# SALDANHA BAY WATER QUALITY FORUM TRUST

## **BEACH EROSION/ACCRETION MONITORING PROGRAM**

PROGRESS REPORT No. 2 (MAY 2019 – OCTOBER 2019)

**NOVEMBER 2019** 

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## <u>ERRATUM</u>

Progress Report no 1 (November 2018 – April 2019)

Chapter 5. "Summary" – page 7; Third sub-summary "Total sand loss of 11040  $m^{3"}$ , must be read as "Total sand loss of 1740 $m^{3}$ ."

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#### BEACH EROSION/ACCRETION MONITORING PROGRAMME PROGRESS REPORT NO. 2

#### 1. INTRODUCTION

In 1994, after a work session between the Langebaan Municipality and the consultants it was decided to start an ongoing monitoring program of the changes (erosion/accretion) of the beaches between Leentjiesklip 1 (Strandloper restaurant) and Alabama Street as part of a beach protection investigation.

The beach survey, on 24 Standard measure lines, are done two times a year (after – summer and after – winter) during spring tide low – water and then between the top of high – water mark and approximately two metre below mean sea level (MSL).

During the year, wave measurements are done at the entrance of Saldanha Bay. These were with permission of TNPA obtained and the results are analysed.

The Municipality of Saldanha Bay aborted the original monitoring programme, started in 1994, at the end of 2017.

In 2019, the Saldanha Water Quality Forum Trust (SWQFT) started the monitoring programme again with the first measurement programme starting from April 2019.

The breaching between the old programme (1994 – 2017) and the current programme (May 2019 onwards) is described in the Preliminary Report published in May 2019.

#### 2. WAVE DATA

Wave measurement data, height and period, measured at the entrance of Saldanha Bay (located one kilometre southeast of Marcus Island) by wave rider buoy and analysed by the CSIR (Stellenbosch), has been made available by TNPA (Saldanha). The table with wave data is in the Appendix.

NB. Due to contractual problems the CSIR only received data for 4 months (1 July – 31 October 2019) in stead of the 6 months needed for the winter half year period.

- The statistically calculated average wave height of 1.32m has been exceeded 488 times (58%).
- The wave height of 3m was only 5 times exceeded. Namely:
  - once during the short semi storm on 8 August 2019 and 4 times during the only storm on 24 July 2019.
  - The wave height of 4m was exceeded twice namely on the 09h00 recording and the 12h00 recording.
  - The maximum 4.40m wave height on the 09h00 recording has a statistical occurrence of 0.85 times per year.

After analysing the 842 measurements (20 – minute records, 8 times per day) from 1 July 2019 – 31 October 2019 conditions in the winter half year can be qualified as calm.

#### 3. SURVEY

This after winter survey was conducted between 27 – 31 October 2019.

The position of the measured lines (beach sections) are shown on Figure 3 in the Appendix. The results of the latest survey are shown on Figure 1A to 1K and 2A to 2F (Appendix) and are compared with previous surveys.

Where available the May 1997 survey done just before the "major storm" of June 1997 is shown on the Figures.

A summary of the land or seawards displacement of the beach/stonewall base/dune vegetation line, since the last survey is tabulated on various horizontal levels above and below Mean Sea Level (MSL) or zero level in Table 1 on page 3. Landwards displacement (erosion) is indicated with a minus (-) sign and seaward displacement (accretion) with a plus (+) sign. Table 1 also indicates accretion/erosion of sand in the beach areas either side of the representative measure line.

\*For the northern and southern beaches, the comparison is made with the May 2019 survey.

		1	,													<del></del> -
	REMARKS	A. Dune boundary B. Dune Footline	C. Footline revetment	D. Beach Ridge											TOTAL LOSS 20510 m <sup>3</sup>	TOTAL GAIN 30730 m <sup>3</sup>
	14							-1	14	÷5	÷	+2	+1	0		016
	13D						-	+3	+12	0	0	0	0	0		075
	<b>13</b> B							0	14	+17	'n	0	0	0		1560
	13X							6+	+18	6+	0	0	+1	+1		5812
	13							0	+10	-9	-7	0	+1	+2		096
	12A						0	-2	+2	44	+1	+3	+1	+3		006
	11X				0	-2	-1	ı	+1	0	0	0	0	0	1800	
ERS	11						-12	6-	-6	'n	'n	-3	+2	+1	5030	
LAND/SEAWARDS DISPLACEMENT IN METERS	10A2							+18	+25	+36	+60	-28	+51	+28		14430
NTIN	10B 10A1 10A2						+7	8-	0	<del>1</del>	<del>1</del> 3	+32	+49	+48		0975
CEME	10B					+2	+50	0	-1	-10	8-	0	+5	0		1848
SPLA	9AN					0 <sup>c</sup>	-19	-18	-21	8-	7	0	+10	+8	028T	
DS DI	8X					0	-2	-13	-14	-13	- J	+5	+4	0	ST9T	
WAR	8E				+2 <sup>c</sup>	+2	+1	-2	-5	-17	-21	-28	6-	0	00†Z	
)/SEA	7X							-3 <sup>c</sup>	-5	ς	6-	-26	+14	+21	069T	
LAN	7B						0	-3	-5	9-	- J	-26	+18	+23	008	
	6X										2c	-25	+7	+20	530	
	6B								0 <sup>c</sup>	ν	-10	-15	9+	+19	SZST	
	5X									0 <sub>c</sub>	-4	+6	+7	+10		530
	5B										0 <sup>c</sup>	0	+12	+8		078
	4D										0 <sup>c</sup>	-10	6+	+8		5240
	3C											-10c	+5	+10		025
	2X								0 <sup>c</sup>	-2	-4	-4	0	+2	00ST	
	2A								0 <sup>c</sup>	2	2	0	0	0		09
	Li ne Nr.	+4.0	+3.5	+3.0	+2.5	+2.0	+1.5	+1.0	+0.5	0.0	-0.5	-1.0	-1.5	-2.0	SAND EROSION	SAND ACCRETI ON
					יזי:	V sret	iəm n	i ləvəl	letno	loriso					SAND EROSI	SAND ACCRI

Table 1 Summary of the land or seawards displacement

#### 4. RESULTS

For the position of the measure lines discussed below, reference is made to Figure 3 (colour aerial photo) and for the plotted heights to Figures 1A to 1K and 2A to 2F in the Appendix.

Summary of level information:

Upper beach	: beach area above +1m M.S.L (mean sea level or
	zero level)
High Water Level (HWL)	: +1m M.S.L
Low Water Level (LWL)	: -0.6m M.S.L
Tidal range	: +1m to -0.6 M.S.L
• Lines 2A – 10A1 distance	: measured from bottom of stonewall
• Lines 13X – 13D distance	: measured from the erf boundaries

Line 2A	Low accretion from below the zero level to the LW level (with maximum sea bottom rise of 0.2m). Further seawards to the - 2m level, no mentionable change.
Line 2X	Low erosion from HWL, increasing to a sea bottom drop of 0.5m at LW level and further seaward a change to low accretion up to and past the -2m level.
Line 3C	From stone wall low – mild erosion (maximum 0.4 drop). Erosion changes to accretion at bottom level -1.3m and 17m from stone wall. At the -2m level is the sea bottom rise 0.25m
Line 4D	From stone wall to 23m further seaward (-1.2m GSS) low erosion, changing at this point to increasing accretion till past the -2m level. Maximum bottom raises 0.35m.
Line 5B	Low erosion from stone wall and 23m seawards with maximum drop of 0.2m. The erosion changes at this point (at -1.0m level) to increasing accretion till past -2m level. Maximum rise at this point 0.5m.
Line 5X	Erosion (maximum bottom drop 0.25m) from stone wall till 40m seaward. Sea bottom -1m at this point the low erosion changes increasing accretion till past the -2m level at a distance of 75m from stone wall. (bottom rise 0.25m).
Line 6B	At the stonewall the medium erosion (bottom drop 0.55m) starts decreasing till nil at a distance of 54m from stone wall and a bottom level of -1.2m further seaward an increasing accretion is measured till past the -2m level 30m seaward and makes bottom rise of 0.45m.
Line 6X	Low erosion is measured as from the stone wall till a point 45m further sea ward with sea bottom level of -1.35m and at this point the erosion is changed to increasing accretion. This accruement is running till past the -2m level (70m from stone wall.
Line 7B	Strong, local, erosion is measured between stone wall and 10m seaward. A sea bottom drop of 1.5m was measured. Further

	down the profile low to medium erosion was measured. Which ran up to a point on 80m from stone wall and at a bottom level of -1.2m GSS and reached a maximum drop of 0.3m. Further seaward the erosion changed to increasing accretion and runs past the -2m GSS, another 30m seaward. Maximum bottom rises 0.5m.
e 7X	From stone wall low – medium erosion was measured for a distance of 105m (from stone wall) with maximum bottom drop of 0.35m. At this point the erosion changed to increasing

accretion which ended at the -2m level with a bottom rise at 0.5.

Line 8E Low accretion from stone wall till 20m seaward was measured (bottom rise 0.15 – 0.2m). From the point, 20m seaward, accretion changed to increasing low – medium erosion. Which did run to the -2m GSS level. Where it became nil. (160m distance from stone wall).

