
20210115031431
2021011502018
2021011905031
2021011905031
20210119050213
20210119050213
20210119050213
2021012005005
2021012001005005
20210121033424
2021012103424
20210121042534

 | $\begin{array}{c} 20210111 \ 041003\\ 20210112 \ 234722\\ 20210113 \ 002536\\ 20210113 \ 002536\\ 20210113 \ 002536\\ 20210113 \ 00254629\\ 202210113 \ 0054629\\ 20210113 \ 025254\\ 20210114 \ 015036\\ 20210114 \ 015036\\ 20210114 \ 015350\\ 20210114 \ 015350\\ 20210114 \ 025350\\ 20210114 \ 025350\\ 20210114 \ 025350\\ 20210114 \ 025350\\ 20210115 \ 001122\\ 20210115 \ 001122\\ 20210115 \ 001122\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210115 \ 001221\\ 20210110 \ 0132351\\ 20210119 \ 043631\\ 20210119 \ 0350912\\ 20210119 \ 035051\\ 20210121 \ 003247\\ 20210121 \ 003247\\ 20210121 \ 003422\\ 20210121 \ 003422\\ 20210121 \ 004414\\ 20210121 \ 004342\\ 20210121 \ 00442535\\ 20210121 \ 004414\\ 20210121 \ 0044253\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004442\\ 20210121 \ 004444\\ 20210121 \ 004444\\ 20210121 \ 0043860\\ 20210121 \ 0043860\\ 20210121 \ 0043422\\ 20210121 \ 004444\\ 20210121 \ 004342\\ 20210121 \ 004444\\ 20210121 \ 004444\\ 20210121 \ 004386\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121 \ 00444\\ 20210121$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.30\\ 0.40\\ 1.65\\ 1.30\\ 0.40\\ 1.10\\ 0.27\\ 0.21\\ 0.27\\ 0.28\\ 0.66\\ 0.32\\ 0.58\\ 0.66\\ 0.32\\ 0.58\\ 0.66\\ 0.33\\ 0.64\\ 0.61\\ 0.38\\ 0.64\\ 0.38\\ 0.64\\ 0.28\\ 0.42\\ 0.48\\ 0.28\\ 0.42\\ 0.45\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.58\\ 0.71\\ 0.71\\ 0.55\\ 0.76\\ 0.55\\ 0.25\\$ | $\begin{array}{r} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 2.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 6.7E+16\\ 2.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.5E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+17\\ 3.3E+16\\ 2.3E+17\\ 3.3E+16\\ 2.3E+16\\ 1.7E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 1.2E+16\\ 2.3E+16\\ 3.3E+16\\ 2.3E+16\\ 3.3E+16\\ 3.3E+$ | Spo Spo Spo Spo | $\begin{array}{c c} & & & & & & & \\ \hline & & & & & \\ \hline & & & &$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 24.1\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 56.0\\ 26.1\\ 34.1\\ 34.6\\ 59.6\\ 56.7\\ 59.6\\ 50.7\\ 59.6\\ 50.7\\ 59.0\\ 56.7\\ 50.7\\
50.7\\ 50.7\\$ | 1112.8
109.00
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.8
90.8
90.8
90.9
90.8
90.9
90.8
102.5
102.5
94.7
94.7
94.7
94.7
94.7
102.5
94.7
102.5
105.0