Line

In the area between Leentjiesklip 1 and groyne 2 (just north of Noord Street, two areas are identified namely:

- The northerly part, measure lines 2A to 5X from Strandloper Restaurant to just south of the Seabreeze Caravan Park. This area shows low accretion which didn't occur in previous "after winter" surveys, and a sand gain of 2440m<sup>3</sup> was calculated.
- The area between just south of Seabreeze Caravan Park and groyne 2 (just north of Noord Street – lines 6B to 8B). In this area the same patern as previous years namely low to medium erosion did occur and the calculated sand loss was calculated to 11695m<sup>3</sup>.
- Line 8X Just south of groyne 2 local medium erosion was measured, the 10m wide beach and the beach ridge were eroded away. The medium erosion decreased to low erosion till the LW line was reached and decreased further till the -2m level was reached and the erosion became nil.
- Line 9BN From the foot of the stone wall till a 46m distance low medium accretion was measured (with a bottom rise at 0.3m). Further seawards the accretion changed to strong erosion. The beach ridge was eroded and replaced 22m landwards as well as the beach slope. The strong erosion ended on the zero-line 54m from the beach ridge where low erosion (0.1m rise) started and ended another 45m further seaward where erosion changed to low accretion and bottom did rise another 0.2 0.25m at the 2.m level.
- Line 10B Survey station at Sleigh Street (as well on line 10A<sub>1</sub> and 10A<sub>2</sub>). Changing erosion/accretion in dune area caused by wind erosion. At a distance of 75m from survey station the flat beach starts. From dune foot to 90m seaward low increasing to medium accretion ending at the new beach ridge (maximum bottom raised 0.3m on +1.5m level. Seaward of beach ridge changing low erosion/ accretion (over distance 170 – 330m) ending at the -2m level.

Line 10A1 Between the dune foot (on 30m from survey station) and the foot at the stone wall accretion is measured (deposit by wind and trapped). Bottom rise maximum 0.45m Seaward from foot line of stone wall till 60m seawards no change in beach profile. On 70m seaward foot stone wall begin of low accretion right up to groyne 1. South of groyne 1, over a distance of 75m (at the -2m level) a larger quantity of sand deposited between -0.5m and -2m level. The deposited quantity is calculated as  $\pm 3800m^3$ .

In the area between groyne 2 (north of Noord Street) and groyne 1 (at Sleigh Street) with a coastline length of 435m is in total a gain of 3820m<sup>3</sup> sand calculated. South of groyne 2 a medium erosion is measured and about half way to the area accretion did start with a maximum gain on line 10A1.

- Line 10A2 The dune foot (on +1.5m GSS) is 4m seaward displaced and strong accretion pushed the beach ridge and beach slope 22m seaward. Strong accretion with a bottom rise of 0.75m is measured over a distance of 140m from the new beach ridge and reaching the tidal channel at the -2m level. The gain of sand is calculated on 14400m<sup>3</sup>.
- Line 11 Low erosion started on the flat beach. The beach ridge is 12m landwards displaced as well as the beach slope. The beach ridge height (on +1.4m0 stayed the same, but the beach slope became steeper. The "damage" is reduced to zero on a 75m seaward distance from the survey station and on a depth of 1.2m M.S.L. The tidal channel started at 140m distance from survey station.
- Line 11X On 30m from the survey station starts an 30m flat beach. By erosion the beach was lowered by 0.5m. The position of the beach ridge and beach slope was not affected seriously. The "erosion damage" became zero at the bottom of the beach slope. The tidal channel starts at 70m from the beach ridge.

In the area between groyne 1 (Sleigh Street) and the sandpit (between Cloete and Dwars Street). Low to medium erosion is measured on the flat beaches. In the north of the area strong – very strong accretion was measured just south of groyne 1 with a gain of 14400m<sup>3</sup> sand. Low erosion was measured on the southern part of the area. For the total area, gain of sand is calculated at 14430m<sup>3</sup>.

Line 12A Just North of line 12A is the boundary of the Northern beaches and the southern beaches of Langebaan. The survey station is near the gate to the beach and the entrance of the public parking area. The survey starts at ±40 m from the station, where the wind-blown low dunes start. The foot of the low dunes at 103mfrom the station, is also the begin of the beach slope (no beach ridge). On the beach slope a changing low accretion/erosion was measured with maximum beach drop 0.25m and beach rises of maximum 0.5m. The low accretion is changing to minimum, till past the -2m level on 180m distance from station. The tidal channel (at -2m level) is 2m seawards displaced.

- Line 13 End of Breë Street. No change at the flat beach except at the end where slight accretion took place by filling up a 25m area. The beach edge moved 4m landwards. The beach slope is streamlined by filling up (maximum rise 0.7m in area between +1m level and +0.25m level). At the lover part of the beach slope erosion did start with maximum lowering of slope by maximum 0.5m. This process stopped at the -0.7m level and the beach slope was connected with the slope of the tidal channel. The channel was also displaced 2m seaward.
- Line 13X At 130m south of Breë Street. The "undulated" slope started at 60m distance from the station. On the flat beach between 35 and 60m from station slight infill was measured. The beach ridge is re-positioned 4m seaward. The beach slope is re-shaped, by strong accretion, in a fluent line right up to the -0.5m level (from chainage 65 105m to station). Maximum rise 0.6m minimum 0.0m. At the chainage 105m (depth -0.5m) a step was created and after the step (at chainage 130m) the strong accretion was changed to low erosion. The tidal channel's position moved 1.0m seaward.
- Line 13B At the first house south of Smith Street. On this line a smoothing process of the undulated profile took place from the edge of the grassy flat area at ch15 the process started with filling in at two places. Maximum infill 0.25m and lower down another infill of maximum 0.3m. Between ch 90 and 110m slight erosion was measured (maximum 0.1m). The position of the tidal channel is unchanged.
- Line 13D At 75m north of Alabama Street. Also, on this line the profile was changed to a more fluent profile. The maximum height of infill needed was 0.35 – 0.4m. Below the zero level up to the -2m level no change was measured. The tidal channel remained on the same position.
- Line 14 At Alabama Street. As at the previous lines a smoothing of the undulated profile was achieved. Low (and in the beginning medium) accretion was needed. Seaward between ch25 – 70m the infill needed was 0.3m and further seaward the infill needed was minimal. The -2m level at ch 82 was unchanged.

In the area between the sandpit (between Dwars and Cloete Streets) and Alabama Street, the so - called southern beaches, a smoothing of the profile lines has occurred. This was done, by low (sometimes medium) accretion/erosion. The gain of sand in this area is calculated at 6755m<sup>3</sup>. The position of the tidal channel changed minimal.

#### 5. SUMMARY

- The "winter half year" from 1 May to 31 October 2019 can be classified as calm.
- The wave height of 3m (minimum criteria for a semi storm event) occurred twice namely on 8 August 2019 and on the only storm on 24 July 2019 when the maximum wave height of 4.40m was recorded with a statistical occurrence of 0.85 time per year.
- In the area between Leentjiesklip 1 (Standloper) and groyne 2 (just north of Noord Street), two areas were identified namely:
  - The most northerly part (measure lines 2A to 5X from Strandloper to just South of the Seabreeze Caravan Park. This area shows low accretion which didn't occur in previous "after winter" survey and a sand gain of 2440m<sup>3</sup> was calculated.
  - The southerly park (between the southern border of Seabreeze Park and groyne 2 (just north of Noord Street lines 6B to 8E. In this area the same pattern as previous years namely low to medium erosion was measured and the calculated sand loss was 11695m<sup>3</sup>.
- In the area between groyne 2 (just North of Noord Street) and groyne 1 (at Sleigh Street) with a coastline length of 435m is in total a gain of 2820m<sup>3</sup> sand calculated and south of groyne 2 medium erosion is measured and about half way the area accretion did start with a maximum gain on line 10A1 at groyne 1 of 5460m<sup>3</sup>.
- In the area between groyne 1 (Sleigh Street) and the sandpit in (between Cloeteand Dwars Street) the north of the area strong to very strong accretion was measured just south of groyne 1 with a gain of 14400m<sup>3</sup> sand. Low erosion was measured on the flat beaches of the southern part of the area. For the total area, gain of sand is calculated 14430m<sup>3</sup>.
  - Note: The sandpit just north of line 12A defines the boundary between the northern and southern beaches of Langebaan.
- In the area between the sandpit and Alabama Street, with a coastline length of 725m, a total sand gain of 3755m<sup>3</sup> was calculated. In the area the bottom was changed by a smoothing process caused by low (sometime medium) occurrence and erosion (filling and removing). The position of the tidal channel changed minimal.
- The sand movement balance for the total area between the Strandloper Restaurant (Leentjiesklip 1) in the north and Alabama Street in the South is calculated at a gain of 10220m<sup>3</sup> sand.
  - Note: On the next pages a summary of sand loss/gain for the Northern and Southern beaches for the last 12 years is tabulated (on table 2) and a graphical version is shown of table 2.

DATE	N	ORTH BEAC	Н	SC	UTH BEAC	Н	SEASON
	Accretion	Erosion	Balance	Accretion	Erosion	Balance	
May-08	34680	-28555	6125	360	-1235	-875	Summer
Nov-08	1540	-43925	-42385	11250 0		11250	Winter
May-09	28265	-2630	25635	375	-5030	-4655	Summer
Dec-09	5435	-45045	-39610	12370	0	12370	Winter
May-10	7860	-10490	-2630	1500	-460	1040	Summer
Nov-10	27745	-7595	20150	5245	0	5245	Winter
May-11	21740	-1100	20640	140	-5720	-5580	Summer
Nov-11	4600	-29820	-25220	8775	0	8775	Winter
May-12	12730	-6010	6720	0	-6180	-6180	Summer
Nov-12	7275	-33175	-25900	8450	0	8450	Winter
May-13	41625	-220	41405	0	-5625	-5625	Summer
Nov-13	6330	-45750	-39420	13515	0	13515	Winter
May-14	26590	-1000	25590	390	-3845	-3455	Summer
Nov-14	1945	-34650	-32705	13955	0	13955	Winter
May-15	27225	0	27225	0	-8830	-8830	Summer
Dec-15	7650	-9905	-2255	2155	-490	1665	Winter
May-16	10640	-22250	-11610	500	-1655	-1155	Summer
Dec-16	18870	-5625	13245	4740	-140	4600	Winter
May-17	16675	-4770	11905	0	-10870	-10870	Summer
Nov-17	9240	-32585	-23345	7255	0	7255	Winter
May-18	15080	-14080	1000	690	-10880	-10190	Summer
Nov-18	13080	-14060	1000	090	-10990	-10190	Winter
Jun-19	21375	-3925	17450	0	-6590	-6590	Summer
Nov-19	18845	-20490	-1645	6755	0	6755	Winter
Total:	352585	-399670		+98420	-67550		
Balance:			-47085			+30650	