108.5
92.5
105.0
108.5
92.7
113.3
108.4
107.3
108.4
107.3
108.4
107.3
108.5
92.5
105.0
108.5
92.7
10.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
109.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
108.5
100 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 139.1 136.6 136.6 137.1 136.6 137.1 136.6 137.1 136.6 137.1 137.5 137.5 137.4 138.0 137.5 138.1 137.5 138.1 137.5 138.1 137.5 138.1 137.5 138.1 137.5 138.1 137.5 138.1 137.5 139.1 138.9 135.9 136.3 136.3 136.3 136.3 136.3 136.3
 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 35.9 36.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.6 34.9 36.3 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 | 1.1 8 9 9 9 1 80.1 69.0 76.1 75.0 96.3 96.3 97.9.5 96.3 73.0 79.5 79.4 88.4 88.4 88.2 88.0 101.5 83.6 92.6 92.6 92.7 92.6 92.7 92.6 92.7 91.7 76.4 89.0 101.2 91.7 76.4 96.8 97.8 98.4 98.4 98.4.3 94.3 94.3 94.3 94.0 | $\begin{array}{c} 1.37.1\\ 1.37.6\\ 1.37.6\\ 1.37.8\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.9\\ 1.36.7\\ 1.38.7\\ 1.36.7\\ 1.36.7\\ 1.37.2\\ 1.37.4\\ 1.37.2\\ 1.37.5\\ 1.35.1\\ 1.35.1\\ 1.35.1\\ 1.36.2\\ 1.39.6\\
1.39.6\\ 1.39.6\\$ | $\begin{array}{r} 334,7\\ 34,3\\ 34,3\\ 34,3\\ 35,4\\ 35,4\\ 35,4\\ 35,4\\ 35,5\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,2\\ 36,3\\ 36,4\\ 35,3\\ 36,4\\ 35,5\\ 36,4\\ 35,5\\ 36,6\\ 35,7\\ 36,6\\ 35,7\\ 36,6\\ 35,7\\ 36,6\\ 35,7\\ 36,6\\ 35,7\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,6\\ 36,3\\ 36,5\\ 5,5\\ 5,5\\ 5,5\\ 5,5\\ 5,5\\ 5,5\\ 5,5\\ $ |
| 45 [zu210111041
46 [zu2101110410,pnn]
47 [zu2101122340,pnn]
48 [zu2101130520,pnn]
49 [zu2101130520,pnn]
50 [zu2101130520,pnn]
51 [zu2101130540,pnn]
52 [zu2101130540,pnn]
53 [zu2101140150,pnn]
54 [zu2101140150,pnn]
55 [zu2101140150,pnn]
56 [zu2101140550,pnn]
57 [zu2101140550,pnn]
58 [zu2101142150,pnn]
58 [zu2101142150,pnn]
60 [zu2101150010,pnn]
61 [zu2101150010,pnn]
63 [zu2101150010,pnn]
64 [zu2101150310,pnn]
65 [zu2101150310,pnn]
63 [zu2101150310,pnn]
64 [zu210115030,pnn]
65 [zu210115030,pnn]
67 [zu210115050,pnn]
68 [zu210115050,pnn]
67 [zu210115050,pnn]
77 [zu2101190500,pnn]
77 [zu2101190500,pnn]
77 [zu2101190500,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
77 [zu210119050,pnn]
78 [zu210121030,pnn]
76 [zu210121030,pnn]
77 [zu210120050,pnn]
78 [zu210121030,pnn]
78 [zu210121030,pnn]
79 [zu210121030,pnn]
70 [zu21012030,pnn]
71 [zu21012030,pnn]
72 [zu21012030,pnn]
73 [zu21012030,pnn]
74 [zu21012030,pnn]
75 [zu21012030,pnn]
75 [zu210120030,pnn]
75 [zu2101