Table 2 Historic sand loss/gain results in m3

Note: For a graphical version of this table 2 see next page (pg 10)

Graphical Version of Table 2



## 6. APPENDIX

Table	Wave measurements data (A – D)
Figures 1A to 1K	Graphs – northern beach profiles
Figures 2A to 2F	Graphs – southern beach profiles
Figure 3	Map – location of measure lines

Station	: SALDANHA	BAY	2019	07 10	0900	1.21	12.50	2019	07	20	2100	1.41	11.10
Latitude	:33.05				1200	1.33	11.70				0000	1.03	10.00
Longitude	:17.97333	5	2019	07 10	1500	1.44	11.10	2019	07	21	0300	0.95	11.10
Water Depth	:23		2019	07 10	1800	1.57	13.30	2019	07	21	0600	0.78	10.00
Date range	:2019-01-	01 to 2019-	2019	07 10	2100	1.48	11.70	2019	07	21	0900	0.61	11.10
10-31			2019	07 11	L 0000	1.37	10.50	2019	07	21	1200	0.61	10.00
Instrument Ty	pe:New Wav	verider	2019	07 11	L 0300	1.28	10.00	2019	07	21	1500	0.56	10.50
Date Tim	e Hmo	Tp	2019	07 11	L 0600	1.38	11.70	2019	07	21	1800	0.61	16.60
			2019	07 11	L 0900	1.26	10.00	2019	07	21	2100	0.73	15.30
2019 07 01 00	00 1.41	10.00	2019	07 11	L 1200	1.15	11.70	2019	07	22	0000	0.84	15.30
2019 07 01 03	00 1.34	18.10	2019	07 11	L 1500	1.13	10.50	2019	07	22	0300	0.87	15.30
2019 07 01 06	00 1.51	16.60	2019	07 11	L 1800	1.10	10.00	2019	07	22	0600	0.86	14.20
2019 07 01 09	00 1.59	16.60	2019	07 11	L 2100	1.05	11.10	2019	07	22	0900	1.07	14.20
2019 07 01 12	00 1.58	16.60	2019	07 12	2 0000	1.13	10.50	2019	07	22	1200	0.98	14.20
2019 07 01 15	00 1.70	15.30	2019	07 12	2 0300	1.17	11.10	2019	07	22	1500	1.07	13.30
2019 07 01 18	00 1.56	15.30	2019	07 12	2 0600	1.27	10.00	2019	07	22	1800	1.21	14.20
2019 07 01 21	00 1.31	15.30	2019	07 12	2 0900	1.39	11.10	2019	07	22	2100	1.25	14.20
2019 07 02 00	00 1.27	14.20	2019	07 12	2 1200	1.49	16.60	2019	07	23	00009	999.999	999.99
2019 07 02 03	00 1.38	14.20	2019	07 12	2 1500	1.66	11.70	2019	07	23	03009	999.999	999.99
2019 07 02 06	00 1.36	14.20	2019	07 12	2 1800	2.12	13.30	2019	07	23	06009	999.999	999.99
2019 07 02 09	00 1.37	13.30	2019	07 12	2 2100	1.94	14.20	2019	07	23	09009	999.999	999.99
2019 07 02 12	00 1.65	11.70	2019	07 13	3 0000	2.03	14.20	2019	07	23	12009	999.999	999.99
2019 07 02 15	00 1.99	11.70	2019	07 13	3 0300	1.80	15.30	2019	07	23	15009	999.999	999.99
2019 07 02 18	00 1.95	11.70	2019	07 13	3 0600	2.04	15.30	2019	07	23	18009	999.999	999.99
2019 07 02 21	00 2.03	11.70	2019	07 13	3 0900	1.77	14.20	2019	07	23	21009	999.999	999.99
2019 07 03 00	00 1.78	11.10	2019	07 13	3 1200	1.74	14.20	2019	07	24	0000	2.71	12.50
2019 07 03 03	00 2.04	11.10	2019	07 13	3 1500	1.76	13.30	2019	07	24	0300	2.90	12.50
2019 07 03 06	00 1.83	11.70	2019	07 13	3 1800	1.55	12.50	2019	07	24	0600	3.26	13.30
2019 07 03 09	00 1.75	12.50			3 2100	1.48	12.50	2019	07	24	0900	4.40	16.60
2019 07 03 12		11.10			£ 0000	1.43	12.50				1200	4.06	16.60
2019 07 03 15	00 2.10	12.50	2019	07 14	£ 0300	1.28	12.50	2019	07	24	1500	3.81	16.60
2019 07 03 18	00 1.86	10.50	2019	07 14	1 0600	1.28	12.50	2019	07	24	1800	2.83	15.30
2019 07 03 21	00 1.83	11.10	2019	07 14	1 0900	1.22	11.70	2019	07	24	2100	2.53	15.30
2019 07 04 00	00 1.64	11.70	2019	07 14	1200 <u>1</u>	1.10	11.70	2019	07	25	0000	2.36	15.30
2019 07 04 03	00 1.99	13.30	2019	07 14	£ 1500	1.22	12.50	2019	07	25	0300	2.18	13.30
2019 07 04 06	00 2.06	15.30	2019	07 14	£ 1800	1.25	13.30	2019	07	25	0600	2.35	14.20
2019 07 04 09	00 2.16	14.20	2019	07 14	£ 2100	1.17	13.30	2019	07	25	0900	1.91	12.50
2019 07 04 12	00 1.80	15.30	2019	07 19	5 0000	1.18	14.20	2019	07	25	1200	1.92	11.10
2019 07 04 15	00 1.91	12.50	2019	07 15	5 0300	1.57	13.30	2019	07	25	1500	1.94	13.30
2019 07 04 18		11.10			5 0600	1.38	12.50				1800	2.27	12.50
2019 07 04 21	00 1.79	13.30	2019	07 19	5 0900	1.50	13.30	2019	07	25	2100	2.08	12.50
2019 07 05 00	00 2.03	13.30	2019	07 15	5 1200	1.79	12.50	2019	07	26	0000	2.23	13.30
2019 07 05 03		11.70			5 1500	1.70	13.30				0300	2.14	12.50
2019 07 05 06		13.30			5 1800	1.55	12.50				0600	2.22	12.50
2019 07 05 09		12.50			5 2100	1.55	12.50				0900		13.30
2019 07 05 12		12.50			5 0000	1.45	11.70				1200	2.48	11.70
2019 07 05 15		12.50			5 0300	1.52	12.50				1500	2.10	15.30
2019 07 05 18		12.50			5 0600	2.03	16.60				1800	2.17	11.70
2019 07 05 21		15.30			5 0900		16.60				2100		15.30
2019 07 06 00		14.20			5 1200		16.60				0000		16.60
2019 07 06 03		12.50			5 1500		15.30				0300		15.30
2019 07 06 06		14.20			5 1800		15.30				0600		12.50
2019 07 06 09		12.50			5 2100		15.30				0900		15.30
2019 07 06 12		13.30			7 0000		15.30				1200		15.30
2019 07 06 15		12.50			7 0300		12.50				1500		13.30
2019 07 06 18		13.30			7 0600		15.30				1800		14.20
2019 07 06 21		10.50			7 0900		12.50				2100	1.27	
2019 07 07 00		10.50			7 1200		14.20				0000	1.35	
2019 07 07 03		12.50			7 1500		14.20				0300	1.28	
2019 07 07 06		10.00			7 1800		13.30 11.70				0600	1.57	12.50 15.30
2019 07 07 09		11.10			7 2100 3 0000						0900		
2019 07 07 12		11.10					13.30 10.50				1200		15.30
2019 07 07 15 2019 07 07 18		11.10 13.30			3 0300 3 0600		10.50				1500 1800		14.20 13.30
2019 07 07 18		13.30			3 0900		12.50				2100		12.50
2019 07 07 21 2019 07 08 00		10.50			3 1200		12.50				0000		12.50
2019 07 08 00 2019 07 08 03		10.00			3 1500		11.10				0300	1.00	
2019 07 08 03		10.00			3 1800		12.50				0600		11.10
2019 07 08 08 2019 07 08 09		10.50			3 2100		11.70				0900		11.70
2019 07 08 09 2019 07 08 12		10.00			0000		11.70				1200		12.50
2019 07 08 12		10.00			0300		12.50				1500		10.50
2019 07 08 13		10.50			9 0600		12.50				1800		11.70
2019 07 08 18		10.50			9 0900		12.50				2100		11.70
2019 07 08 21		10.00			1200		14.20				0000		11.70
2019 07 09 00		10.50			) 1200 ) 1500		13.30				0300		10.50
2019 07 09 03 2019 07 09 06		10.50			9 1800		13.30				0600		11.10
2019 07 09 08 2019 07 09 09		10.50			) 1800 ) 2100		14.20				0900	2.01	
2019 07 09 09 2019 07 09 12		10.50			0000		13.30				1200	2.48	
2019 07 09 12		11.70			0300		12.50				1500	2.40	
2019 07 09 18		10.50			0600		14.20				1800		13.30
2019 07 09 10		12.50			0900		13.30				2100		13.30
2019 07 10 00		11.70			) 1200		12.50				0000		13.30
2019 07 10 00 2019 07 10 03		11.10			) 1500		12.50				0300	2.09	12.50
2019 07 10 05		11.70			1800		11.70				0600	2.52	
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2019 07 31 0900	2.37 1	L3.30	2019	08	10	2100	1.61	10.50	2019	08	21	0900	1.03	11.10
2019 07 31 1200		L1.10	2019				1.75	12.50	2019				1.10	10.50
2019 07 31 1500		L1.70	2019				1.84	13.30	2019				1.29	14.20
2019 07 31 1800		L0.00	2019				2.14	13.30	2019				1.48	14.20
2019 07 31 2100		L1.70	2019				2.17	11.70	2019				1.55	13.30
2019 08 01 0000		L1.70	2019				2.60	14.20	2019				1.71	14.20
2019 08 01 0000		L1.70	2019				2.35	14.20	2019				1.46	12.50
2019 08 01 0600		L1.70	2019				2.44	13.30	2019				1.76	15.30
2019 08 01 0900		11.10	2019				2.56	12.50	2019				1.45	14.20
2019 08 01 1200		L1.70	2019				2.44	13.30	2019				1.37	14.20
2019 08 01 1500		L0.50	2019				2.83	13.30	2019				1.40	14.20
2019 08 01 1800		L1.10	2019				2.51	13.30	2019				1.31	14.20
2019 08 01 2100		L0.00	2019				2.44	13.30	2019				1.44	13.30
2019 08 02 0000		L0.50	2019				2.51	15.30	2019				1.30	14.20
2019 08 02 0300		L1.70	2019				2.92	13.30	2019				1.34	14.20
2019 08 02 0600	0.76 1	L3.30	2019				2.82	16.60	2019				1.57	14.20
2019 08 02 0900		L0.50	2019				3.32	16.60	2019				1.45	13.30
2019 08 02 1200	0.79 1	L2.50	2019	08	13	0000	3.16	12.50	2019	08	23	1200	1.42	12.50
2019 08 02 1500	0.85 1	L1.10	2019	80	13	0300	2.74	16.60	2019	08	23	1500	1.24	12.50
2019 08 02 1800	0.83 1	L2.50	2019	80	13	0600	2.69	16.60	2019	08	23	1800	1.25	13.30
2019 08 02 2100	0.99 1	L1.70	2019	80	13	0900	2.49	16.60	2019	08	23	2100	1.23	13.30
2019 08 03 0000	0.98 1	L1.10	2019	80	13	1200	2.47	15.30	2019	08	24	0000	1.23	12.50
2019 08 03 0300	1.09 1	L3.30	2019	80	13	1500	2.15	15.30	2019	80	24	0300	1.23	11.70
2019 08 03 0600	0.98 1	L4.20	2019	80	13	1800	2.02	13.30	2019	80	24	0600	1.16	13.30
2019 08 03 0900	0.97 1	L3.30	2019	80	13	2100	2.01	14.20	2019	80	24	0900	1.39	12.50
2019 08 03 1200	0.88 1	L4.20	2019	80	14	0000	1.98	14.20	2019	80	24	1200	1.08	13.30
2019 08 03 1500	0.93 1	L1.70	2019	80	14	0300	1.93	15.30	2019	08	24	1500	1.31	12.50
2019 08 03 1800		L1.70	2019				2.04	14.20	2019				1.27	12.50
2019 08 03 2100		L0.50	2019				2.09	14.20	2019				1.18	12.50
2019 08 04 0000	0.82 1	L1.70	2019	08	14	1200	2.03	14.20	2019	08	25	0000	1.29	13.30
2019 08 04 0300		L1.70	2019				2.05	12.50	2019	08	25	0300	1.30	13.30
2019 08 04 0600		L2.50	2019				1.75	14.20	2019				1.35	12.50
2019 08 04 0900		L1.10	2019				1.65	12.50	2019				1.21	13.30
2019 08 04 1200		L0.50	2019				1.60	12.50	2019				1.30	14.20
2019 08 04 1500		L1.10	2019				1.64	13.30	2019				1.36	13.30
2019 08 04 1800		11.10	2019				1.44	12.50	2019				1.42	14.20
2019 08 04 1000		L1.70	2019				1.51	11.10	2019				1.50	14.20
2019 08 04 2100		L1.70	2019				1.41	11.70	2019				1.48	12.50
2019 08 05 0000			2019				1.46	11.70	2019				1.57	12.50
2019 08 05 0300		L0.00	2019						2019					
2019 08 05 0800	1.12	7.60	2019	00	12	1000	1.45	12.50				0000	1.77	11.70
2010 00 0F 0000	1 66	7 (0	2010	<u>^ 0</u>			1 1 0	11 70			20	~~~~	1 00	
2019 08 05 0900		7.60	2019		15	2100	1.10	11.70				0900	1.90	13.30
2019 08 05 1200	1.36	9.00	2019	80	15 16	2100 0000	1.37	11.10	2019	80	26	1200	1.82	12.50
2019 08 05 1200 2019 08 05 1500	1.36 1.56	9.00 9.00	2019 2019	08 08	15 16 16	2100 0000 0300	1.37 1.32	11.10 12.50	2019 2019	08 08	26 26	1200 1500	1.82 1.67	12.50 11.70
2019 08 05 1200 2019 08 05 1500 2019 08 05 1800	1.36 1.56 1.86 1	9.00 9.00 L1.70	2019 2019 2019	08 08 08	15 16 16 16	2100 0000 0300 0600	1.37 1.32 1.36	11.10 12.50 11.70	2019 2019 2019	08 08 08	26 26 26	1200 1500 1800	1.82 1.67 1.78	12.50 11.70 11.70
2019 08 05 1200 2019 08 05 1500 2019 08 05 1800 2019 08 05 2100	1.36 1.56 1.86 1 2.36 1	9.00 9.00 L1.70 L2.50	2019 2019 2019 2019 2019	08 08 08 08	15 16 16 16 16	2100 0000 0300 0600 0900	1.37 1.32 1.36 1.38	11.10 12.50 11.70 11.70	2019 2019 2019 2019 2019	08 08 08 08	26 26 26 26	1200 1500 1800 2100	1.82 1.67 1.78 1.74	12.50 11.70 11.70 13.30
2019 08 05 1200 2019 08 05 1500 2019 08 05 1800 2019 08 05 2100 2019 08 06 0000	1.36 1.56 1.86 1 2.36 1 2.12 1	9.00 9.00 L1.70 L2.50 L2.50	2019 2019 2019 2019 2019 2019	08 08 08 08 08	15 16 16 16 16 16	2100 0000 0300 0600 0900 1200	1.37 1.32 1.36 1.38 1.34	11.10 12.50 11.70 11.70 11.70	2019 2019 2019 2019 2019 2019	08 08 08 08 08	26 26 26 26 27	1200 1500 1800 2100 0000	1.82 1.67 1.78 1.74 1.87	12.50 11.70 11.70 13.30 13.30