 | 20210111041003 20210112234725 20210112234725 2021013305257 202101305752 202101305752 2021013054631 2021013054631 20210113054631 2021011401585 20210114015361 2021011405361 2021011425361 20210114215406 2021011501123 20210115041325 20210115041325 20210115041325 20210115041325 20210115041325 20210115041325 20210115041325 20210115041325 20210115041325 20210115043331 20210115043332 20210115043332 20210115043332 20210119044758 20210119050513 2021012005108 2021012005108 2021012005108 2021012103247 2021012103247 20210121033424 20210121033424 20210121033424 20210121042534 20210121042534 <td< td=""><td>$\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 052749\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210114 01636\\ 20210114 01636\\ 20210114 016360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 041323\\ 20210115 20360\\ 20210115 20360\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 20360\\ 20210115 20360\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 0453503\\ 20210119 045351\\ 20210119 043754\\ 20210119 0532351\\ 20210121 03247\\ 20210121 033422\\ 20210121 033422\\ 20210121 042535\\ 20210121 0425386\\ 20210121 053806\\ 20210121 053806\\ 20210121 053806\\ 20210122 003326\\ \end{array}$</td><td>$\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.40\\ 1.35\\ 1.20\\ 0.12\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.21\\ 0.27\\ 0.21\\ 0.28\\ 0.26\\ 0.33\\ 0.38\\ 0.38\\ 0.60\\ 0.60\\ 0.60\\ 0.60\\ 0.60\\ 0.44\\ 0.38\\ 0.60\\ 0.60\\ 0.53\\ 0.28\\ 0.45\\ 1.28\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.25\\$</td><td>$\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+16\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 1.2E+16\\ 2.0E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.2E+16\\ 1.2E+16\\ 2.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 2.3E+16\\ 1.9E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 3.2E+16\\ 3.2E+12\\ 3.2E+16\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+$</td><td>Spo Spo Spo Spo Spo</td><td>$\begin{array}{c c} & & & & & & \\ & & -1.25\\ & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & & 0.02\\ & & & & & & & & & 0.02\\ & 0.02\\ & 0.0\\ & 0.0\\ & 0.0\\ & &$</td><td>$\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 56.6\\ 34.0\\ 37.9\\ 46.8\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 66.8\\ 59.6\\
59.6\\ 59.6\\$</td><td>112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
98.6
88.9
90.8
100.8
90.9
90.9
90.9
90.9
90.9
90.9
108.2
107.3
100.7
90.7
108.7
90.5
90.8
90.9
90.9
90.9
90.9
90.9
90.9
90.9</td><td>1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 139.1 1 136.6 1 139.1 1 136.6 1 139.1 1 136.6 1 136.1 1 136.2 1 136.3 1 137.5 1 137.5 1 137.5 1 138.1 1 139.3 1 137.5 1 138.1 1 138.1 1 138.1 1 138.3 1 138.3 1 138.1 1</td><td>34.2 35.5 34.4 35.7 34.8 36.2 36.1 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 36.4 35.3 36.3 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 36.3 36.3 36.4 35.4 35.4 35.4 35.4 35.4</td><td>1.1 6 97.9 94.1 80.1 69.0 76.1 75.0 