201908051200201908051500201908052100201908060000201908060300	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1	9.00 9.00 11.70 12.50 12.50 13.30	2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08	15 16 16 16 16 16	2100 0000 0300 0600 0900 1200 1500	1.37 1.32 1.36 1.38 1.34 1.57	11.10 12.50 11.70 11.70 11.70 15.30	2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08	26 26 26 26 27 27	1200 1500 1800 2100 0000 0300	1.82 1.67 1.78 1.74 1.87 2.03	12.50 11.70 11.70 13.30 13.30 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2000           2019         08         06         0000           2019         08         06         0300           2019         08         06         0600	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1	9.00 9.00 L1.70 L2.50 L2.50 L3.30 L2.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08	15 16 16 16 16 16 16	2100 0000 0300 0600 0900 1200 1500 1800	1.37 1.32 1.36 1.38 1.34 1.57 1.62	11.10 12.50 11.70 11.70 11.70 15.30 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08	26 26 26 27 27 27	1200 1500 1800 2100 0000 0300 0600	1.82 1.67 1.78 1.74 1.87 2.03 2.14	12.50 11.70 11.70 13.30 13.30 13.30 12.50
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       0900	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1	9.00 9.00 L1.70 L2.50 L2.50 L3.30 L2.50 L3.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 16	2100 0000 0300 0600 0900 1200 1500 1800 2100	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78	11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08	26 26 26 27 27 27 27	1200 1500 2100 0000 0300 0600 0900	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08	12.50 11.70 13.30 13.30 13.30 12.50 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0600           2019         08         06         0900           2019         08         06         1200	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1	9.00 9.00 11.70 12.50 13.30 12.50 13.30 12.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 16 16	2100 0000 0300 0600 0900 1200 1500 1800 2100 0000	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08	26 26 26 27 27 27 27 27 27	1200 1500 2100 0000 0300 0600 0900 1200	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31	12.50 11.70 11.70 13.30 13.30 13.30 12.50 13.30 13.30
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       0400         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1	9.00 9.00 L1.70 L2.50 L3.30 L2.50 L3.30 L2.50 L3.30 L3.30 L3.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 16 17 17	2100 0000 0300 0600 1200 1500 1800 2100 0000 0300	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.81	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08	26 26 26 27 27 27 27 27 27 27	1200 1500 2100 0000 0300 0600 0900 1200 1500	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0900           2019         08         06         1200           2019         08         06         1500           2019         08         06         1800	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1 1.88 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 16 17 17	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0600	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.81 1.91	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08	26 26 27 27 27 27 27 27 27 27	1200 1500 2100 0000 0300 0600 0900 1200 1500 1800	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 13.30 13.30 14.20
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1800         2019       08       06       1800         2019       08       06       1200	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1 1.88 1 1.86 1 1.70 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 17 17	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0600 0900	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.81 1.91 1.70	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08	26 26 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35	12.50 11.70 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 14.20 14.20
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1800         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       100         2019       0	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1 1.88 1 1.86 1 1.70 1 1.80 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 17 17 17 17	2100 0000 0300 0600 0900 1200 1500 1800 2100 0000 0300 0600 0900 1200	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.81 1.91 1.70 1.42	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08	26 26 26 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 0000999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 13.30 13.30 14.20 14.20 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       05       2100         2019       08       06       0300         2019       08       06       0600         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1800         2019       08       06       2100         2019       08       06       1500         2019       08       06       1800         2019       08       06       2100         2019       08       07       0000         2019       08       07       0300	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.92 1 1.86 1 1.86 1 1.70 1 1.80 1 1.59 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08	15 16 16 16 16 16 16 17 17 17 17 17	2100 0000 0300 0900 1200 1500 2100 0000 0300 0600 0900 1200 1500	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.81 1.91 1.70 1.42 1.40	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 14.20 13.30 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08	26 26 26 27 27 27 27 27 27 27 27 27 27 27 28 28	1200 1500 1800 2100 0300 0300 0900 1200 1500 1500 1800 2100 0000999 0300999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 13.30 13.30 14.20 14.20 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1800         2019       08       06       2100         2019       08       07       0000         2019       08       07       0300         2019       08       07       0300         2019       08       07       0600	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1 1.70 1 1.86 1 1.70 1 1.80 1 1.59 1 1.52 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 17 17 17 17 17 17 17	2100 0000 0300 0900 1200 1500 1800 0000 0300 0600 0900 1200 1500 1800	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.81 1.91 1.70 1.42 1.40 1.62	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08	26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 28 28 28	1200 1500 1800 2100 0300 0300 0900 1200 1500 1500 1800 2100 0000999 0300999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999 9.999	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 13.30 13.30 14.20 999.99 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       2100         2019       08       06       2000         2019       08       07       0000         2019       08       07       0300         2019       08       07       0600         2019       08       07       0600         2019       08       07       0600         2019       08       07       0600         2019       08       07       0600         2019       08       07       0600	1.36 1.56 1.86 1 2.36 1 2.12 1 2.16 1 2.27 1 1.92 1 2.12 1 1.88 1 1.88 1 1.80 1 1.50 1 1.59 1 1.52 1 1.60 1	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 7 17 7 17 7 1	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0900 1200 1500 1800 2100	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.91 1.70 1.42 1.40 1.62 1.51	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 28 28 28 28	1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 0000999 0300999 0600999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999 9.999	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       2100         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1600         2019       08       07       0000         2019       08       07       0300         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019       08       07       0400         2019	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.88\\ 1\\ 1.86\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.60\\ 1\\ 2.54 \end{array}$	9.00 9.00 11.70 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.10 11.10 11.70 11.70 11.70 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 7 17 7 17 7 1	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0600 0900 1200 1500 1500 1800 2100 0000	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.91 1.70 1.42 1.40 1.62 1.51 1.54	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 28 28 28 28 28	1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 000999 0300999 0300999 0300999 0300999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 99.999 99.999	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0900           2019         08         06         1200           2019         08         06         1500           2019         08         06         1500           2019         08         07         0000           2019         08         07         0000           2019         08         07         0300           2019         08         07         0600           2019         08         07         0600           2019         08         07         0200           2019         08         07         0200           2019         08         07         0200           2019         08         07         1200	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.88\\ 1\\ 1.86\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 2.54\\ 2.98\\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 7.10	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 7 7 7 7 7 7 7 17 7 18 8	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0900 1200 1500 1800 2100 0000 0300	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.42 1.51 1.54 1.30	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 28 28 28 28 28 28	1200 1500 1800 2100 0300 0600 1200 1200 1500 1800 2100 0300999 0300999 0300999 0300999 1200999 1200999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 99.999 99.999 99.999	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0900         2019       08       06       1200         2019       08       06       1200         2019       08       06       1500         2019       08       06       1800         2019       08       07       0000         2019       