86.3 101.5 96.3 79.4 88.4 88.4 88.4 88.4 88.2 88.4 92.1 92.1 92.1 92.1 92.1 98.7 98.7 91.7 98.7 98.7 98.8 98.8 98.8 98.3 97.8 98.3 90.0 100.1</td><td>$\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 9 \\ 1 \ 37.8 \\ 1 \ 37.8 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 38.1 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.5 \\ 1 \ 38.1 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37$</td><td>$\begin{array}{r} 3 3 4, 7\\ 3 4, 3\\ 3 4, 3\\ 3 4, 3\\ 3 5, 4\\ 3 5, 6\\ 3 4, 5\\ 3 5, 6\\ 3 5, 4\\ 3 5, 6\\ 3 5, 4\\ 3 5, 5\\ 3 5, 4\\ 3 5, 5\\ 3 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5,$</td></td<> | $\begin{array}{c} 20210111 041003\\ 20210112 234722\\ 20210113 002536\\ 20210113 052749\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210113 054629\\ 20210114 01636\\ 20210114 01636\\ 20210114 016360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210114 05360\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 00122\\ 20210115 041323\\ 20210115 041323\\ 20210115 20360\\ 20210115 20360\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 20360\\ 20210115 20360\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 041323\\ 20210115 0453503\\ 20210119 045351\\ 20210119 043754\\ 20210119 0532351\\ 20210121 03247\\ 20210121 033422\\ 20210121 033422\\ 20210121 042535\\ 20210121 0425386\\ 20210121 053806\\ 20210121 053806\\ 20210121 053806\\ 20210122 003326\\ \end{array}$
 | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.65\\ 1.20\\ 0.40\\ 1.35\\ 1.20\\ 0.12\\ 0.27\\ 0.11\\ 1.13\\ 0.27\\ 0.21\\ 0.27\\ 0.21\\ 0.28\\ 0.26\\ 0.33\\ 0.38\\ 0.38\\ 0.60\\ 0.60\\ 0.60\\ 0.60\\ 0.60\\ 0.44\\ 0.38\\ 0.60\\ 0.60\\ 0.53\\ 0.28\\ 0.45\\ 1.28\\ 0.54\\ 0.54\\ 0.53\\ 0.54\\ 0.55\\ 0.55\\ 0.55\\ 0.55\\ 0.25\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+15\\ 7.9E+16\\ 9.2E+15\\ 1.5E+16\\ 6.7E+15\\ 4.6E+16\\ 2.5E+16\\ 7.2E+16\\ 3.3E+16\\ 3.3E+16\\ 3.3E+16\\ 1.2E+16\\ 3.3E+16\\ 1.2E+16\\ 1.2E+16\\ 2.0E+16\\ 1.2E+16\\ 2.0E+16\\ 2.0E+16\\ 2.2E+16\\ 1.2E+16\\ 2.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 5.2E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 2.3E+16\\ 1.9E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 2.3E+16\\ 3.2E+16\\ 3.2E+12\\ 3.2E+16\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+12\\ 3.2E+$ | Spo Spo Spo Spo | $\begin{array}{c c} & & & & & & \\ & & -1.25\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & 0.02\\ & & & & & 0.02\\ & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & 0.02\\ & & & & & & & & 0.02\\ & & & & & & & & & 0.02\\ & & & & & & & & & & 0.02\\ & & & & & & & & & & & 0.0\\ & & & & & & & & & & & & 0.0\\ & & & & & & & & & & & & & & & & 0.0\\ & & & & & & & & & & & & & & & & & & &$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 56.6\\ 34.0\\ 37.9\\ 46.8\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 59.6\\ 66.8\\ 59.6\\$ | 112.8
109.00
94.6
125.3
87.1
100.3
87.1
100.3
101.0
98.6
88.9
90.8
100.8
90.9
90.9
90.9
90.9
90.9
90.9
108.2
107.3
100.7
90.7
108.7
90.5
90.8
90.9
90.9
90.9
90.9
90.9
90.9
90.9
 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 139.1 1 136.6 1 139.1 1 136.6 1 139.1 1 136.6 1 136.1 1 136.2 1 136.3 1 137.5 1 137.5 1 137.5 1 138.1 1 139.3 1 137.5 1 138.1 1 138.1 1 138.1 1 138.3 1 138.3 1 138.1 1 | 34.2 35.5 34.4 35.7 34.8 36.2 36.1 36.1 36.2 36.1 36.2 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 36.4 35.3 36.3 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 35.4 36.3 36.3 36.4 35.4 35.4 35.4 35.4 35.4
 | 1.1 6 97.9 94.1 80.1 69.0 76.1 75.0 86.3 101.5 96.3 79.4 88.4 88.4 88.4 88.4 88.2 88.4 92.1 92.1 92.1 92.1 92.1 98.7 98.7 91.7 98.7 98.7 98.8 98.8 98.8 98.3 97.8 98.3 90.0 100.1 | $\begin{array}{c} 1 \ 37.4 \\ 1 \ 37.6 \\ 9 \\ 1 \ 37.8 \\ 1 \ 37.8 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 36.9 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 37.5 \\ 1 \ 38.1 \\ 1 \ 37.6 \\ 1 \ 37.6 \\ 1 \ 37.5 \\ 1 \ 38.1 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \ 37.6 \\ 1 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37.6 \ 37$ | $\begin{array}{r} 3 3 4, 7\\ 3 4, 3\\ 3 4, 3\\ 3 4, 3\\ 3 5, 4\\ 3 5, 6\\ 3 4, 5\\ 3 5, 6\\ 3 5, 4\\ 3 5, 6\\ 3 5, 4\\ 3 5, 5\\ 3 5, 4\\ 3 5, 5\\ 3 5, 6\\ 3
5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 3 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, 6\\ 5 5, $ |
| 46 [zu210111041 46 [zu210111041 47 [zu2101122340.pm] 48 [zu2101130520.pm] 49 [zu2101130520.pm] 50 [zu2101130540.pm] 51 [zu2101130540.pm] 53 [zu2101130540.pm] 54 [zu2101130520.pm] 53 [zu2101130520.pm] 53 [zu2101140150.pm] 54 [zu2101140150.pm] 55 [zu2101140550.pm] 56 [zu2101142150.pm] 57 [zu210114250.pm] 60 [zu210114250.pm] 61 [zu210114250.pm] 63 [zu2101150310.pm] 64 [zu2101150310.pm] 63 [zu210115030.pm] 64 [zu210115050.pm] 65 [zu2101152050.pm] 66 [zu2101190540.pm] 70 [zu2101190540.pm] 71 [zu2101190540.pm] 72 [zu2101190540.pm] 73 [zu2101190540.pm] 74 [zu2101190540.pm] <td>20210111041003 20210112234725 20210113002537 202101130052572 20210113054631 20210113054631 20210113054631 20210113054631 20210113054631 2021011401585 20210114015361 2021011405361 20210114215406 20210114215406 20210114221326 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 202101150014325 202101150014325 202101150014325 202101150014325 20210115220332 20210115220332 20210119015324 20210119035351 2021012005005 20210121032410 20210121032410 20210121032410 20210121032410 20210121032410 20210121032410 20210121033424 202101210320329 202101210320329</td> <td>$\begin{array}{c} 20210111 \ 041003\\ 20210112 \ 234722\\ 20210113 \ 002536\\ 20210113 \ 002536\\ 20210113 \ 06616\\ 20210113 \ 06616\\ 20210113 \ 06616\\ 20210113 \ 02254\\ 20210114 \ 010852\\ 20210114 \ 01536\\ 20210114 \ 015360\\ 20210114 \ 015360\\ 20210114 \ 015360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210115 \ 001122\\ 20210115 \ 001122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210121 \ 003260\\ 20210121 \ 032809\\ 20210121 \ 03422\\ 20210121 \ 04342\\ 20210121 \ 04535\\ 20210121 \ 045356\\ 20210121 \ 045356\\ 20210121 \ 050386\\ 20210121 \ 050386\\ 20210122 \ 