08       07       0300         2019       08       07       0300         2019       08       07       0400         2019       08       07       0200         2019       08       07       0200         2019       08       07       1200         2019       08       07       1200         2019       08       07       1500         2019       08       07       1800	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.86 \\ 1\\ 2.36 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.52 \\ 1\\ 1.60 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.75 \\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 77 77 77 77 11 18 8 18	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0300 0600	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.70 1.42 1.40 1.42 1.51 1.54 1.30 1.25	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1200 1500 1800 2100 0000999 0300999 0300999 0300999 0300999 1200999 1200999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         1200           2019         08         06         1200           2019         08         06         1500           2019         08         06         1800           2019         08         07         0000           2019         08         07         0300           2019         08         07         0300           2019         08         07         0300           2019         08         07         0400           2019         08         07         1200           2019         08         07         1500           2019         08         07         1800           2019         08         07         1800	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.86 \\ 1\\ 2.36 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.52 \\ 1\\ 1.60 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.75 \\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 7.10	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 77 77 77 77 11 7 18 8 8 18	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0300 0300 0300 0300 0900	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.42 1.51 1.54 1.30	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0300 0400 1200 1500 1800 2100 0000999 0600999 0600999 1200999 1200999 1200999 1200999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0600         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0300         2019       08       07       0600         2019       08       07       1200         2019       08       07       1500         2019       08       07       1800         2019       08       07       1200         2019	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.86 \\ 1\\ 2.36 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 1.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.52 \\ 1\\ 1.52 \\ 1\\ 2.98 \\ 1\\ 2.75 \\ 1\\ 2.87 \\ 1\\ 3.02 \\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 7.10 10.50 11.70 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 166 166 166 166 1677777777 11188 1888 1881 1111 111777 11188 11111 111111 111111 1111111 11111111	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0300 0300 0300 0400 0300 0400 0300	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 0000999 0600999 1200999	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 91.47	12.50 11.70 11.70 13.30 13.30 13.30 13.30 13.30 13.30 14.20 14.20 999.99 999.90 999.90 999.90 999.90 999.90 999.90 909.00 909.00 909.00 909.00 909.00 900.00 9
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         2100           2019         08         07         2100	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.86 \\ 1\\ 2.36 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 1.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.52 \\ 1\\ 1.60 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.75 \\ 1\\ 2.87 \\ 1\\ 3.02 \\ 1\\ 2.67 \\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 166 166 166 166 167777777788888811818888811111111111111	2100 0000 0300 0900 1200 1500 0300 0300 0400 1200 1500 1800 2100 0000 0300 0300 0300 0300 0300 03	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 13.30 14.20 11.70 13.30 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0000999 0600999 1200999 1200999 1200999 1200999 1200999 1200999 0600999 0000999 0000 0300	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 13.30 14.20 14.20 999.99 999.30 14.20 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0600           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         1800           2019         08         08         0000	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.20\\ 2.36\\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 1.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.60 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.67 \\ 1\\ 2.67 \\ 1\\ 2.68 \\ 1\end{array}$	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 17 77 77 78 88 88 81 88 81 81 81 81 81 81 81 81 81	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0000 0300 0300 0300 0300 0300 03	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0000999 0600999 1200999 1200999 1500999 1800999 1500999 1800999 0000 0300 0300	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 91.47	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.30 14.20 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         2100           2019         08         07         2100	$\begin{array}{c} 1.36\\ 1.56\\ 1.86 \\ 1.20\\ 2.36\\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 2.12 \\ 1\\ 1.27 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.92 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.88 \\ 1\\ 1.80 \\ 1\\ 1.59 \\ 1\\ 1.59 \\ 1\\ 1.52 \\ 1\\ 1.60 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.54 \\ 2.98 \\ 1\\ 2.67 \\ 1\\ 2.67 \\ 1\\ 2.68 \\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 17 77 77 78 88 88 81 88 81 81 81 81 81 81 81 81 81	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0000 0300 0300 0300 0300 0300 03	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 13.30 14.20 11.70 13.30 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0000999 0600999 1200999 1200999 1500999 1800999 1500999 1800999 0000 0300 0300	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 13.30 14.20 14.20 999.99 999.30 14.20 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         05         2100           2019         08         06         0000           2019         08         06         0600           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         1800           2019         08         08         0000	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 2.27\\ 1\\ 2.27\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.86\\ 1\\ 1.70\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.75\\ 1\\ 2.67\\ 1\\ 2.68\\ 1\\ 2.68\\ 1\\ 2.46\\ 1\end{array}$	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 77 77 77 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0300 0300 0300 0300 0300 0300 0500 1200 1200 1200	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.51 1.54 1.22 1.21 1.11 1.09	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 28 28 28 28 28 28 28 28 28 28 29 29 29 29	1200 1500 1800 2100 0300 0300 0900 1200 1500 1800 2100 900999 0600999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 0600999 0000 0300 0600 0900	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.08 2.31 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.999 9.147 1.68 1.53	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 999.99 999.30 14.20 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         08         0000	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.88\\ 1\\ 1.86\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.52\\ 1\\ 1.60\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.75\\ 1\\ 2.87\\ 1\\ 3.02\\ 1\\ 2.67\\ 1\\ 2.68\\ 1\\ 2.46\\ 1\\ 2.42\\ 1\end{array}$	9.00 9.00 1.70 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.10 11.10 11.70 11.70 11.70 11.70 11.70 11.70 13.30 14.20 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 16 16 16 17 77 77 77 78 88 88 88 88 11 88 88 11 11 11 11 11 11	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0900 1200 1500 1800 2100 0300 0300 0400 0300 0500 1200 1500 1500 1500 1500 1500 15	1.37 1.32 1.36 1.38 1.57 1.62 1.78 1.78 1.78 1.78 1.78 1.78 1.42 1.42 1.42 1.54 1.54 1.25 1.25 1.22 1.21 1.09 1.09 1.09	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 14.20 11.70 13.30 12.50 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 030099 030099 1200999 120000000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 1.47 1.68 1.53 1.40	12.50 11.70 11.70 13.30 13.30 13.30 13.30 13.30 14.20 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 11.10
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0000           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         1600           2019         08         08         0300           2019         08         08         0300	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.88\\ 1\\ 1.86\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 1.59\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.54\\ 1\\ 2.67\\ 1\\ 2.67\\ 1\\ 2.67\\ 1\\ 2.67\\ 1\\ 2.46\\ 1\\ 2.42\\ 1\\ 2.24\\ 1\end{array}$	9.00 9.00 11.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.30 12.50 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 16 16 16 17 77 77 77 78 88 88 88 88 88 99	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0500 1200 1500 1500 1500 1200 0300 0000 0300 0500 1200 1500 1500 1500 1500 1500 15	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.78 1.71 1.40 1.40 1.62 1.51 1.54 1.54 1.25 1.22 1.21 1.11 1.09 1.05 0.98	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	26 26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0300999 120000000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 99.999 91.47 1.68 1.53 1.40 1.32	12.50 11.70 13.30 13.30 12.50 13.30 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 13.30