003326\\ 20210122 \ 003326\\ 20210126 \ 035367\\ \end{array}$</td> <td>$\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.20\\ 1.20\\ 1.20\\ 0.71\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.25\\ 0.25\\ 0.17\\$</td> <td>$\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+17\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 3.7E+16\\ 2.9E+16\\ 4.5E+16\\ 7.2E+16\\ 2.9E+16\\ 3.3E+16\\ 2.9E+16\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 1.7E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 1.0E+17\\ 4.1E+15\\ 7.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.1E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.1E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.4E+16\\ 1.9E+16\\ 2.4E+16\\ 1.9E+16\\ 1.9E+$</td> <td>Spo Spo Spo Spo Spo</td> <td>$\begin{array}{c c} & & & & & & & \\ \hline & & & & & \\ \hline & & & &$</td> <td>$\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 66.7\\ 44.2\\ 22.6\\ 66.8\\ 66.8\\ 66.8\\ 66.7\\ 44.2\\ 22.6\\ 66.8\\ 59.6\\$</td>
<td>1112.8
109.00
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.3
100.8
99.5
98.6
88.9
90.3
100.2
108.2
108.2
108.2
108.2
108.2
108.2
108.2
108.4
112.2
94.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
109.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
107.3
106.4
107.3
106.7
108.7
107.3
106.7
107.3
106.7
107.3
107.3
106.7
107.3
106.7
107.3
106.7
107.3
106.7
107.3
106.7
107.3
108.7
107.3
108.7
107.3
108.7
107.3
108.7
108.7
108.7
107.3
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
100</td> <td>1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 140.0 1 136.6 139.1 136.6 136.5 1440.0 137.5 137.6 137.6 137.6 137.5 138.2 137.6 137.5 138.8 137.6 138.9 137.5 138.0 137.5 138.1 140.3 138.0 137.5 138.1 136.3 139.1 136.3 139.5 139.5 139.5 139.5 139.5 139.5 139.5 139.5</td> <td>34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 36.3 35.4 35.9 36.4 35.4</td> <td>1.1 8.1 9.4.1 80.1 69.0 76.1 75.0 86.3 101.5 96.3 73.0 73.0 79.5 79.4 88.4 88.4 88.2 88.0 101.5 92.6 92.6 92.6 92.6 92.6 92.7 91.7 91.7 76.4 89.0 78.4 96.8 97.8 94.6 97.8 98.4 98.4.3 98.4.3 98.3 100.0 109.1 89.4</td> <td>$\begin{array}{c} 1 37.1 \\ 1 37.6 \\ 1 37.6 \\ 1 37.8 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.7 \\ 1 37.2 \\ 1 36.7 \\ 1 36.7 \\ 1 37.2 \\ 1 37.4 \\ 1 37.2 \\ 1 37.4 \\ 1 37.2 \\ 1 37.4 \\ 1 37.5 \\ 1 39.5 \\ 1 39.$</td> <td>$\begin{array}{r} 334,7\\ -34,3\\ -34,3\\ -34,3\\ -34,3\\ -34,3\\ -35,6\\ -36,6\\
-36,6\\ -3$</td> | 20210111041003 20210112234725 20210113002537 202101130052572 20210113054631 20210113054631 20210113054631 20210113054631 20210113054631 2021011401585 20210114015361 2021011405361 20210114215406 20210114215406 20210114221326 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 20210115001123 202101150014325 202101150014325 202101150014325 202101150014325 20210115220332 20210115220332 20210119015324 20210119035351 2021012005005 20210121032410 20210121032410 20210121032410 20210121032410 20210121032410 20210121032410 20210121033424 202101210320329 202101210320329