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         000           2019         08         07         000           2019         08         07         0600           2019         08         07         1200           2019         08         07         1500           2019         08         07         1600           2019         08         08         0000           2019         08         08         0000 </td <td>1.36 1.56 1.86 1 2.36 1 2.12 1 2.12 1 2.27 1 1.92 1 1.92 1 1.88 1 1.80 1 1.59 1 1.52 1 1.60 1 2.54 2.98 1 2.54 2.87 1 3.02 1 2.67 1 2.67 1 2.68 1 2.42 1 2.42 1 1.92 1</td> <td>9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30</td> <td>2019 2019 2019 2019 2019 2019 2019 2019</td> <td>08 08 08 08 08 08 08 08 08 08 08 08 08 0</td> <td>15 16 16 16 16 16 16 16 17 77 77 77 8 8 8 8 8 8 8 8 8 8 9 9 9</td> <td>2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0500 1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 0000 0300 0000 0000 0000 0000 00</td> <td>1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00</td> <td>11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 14.20 14.20 13.30 12.50 13.30 12.50 13.30 11.70 10.50</td> <td>2019 2019 2019 2019 2019 2019 2019 2019</td> <td>08 08 08 08 08 08 08 08 08 08 08 08 08 0</td> <td><math display="block">\begin{array}{c} 26\\ 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29</math></td> <td>1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0000999 1200900 12000 12000 12000 12000 12000 12000 12000 12000 12000</td> <td>1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 1.47 1.63 1.40 1.32 1.47</td> <td>12.50 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 11.10 11.70 12.50</td>	1.36 1.56 1.86 1 2.36 1 2.12 1 2.12 1 2.27 1 1.92 1 1.92 1 1.88 1 1.80 1 1.59 1 1.52 1 1.60 1 2.54 2.98 1 2.54 2.87 1 3.02 1 2.67 1 2.67 1 2.68 1 2.42 1 2.42 1 1.92 1	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15 16 16 16 16 16 16 16 17 77 77 77 8 8 8 8 8 8 8 8 8 8 9 9 9	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0500 1200 1500 1800 2100 0300 0600 0900 1200 1500 1800 2100 0000 0300 0000 0000 0000 0000 00	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 14.20 14.20 13.30 12.50 13.30 12.50 13.30 11.70 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	$\begin{array}{c} 26\\ 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29$	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0000999 1200900 12000 12000 12000 12000 12000 12000 12000 12000 12000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 99.999 99.999 1.47 1.63 1.40 1.32 1.47	12.50 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 11.10 11.70 12.50
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2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         000           2019         08         07         0300           2019         08         07         0900           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         08         0300<	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.27\\ 1\\ 1.88\\ 1\\ 1.27\\ 1\\ 1.88\\ 1\\ 1.88\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.80\\ 1\\ 1.59\\ 1\\ 1.52\\ 1\\ 1.52\\ 1\\ 1.52\\ 1\\ 1.52\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.67\\ 1\\ 2.68\\ 1\\ 2.67\\ 1\\ 2.68\\ 1\\ 2.46\\ 1\\ 2.46\\ 1\\ 2.46\\ 1\\ 2.42\\ 1\\ 2.42\\ 1\\ 1.92\\ 1\\ 1.71\\ 1\\ 1.47\\ 1\end{array}$	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.70 11.70 11.70 11.70 11.70 12.50 13.30 12.50 13.30 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156666667777777788888888999999111	2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1800 2100 0000 0300 0600 0900 1200 1500 1200 1500 1200 0000 0300 0000 0300 0000 1200	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.51 1.54 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06	11.10 12.50 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 15.30 14.20 15.30 14.20 15.30 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.250 13.30 12.50 13.30 11.70 13.30 12.50 13.30 11.70 13.30 12.50 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 13.30 11.70 10.50 12.50 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	$\begin{array}{c} 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 30\\ \end{array}$	1200 1500 1800 2100 0300 0300 0900 1200 1500 1800 2100 0000999 0600999 1200990 120000000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 9.999 1.47 1.68 1.53 1.40 1.41	12.50 11.70 13.30 13.30 13.30 13.30 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 13.30 11.10
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0900           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0000           2019         08         07         0000           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         08         0000	1.36 1.56 1.86 1 2.36 1 2.12 1 2.12 1 2.27 1 1.92 1 1.88 1 1.88 1 1.86 1 1.70 1 1.80 1 1.59 1 1.52 1 1.52 1 1.52 1 1.52 4 2.98 1 2.67 1 2.68 1 2.68 1 2.46 1 2.46 1 2.42 1 1.92 1 1.92 1 1.71 1 1.47 1 1.27 1	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 11.10 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156666667777777888888889999999111	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0000 0300 0600 0900 1200 1500 1800 2100 0000 0300 0000 1200 1500	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.54 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06 1.10	11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 15.30 14.250 13.30 12.50 13.30 11.70 13.30 13.70 1	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	$\begin{array}{c} 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 30\\ 3\end{array}$	1200 1500 1800 2100 0300 0500 1200 1500 1800 2100 0000999 0300999 1200990 120000 00000 1200 000000 12000 00000 000000 0000000 00000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 9.999 1.47 1.68 1.53 1.40 1.47	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 11.10 12.50 11.10 12.50
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0900           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         1200           2019         08         07         1200           2019         08         08         0300           2019         08         08         0300           2019         08         08         0400	1.36 1.56 1.86 1 2.36 1 2.12 1 2.12 1 2.27 1 1.92 1 2.12 1 1.92 1 1.92 1 1.88 1 1.88 1 1.80 1 1.59 1 1.52 1 1.60 1 2.54 2.98 1 2.75 1 2.67 1 2.68 1 2.46 1 2.46 1 2.42 1 2.24 1 1.92 1 1.71 1 1.27 1 1.47 1 1.27 1 1.32 1	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 11.10 11.70	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156116666777777778888888899999999119	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1800 2100 0000 0900 1200 1500 1800 2100 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0600 0300 0 0300 000000	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06 1.10	11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 11.70 10.50 12.50 11.70 8.30 7.10	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08	$\begin{array}{c} 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 30\\ 30\\ \end{array}$	1200 1500 1800 2100 0300 0500 1200 1500 1800 2100 000099 060099 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200990 1200999 1200999 1200990 1200990 1200990 1200990 120090 12000 00000 00000 00000 00000 00000 000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 9.999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.47	12.50 11.70 13.30 13.30 13.30 13.30 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 11.10 12.50 11.10 12.50 11.70
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         1600           2019         08         07         1500           2019         08         08         0300           2019         08         08         0400           2019         08         08         0400	$\begin{array}{c} 1.36\\ 1.56\\ 1.86\\ 1.86\\ 1\\ 2.36\\ 1\\ 2.12\\ 1\\ 2.12\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 2.27\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.88\\ 1\\ 1.86\\ 1\\ 1.70\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.80\\ 1\\ 1.52\\ 1\\ 1.60\\ 1\\ 2.54\\ 2.98\\ 1\\ 2.68\\ 1\\ 2.68\\ 1\\ 2.42\\ 1\\ 2.24\\ 1\\ 1.92\\ 1\\ 1.92\\ 1\\ 1.71\\ 1\\ 1.27\\ 1\\ 1.27\\ 1\\ 1.27\\ 1\\ 1.22\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1\\ 1\\ 1.26\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\ 1\\$	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 12.50 13.30 14.20 15.50 11.10 11.70 12.50 13.30 14.20 13.30 14.20 15.50 11.10 11.70 12.50 13.30 14.20 15.50 11.70 12.50 11.70 12.50 11.70 12.50 13.30 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156666667777777788888888999999999111	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1200 1500 1200 1200 1200 12	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06 1.10 1.13 1.14	11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 11.70 8.30 7.10 8.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	$\begin{array}{c} 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29$	1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 000999 030999 030999 1200990 120000 120000 120000 120000000000	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.03 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 9.999 1.47 1.68 1.53 1.40 1.32 1.40 1.32 1.47 1.43 1.40 1.47 1.43 1.47 1.66	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 14.20 11.20 12.50 11.70 11.70
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0000           2019         08         07         0300           2019         08         07         0600           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         08         0300	1.36 1.56 1.86 1.86 1.86 1.20 1.21 1.21 1.22 1 1.92 1 1.92 1 1.88 1 1.70 1 1.80 1 1.52 1 1.60 1 2.54 2.98 1 2.67 1 2.67 1 1.52 1 1.60 1 2.54 2.98 1 2.67 1 2.67 1 1.52 1 1.60 1 2.54 2.98 1 2.68 1 2.46 1 2.46 1 1.52 1 1.60 1 2.54 2.87 1 2.68 1 2.68 1 2.46 1 2.42 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.27 1 1.80 1 1.52 1 1.60 1 2.54 2.87 1 2.68 1 2.46 1 1.262 1 2.27 1 1.267 1 2.68 1 2.68 1 1.52 1 2.68 1 1.268 1 1.261 1 2.68 1 1.262 1 1.262 1 1.262 1 1.267 1 2.68 1 1.262 1 1.262 1 2.68 1 1.262 1 1.268 1 2.24 1 1.268 1 1.266 1 1.268 1 1.268 1 1.268 1 1.268 1 1.268 1 1.268 1 1.268 1 1.266 1 1.268 1 1.268 1 1.266 1 1.268 1.2688 1.2688 1.2688 1.2688 1.2688 1.2688 1.2688 1.2688 1.26	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 13.30 14.20 10.50 11.10 11.70 11.70 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.00 11.70 11.00 10.50 11.00 10.50 11.00 10.50 11.00 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	1566666677777777888888889999999990	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0400 1200 1500 1800 2100 0300 0400 0300 0500 1200 1500 1500 1500 1500 1500 15	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.17	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 11.70 8.30 7.10 8.30 8.30	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08	$\begin{array}{c} 26\\ 26\\ 27\\ 27\\ 27\\ 27\\ 27\\ 27\\ 28\\ 28\\ 28\\ 28\\ 28\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 29\\ 30\\ 30\\ 30\\ 30\\ \end{array}$	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 000999 030999 030999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 12000 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.47 1.47 1.60 1.48	12.50 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 12.50 11.10 11.70 11.10 11.10 11.70 11.10 11