 | $\begin{array}{c} 20210111 \ 041003\\ 20210112 \ 234722\\ 20210113 \ 002536\\ 20210113 \ 002536\\ 20210113 \ 06616\\ 20210113 \ 06616\\ 20210113 \ 06616\\ 20210113 \ 02254\\ 20210114 \ 010852\\ 20210114 \ 01536\\ 20210114 \ 015360\\ 20210114 \ 015360\\ 20210114 \ 015360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210114 \ 025360\\ 20210115 \ 001122\\ 20210115 \ 001122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210115 \ 00122\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210116 \ 025360\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210119 \ 050912\\ 20210121 \ 003260\\ 20210121 \ 032809\\ 20210121 \ 03422\\ 20210121 \ 04342\\ 20210121 \ 04535\\ 20210121 \ 045356\\ 20210121 \ 045356\\ 20210121 \ 050386\\ 20210121 \ 050386\\ 20210122 \ 003326\\ 20210122 \ 003326\\ 20210126 \ 035367\\ \end{array}$ | $\begin{array}{c} 0.29\\ 0.51\\ 0.40\\ 1.20\\ 1.20\\ 1.20\\ 1.20\\ 0.71\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.75\\ 0.25\\ 0.25\\ 0.17\\$ | $\begin{array}{c} 5.7E+16\\ 1.2E+16\\ 1.2E+16\\ 2.1E+16\\ 3.3E+17\\ 2.3E+17\\ 7.9E+16\\ 9.2E+16\\ 1.5E+16\\ 3.7E+16\\ 2.9E+16\\ 4.5E+16\\ 7.2E+16\\ 2.9E+16\\ 3.3E+16\\ 2.9E+16\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 3.3E+16\\ 2.8E+17\\ 3.4E+15\\ 1.7E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 2.0E+16\\ 1.0E+17\\ 4.1E+15\\ 7.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.1E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.1E+16\\ 1.9E+16\\ 2.3E+16\\ 1.9E+16\\ 2.4E+16\\ 1.9E+16\\ 2.4E+16\\ 1.9E+16\\ 1.9E+$ | Spo Spo Spo Spo | $\begin{array}{c c} & & & & & & & \\ \hline & & & & & \\ \hline & & & &$
 | $\begin{array}{c} 72.3\\ 47.6\\ 37.8\\ 60.9\\ 17.0\\ 26.5\\ 66.8\\ 67.6\\ 34.0\\ 37.9\\ 41.0\\ 37.1\\ 34.8\\ 37.3\\ 56.5\\ 46.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 56.0\\ 26.1\\ 34.1\\ 34.8\\ 59.6\\ 66.7\\ 44.2\\ 22.6\\ 66.8\\ 66.8\\ 66.8\\ 66.7\\ 44.2\\ 22.6\\ 66.8\\ 59.6\\$
 | 1112.8
109.00
94.6
125.3
87.1
100.3
101.0
108.7
99.5
98.6
88.9
90.3
100.8
99.5
98.6
88.9
90.3
100.2
108.2
108.2
108.2
108.2
108.2
108.2
108.2
108.4
112.2
94.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
109.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
107.3
106.4
107.3
106.7
108.7
107.3
106.7
107.3
106.7
107.3
107.3
106.7
107.3
106.7
107.3
106.7
107.3
106.7
107.3
106.7
107.3
108.7
107.3
108.7
107.3
108.7
107.3
108.7
108.7
108.7
107.3
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
108.7
100 | 1 137.4 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 137.1 1 136.6 1 140.0 1 136.6 1 140.0 1 136.6 139.1 136.6 136.5 1440.0 137.5 137.6 137.6 137.6 137.5 138.2 137.6 137.5 138.8 137.6 138.9 137.5 138.0 137.5 138.1 140.3 138.0 137.5 138.1 136.3 139.1 136.3 139.5 139.5 139.5 139.5 139.5 139.5 139.5 139.5
 | 34.2 35.5 35.5 35.7 35.7 36.2 36.1 36.2 36.1 36.2 36.3 36.1 36.2 36.1 36.2 36.3 36.3 36.3 36.3 36.3 35.4 35.9 36.4 35.4 | 1.1 8.1 9.4.1 80.1 69.0 76.1 75.0 86.3 101.5 96.3 73.0 73.0 79.5 79.4 88.4 88.4 88.2 88.0 101.5 92.6 92.6 92.6 92.6 92.6 92.7 91.7 91.7 76.4 89.0 78.4 96.8 97.8 94.6 97.8 98.4 98.4.3 98.4.3 98.3 100.0 109.1 89.4 | $\begin{array}{c} 1 37.1 \\ 1 37.6 \\ 1 37.6 \\ 1 37.8 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.9 \\ 1 36.7 \\ 1 37.2 \\ 1 36.7 \\ 1 36.7 \\ 1 37.2 \\ 1 37.4 \\ 1 37.2 \\ 1 37.4 \\ 1 37.2 \\ 1 37.4 \\ 1 37.5 \\ 1 39.5 \\ 1 39.$
 | $\begin{array}{r} 334,7\\ -34,3\\ -34,3\\ -34,3\\ -34,3\\ -34,3\\ -35,6\\ -36,6\\ -3$ |

個々の電波光学同時流星

•次ページ以降で個々の同時流星の画像を示します



_20210102_230906



KNH 戸村さん(辻堂)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.18	2	強	8.4E+14	UNDER	_spo	1.74	16.7	87.9	139.77	34.44	84.5	139.78	34.43

_20210104_025534



KNH 戸村さん(辻堂)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.59	15	強	4.2E+16	OVER	_J5_Qua	-1.52	41.4	99.6	138.92	34.24	85.3	138.75	34.12



継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2
0.41	2	強	5.3E+16	UNDER	_J5_Qua	-1.86	38.4	96.5	139.16	33.95	86.1
0.41	12	強	5.3E+16	OVER	_J5_Qua	-1.86	38.4	96.5	139.16	33.95	86.1

_20210104_032359



KN9 永井(茅ヶ崎)スペクトル画像

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.95	2	嵶	9.5E+16	UNDER	_J5_Qua	-2.40	41.4	103.7	139.59	34.30	79.1	139.31	34.12

_20210104_050737



KNI 萩原さん(平塚)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.16	6	強	1.8E+16	OVER	_spo	-0.57	43.2	93.8	139.58	34.42	87.6	139.55	34.41

_20210109_045250



KNH 戸村さん(辻堂)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.13	1	強	6.4E+15	UNDER	_spo	0.38	36.6	104.4	139.71	34.05	100.5	139.74	34.05

_20210111_185741



KND 横関さん (平塚)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.78	2	強	1.3E+15	UNDER	_spo	1.02	13.3	93.4	139.45	34.61	81.4	139.46	34.54

_20210113_060616



KND 横関さん(平塚)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
1.20	5	強	7.9E+16	UNDER	_spo	-2.84	23.0	102.4	139.74	34.76	79.8	139.64	34.57

_20210114_221327



KN6 岡澤さん (茅ヶ崎)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.27	5	弱	2.3E+15	UNDER	_spo	1.43	34.1	90.1	139.08	35.01	85.5	139.04	34.95

_20210119_051240



KN9 永井(茅ヶ崎)スペクトル画像

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.48	1	弱	4.6E+16	UNDER	_J5_xUm	-1.57	43.2	93.4	140.26	33.71	75.7	140.39	33.70

_20210121_013247



KND 横関さん (平塚)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
1.03	6	強	9.6E+15	UNDER	_spo	-0.42	25.7	95.9	139.16	34.99	77.5	139.07	34.80

_20210122_030241



KNH 戸村さん(辻堂)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.46	1	弱	1.2E+15	UNDER	_spo	1.45	18.9	91.4	139.14	34.55	83.9	139.21	34.53

_20210126_035347



KND 横関さん(平塚)

継続時間	エコー時間	電波強弱	線電子密度	エコー形状	_stream	絶対等級	対地速度	_H1	経度1	緯度1	_H2	経度2	緯度2
0.80	1	強	5.3E+15	UNDER	_spo	0.35	29.1	102.6	139.55	34.88	84.5	139.51	34.73

結果と考察

- •課題とポイント
 - 対地速度と電波の強弱の関係を観測的に確認する
 - 対地速度とエコー強度が逆の相関関係にあれば確認出来た事になる
 - なぜ、電波と光学の同時流星は少ないのか?
 - 光学流星が電波で検出できないのはなぜ?
 - 電波流星が光学で検出できないのはなぜ?

対地速度と電波の強弱の関係を観測的に確認 する



2021年1月の13個を追記しました 速度とエコー強度のトレンドは、より顕著になったようです

なぜ、電波と光学の同時流星は少ないのか?

• 光学流星が電波で検出できない理由



なぜ、電波と光学の同時流星は少ないのか?

• 電波流星が光学で検出できない理由

流星の絶対等級	質量(g)	観測手段
/-10	10000	火球
-5	100	肉眼、写真
0	1	写真、ビデオ
+5	0. 01	ビデオ <mark>,</mark> radar
+10	0. 0001	望遠鏡、radar

渡部,木曽シンポジウム2009

暗い流星の方が数が多い事は容易に想像できます 明るさに寄らず一定の割合で流星がプラズマチューブを作れ ば電波観測では暗い流星を多く検出している事になります

電波でたくさん検出出来ても光学と同時にならない物が多い

ビデオは明るい流星の観測手段、 電波は暗い流星の観測手段となっています 5等の欄ではビデオと電波の両方となっています(電波光学同時流星の領域)

明るい流星はビデオ観測・暗い流星は電波観測と言うすみ分け 暗い流星はビデオに写らないが電波なら(反射を)観測出来ると言う意味



なぜ、電波と光学の同時流星は少ないのか?

• 電波流星が光学で検出できない理由



2021年1月の13個を追記しました 半分づつに分かれてきたようです



絶対等級と同時流星数を見ると暗い方が数 が増える傾向に見えなくもないです 一方、暗い流星は光学観測で検出数が減る ので暗くなるにつれて同時流星の数が減る グラフは2つの傾向が合成されたもの

以上です

対地速度と電波強度の関係が見えて来ました あと少しだけ観測を継続してみます

電波流星が光学で検出できない様子も見えて来たと思います 暗い流星をTV観測しないと理由を明確に出来ないですが 現状の方法で、あと少しだけ継続してみます