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0300         2019       08       07       0600         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       08       0000         2019       08       08       0000         2019	1.36 1.56 1.86 1.86 1.20 1.21 2.12 1.22 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.92 1.0 1.88 1.88 1.86 1.59 1.60 1.50	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 12.50 13.30 12.50 11.70 11.70 12.50 11.70 12.50 11.70 12.50 11.70 11.70 11.70 11.70 11.70 11.70 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15666666777777788888888999999999000	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0500 1200 1500 1500 1500 1500 1500 15	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.17 1.29	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 13	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08	$\begin{array}{c} 26\\ 226\\ 277\\ 277\\ 277\\ 277\\ 2222$	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 0300999 12000 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.43 1.40 1.47 1.60 1.48 1.51	12.50 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 11.10 12.50 12.50 12.50 12.50 11.10 12.50 11.70 11.70 11.70 11.70 11.70 11.70
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0300         2019       08       07       0900         2019       08       07       1200         2019       08       07       1500         2019       08       07       1200         2019       08       08       0300         2019       08       08       0300         2019       08       08       0000         2019	1.36 1.56 1.86 1.86 1.86 1.20 1.21 2.12 1.21 1.92 1.52 1.52 1.52 1.52 1.52 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.55 1.60 1.60 1.55 1.60 1.55 1.60 1.60 1.55 1.55	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 7.10 10.50 11.70 12.50 13.30 14.20 10.50 11.10 10.50 11.70 10.50 11.70 10.50 11.70 10.50 11.70 10.50 11.70 10.50 11.70 10.50 11.70 10.50 11.70 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.50 10.00 9.00 9.00 9.00 10.00	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156666667777777888888899999999990000	2100 0000 0300 0900 1200 1500 1800 2100 0300 0300 0500 1200 1500 1800 2100 0300 0500 1200 1500 1800 2100 0300 0500 1200 1500 1800 2100 0300 0500 1200 0300 0500 0500 0500 0500 0500 0500 0	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.40 1.42 1.40 1.62 1.51 1.51 1.51 1.54 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06 1.10 1.13 1.14 1.17 1.29 1.41 1.52	11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 14.20 14.20 15.30 12.50 13.30 12.50 13.30 11.70 8.30 7.10 8.30 13.30 13.30 12.50 13.30 13.50	2019 2019 2019 2019 2019 2019 2019 2019	$egin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 26\\ 226\\ 277\\ 277\\ 277\\ 277\\ 277\\ 228\\ 288\\ 228\\ 229\\ 299\\ 299\\ 299\\ 300\\ 300\\ 30\\ 30\\ 30\\ 30\\ 30\\$	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 000999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 12000 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 99.999 1.47 1.68 1.40 1.47 1.43 1.40 1.47 1.47 1.68 1.51 1.68 1.48	12.50 11.70 13.30 13.30 13.30 12.50 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 11.70 12.50 11.70 11.70 11.70 11.70 11.10 11.70 11.10 11.10 11.10
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0000           2019         08         07         0000           2019         08         07         0600           2019         08         07         0600           2019         08         07         1500           2019         08         07         1600           2019         08         08         0600           2019         08         08         0600           2019         08         08         1200	1.36 1.56 1.86 1.86 1.86 1.20 1.21 2.12 1.21 1.92 1.88 1.80 1.59 1.52 1.53 1.54 1.53 1.55	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 7.10 10.50 11.70 12.50 13.30 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 12.50 11.70 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15666666777777778888888899999999990000000000	2100 0000 0300 0900 1200 1500 1800 2100 0300 0500 1200 1500 1500 1500 1200 0300 0600 0900 1200 1500 1500 1200 0300 0600 0900 1200 1500 1800 2100 0000 0300 0500 0900 1200 0000 0300 0000 0300 0000 0000 00	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.06 1.10 1.13 1.14 1.17 1.29 1.41	11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 14.20 15.30 14.20 15.30 14.20 15.30 14.20 15.30 14.20 13.30 12.50 13.30 12.50 11.70 8.30 8.30 8.30 13.30 12.50	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	$\begin{array}{c} 26\\ 226\\ 277\\ 277\\ 277\\ 277\\ 277\\ 288\\ 288\\ 288\\ 22229\\ 299\\ 299\\ 299\\ 300\\ 300\\ 300\\ 30\\ 30\\ 30\\ 3$	1200 1500 1800 2100 0300 0300 1200 1200 1500 1800 2100 030099 030099 030099 120099 120099 120099 120099 120099 120099 120099 120099 120099 120099 120099 120099 120099 12000 0300 0300 0300 0300 0300 0300 030	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.999 9.999 9.999 9.999 9.999 9.999 1.47 1.63 1.40 1.32 1.40 1.42 1.47 1.60 1.48 1.51 1.68	12.50 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 12.50 11.70 12.50 11.70 11.70 11.10
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0000         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       08       0000         2019       08       08       00000         2019 <td< td=""><td>1.36 1.56 1.86 1.86 1.86 1.20 1.21 2.12 1 2.12 1 1.27 1 1.27 1 1.88 1 1.80 1 1.59 1 1.52 1 1.52 1 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0</td><td>1566666677777777888888889999999990000000000</td><td>2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0300 0600 0900 1200 1500 1200 1500 1200 1500 1200 0300 0300 0300 0300 0300 0300 03</td><td>1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.13 1.14 1.10 1.13 1.14 1.17 1.29 1.41 1.52 1.46 1.30</td><td>11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 14.20 13.30 14.20 14.20 15.30 14.20 13.30 12.50 13.30 11.70 8.30 7.10 8.30 13.30 12.50</td><td>2019 2019 2019 2019 2019 2019 2019 2019</td><td><math display="block">\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\</math></td><td><math display="block">\begin{array}{c} 26622772772222222222</math></td><td>1200 1500 1800 2100 0300 0300 1200 1500 1800 2100 000999 0300999 0000999 12000 0300 0300 0900 1200 1500 1500 1500 1500 1500 1500 15</td><td>1.82 1.67 1.78 1.74 1.87 2.03 2.14 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2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       05       2100         2019       08       06       0000         2019       08       06       0300         2019       08       06       0900         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0000         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       08       0000         2019       08       08       0000         2019       08       08       0000         2019	1.36 1.56 1.86 1.86 1.20 1.21 2.12 1 2.12 1 2.27 1 1.27 1 1.27 1 1.88 1 1.80 1 1.59 1 1.52 1 1.52 1 1.52 1 2.54 2.98 1 2.67 1 2.67 1 2.68 1 2.67 1 2.68 1 2.67 1 2.68 1 2.67 1 2.68 1 2.66 1 2.67 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 1.52 1 2.68 1 2.67 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.26 1 1.27 1 1.52 1 1.267 1 1.268 1 1.27 1 1.27 1 1.27 1 1.32 1 1.33 1.47 1 1.37 1 1.37 1 1.36 1 1.37 1 1.36 1 1.37 1 1.36 1 1.37 1 1.36 1 1.37 1 1.36 1 1.37 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 1.55 1.56	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 15.50 11.10 10.50 11.70 10.50 11.70 10.50 11.00 10.50 11.00 10.50 11.00 10.50 11.00 10.50 11.00 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156616666777777777888888889999999990000000000	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0000 0300 0900 1200 1500 1200 1500 1200 1500 1200 1500 1200 1500 1200 0000 0300 0600 0300 0600 0300 0600 0300 0300 0500 1200 1500 1200 1500 1200 1500 15	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.70 1.42 1.70 1.42 1.40 1.62 1.51 1.54 1.54 1.54 1.54 1.51 1.54 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.13 1.14 1.17 1.29 1.41 1.52 1.46 1.30 1.25	11.10 12.50 11.70 11.70 11.70 15.30 14.20 14.20 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 15.30 12.50 13.30 12.50 13.30 11.70 8.30 7.10 8.30 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 11.70 8.30 7.10 8.30 12.50 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 1	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	$\begin{array}{c} 26622777777227222222$	1200 1500 1800 2100 0300 0300 0500 1200 1500 1800 2100 000099 000099 120090 1200 120	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.9999 9.9999 9.9999 9.9999 9.9999 1.47 1.68 1.53 1.40 1.47 1.43 1.40 1.47 1.61 1.48 1.51 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.43 1.40 1.47 1.61 1.48 1.51 1.61 1.48 1.78 1.78	12.50 11.70 11.70 13.30 13.30 12.50 13.30 13.30 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 11.10 12.50 11.70 11.70 11.10 12.50 11.70 11.250 11.70 11.70 11.70 11.70 11.250 11.7
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0300           2019         08         07         0300           2019         08         07         0600           2019         08         07         0600           2019         08         07         0600           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         07         1200           2019         08         08         0000	1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1.22 1.22 1.92 1.92 1.92 1.92 1.88 1.86 1.70 1.80 1.52 1.80 1.52 1.60 1.52 1.53 1.54 1.52 1.52 1.53 1.54 1.52 1.53 1.54 1.52 1.53 1.54 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.57 1.53 1.44 1.36 1.61 1.61 1.82 1.58	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.10 11.70 11.50 13.30 14.20 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15666666777777777888888889999999990000000000	2100 0000 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1800 2100 0300 0900 1200 1500 1200 1500 1200 1200 1200 12	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.30 1.25 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.17 1.29 1.41 1.52 1.46 1.30	11.10 12.50 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 13.30 14.20 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.70 8.30 7.10 8.30 7.10 8.30 12.50 13.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 8.30 12.50 11.70 12.50 11.70 12.50 11.70 12.5	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0300 1200 1500 1800 2100 0300 900999 120000 0300 0600 0900 1200 1200 1200 1200 1200 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 99.999 99.999 99.999 99.999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.68 1.51 1.68 1.47 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.51 1.68 1.78 1.78 1.78 1.97	12.50 11.70 11.70 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 12.50 11.70
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0600         2019       08       07       0600         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       08       0000         2019       08       08       00000         2019 <td< td=""><td>1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1.22 1.92 1.92 1.92 1.92 1.88 1.86 1.70 1.80 1.52 1.60 1.52 1.52 1.60 1.52 1.53 1.54 1.52 1.53 1.53 1.54 1.57 1.53 1.55 1.53 1.55</td><td>9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 10.50</td><td>2019 2019 2019 2019 2019 2019 2019 2019</td><td>08 08 08 08 08 08 08 08 08 08 08 08 08 0</td><td>156666667777777788888888899999999990000000000</td><td>2100 0000 0300 0900 1200 1500 1500 0300 0300 0500 1200 1500 1200 1500 1200 1200 12</td><td>1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.54 1.54 1.54 1.52 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.52 1.41 1.52 1.24 1.33</td><td>11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 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1.43 1.40 1.47 1.68 1.47 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.47 1.68 1.47 1.68 1.51 1.68 1.47 1.68 1.51 1.68 1.51 1.68 1.78 1.97 1.99</td><td>12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 12.50 11.10 12.50 11.70 11.70 11.70 11.70 11.70 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11</td></td<>	1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1.22 1.92 1.92 1.92 1.92 1.88 1.86 1.70 1.80 1.52 1.60 1.52 1.52 1.60 1.52 1.53 1.54 1.52 1.53 1.53 1.54 1.57 1.53 1.55 1.53 1.55	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	156666667777777788888888899999999990000000000	2100 0000 0300 0900 1200 1500 1500 0300 0300 0500 1200 1500 1200 1500 1200 1200 12	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.54 1.54 1.54 1.52 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.52 1.41 1.52 1.24 1.33	11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.70 8.30 8.30 13.30 12.50 11.70 10.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.50 13.30 13.50 15.50 15.50 15.50 15.50 15.50 15.50 15.5	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 000999 030999 0600999 12000 0300 0600 0900 1200 1500 1200 1500 1200 1200 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.9999 9.9999 9.9999 9.9999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.68 1.47 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.47 1.68 1.47 1.68 1.51 1.68 1.47 1.68 1.51 1.68 1.51 1.68 1.78 1.97 1.99	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 12.50 11.10 12.50 11.70 11.70 11.70 11.70 11.70 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11
2019         08         05         1200           2019         08         05         1500           2019         08         05         1800           2019         08         05         2100           2019         08         06         0000           2019         08         06         0300           2019         08         06         0400           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         06         1200           2019         08         07         0000           2019         08         07         0600           2019         08         07         0600           2019         08         07         0600           2019         08         07         1600           2019         08         07         1600           2019         08         07         1600           2019         08         08         1000           2019         08         08         1200	1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1.21 1.92 1.92 1.92 1.92 1.92 1.88 1.88 1.86 1.70 1.80 1.52 1.80 1.52 1.60 1.52 1.52 1.60 1.52 1.60 1.52 1.55	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 12.50 13.30 14.20 13.30 12.50 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15666666777777778888888899999999990000000000	2100 0000 0300 0900 1200 1500 1500 0000 0000 0000 1200 1500 1500 1500 1500 1500 1500 1500 1200 0300 0900 1200 1500 1200 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00000	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.30 1.25 1.22 1.21 1.09 1.05 0.98 1.00 1.18 1.06 1.10 1.13 1.14 1.57 1.29 1.41 1.52 1.43 1.25 1.24 1.33 1.08	11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.70 10.50 12.50 12.50 12.50 12.50 12.50 12.50 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.50 13.30 13.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15.50 15	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	26 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1200 1500 1800 2100 0300 0600 1200 1500 1800 2100 000999 030999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 1200999 12000 1200 12	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.9999 9.9999 9.9999 9.9999 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.68 1.51 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.78 1.68 1.78 1.68 1.78 1.97 1.99 1.73	12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 11.10 12.50 11.10 12.50 11.70 11.70 11.70 11.10 11.70 11.10 11.70 11.10 1
2019       08       05       1200         2019       08       05       1500         2019       08       05       1800         2019       08       06       0000         2019       08       06       0300         2019       08       06       0400         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       06       1200         2019       08       07       0000         2019       08       07       0600         2019       08       07       0600         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       07       1200         2019       08       08       0000         2019       08       08       00000         2019 <td< td=""><td>1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1 2.12 1 1.92 1 1.92 1 1.88 1 1.80 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 2.54 2.87 1 2.67 1 1.52 1 1.52 1 1.60 1 2.67 1 2.67 1 1.25 1 1.60 1 2.67 1 2.67 1 1.25 1 1.26 1 1.52 1 1.26 1 1.25 1 1.26 1 1.27 1 1.27 1 1.27 1 1.27 1 1.27 1 1.26 1 1.26 1 1.27 1 1.26 1 1.33 1.44 1.37 1 1.66 1 1.85 1 1.85 1 1.84 1 1.85 1 1.84 1 1.85 1 1.85 1 1.84 1 1.85 1.85</td><td>9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 10.50</td><td>2019 2019 2019 2019 2019 2019 2019 2019</td><td>08 08 08 08 08 08 08 08 08 08 08 08 08 0</td><td>15666666777777778888888899999999990000000000</td><td>2100 0000 0300 0900 1200 1500 1500 1800 2100 0000 0900 1200 1500 1800 2100 0000 0300 0600 01200 1500 1200 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000</td><td>1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.54 1.54 1.54 1.52 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.52 1.41 1.52 1.24 1.33</td><td>11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.70 8.30 8.30 13.30 12.50 11.70 10.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.50 13.30 13.50 15.50 15.50 15.50 15.50 15.50 15.50 15.5</td><td>2019 2019 2019 2019 2019 2019 2019 2019</td><td><math display="block">\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\</math></td><td>26667777777222222222222222222222222222</td><td>1200 1500 1800 2100 0000 0300 0600 1200 1500 1800 2100 000999 1200990 1200 1</td><td>1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.9999 9.9999 9.9999 9.9999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.68 1.47 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.47 1.68 1.47 1.68 1.51 1.68 1.47 1.68 1.51 1.68 1.51 1.68 1.78 1.97 1.99</td><td>12.50 11.70 13.30 13.30 13.30 12.50 13.30 13.30 14.20 14.20 14.20 999.99 999.99 999.99 999.99 999.99 999.99 999.99 999.99 14.20 13.30 11.10 12.50 11.10 12.50 11.70 11.70 11.70 11.70 11.70 11.70 11.10 11.70 11.10 11.70 11.10 11.70 11.10 11</td></td<>	1.36 1.36 1.56 1.86 1.86 1.20 1.21 2.12 1 2.12 1 1.92 1 1.92 1 1.88 1 1.80 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 1.59 1 2.54 2.87 1 2.67 1 1.52 1 1.52 1 1.60 1 2.67 1 2.67 1 1.25 1 1.60 1 2.67 1 2.67 1 1.25 1 1.26 1 1.52 1 1.26 1 1.25 1 1.26 1 1.27 1 1.27 1 1.27 1 1.27 1 1.27 1 1.26 1 1.26 1 1.27 1 1.26 1 1.33 1.44 1.37 1 1.66 1 1.85 1 1.85 1 1.84 1 1.85 1 1.84 1 1.85 1 1.85 1 1.84 1 1.85 1.85	9.00 9.00 1.70 12.50 12.50 13.30 12.50 13.30 12.50 11.10 12.50 11.10 11.70 11.10 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.70 11.50 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 13.30 14.20 10.50	2019 2019 2019 2019 2019 2019 2019 2019	08 08 08 08 08 08 08 08 08 08 08 08 08 0	15666666777777778888888899999999990000000000	2100 0000 0300 0900 1200 1500 1500 1800 2100 0000 0900 1200 1500 1800 2100 0000 0300 0600 01200 1500 1200 00000 0000 0000 0000 0000 0000 0000 0000 0000 0000	1.37 1.32 1.36 1.38 1.34 1.57 1.62 1.78 1.78 1.78 1.78 1.70 1.42 1.70 1.42 1.51 1.54 1.54 1.54 1.54 1.52 1.22 1.21 1.11 1.09 1.05 0.98 1.00 1.18 1.00 1.13 1.14 1.52 1.41 1.52 1.24 1.33	11.10 12.50 11.70 11.70 11.70 15.30 14.20 15.30 15.30 15.30 15.30 14.20 13.30 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 14.20 13.30 14.20 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 13.30 12.50 11.70 8.30 8.30 13.30 12.50 11.70 10.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.30 13.50 13.30 13.50 15.50 15.50 15.50 15.50 15.50 15.50 15.5	2019 2019 2019 2019 2019 2019 2019 2019	$\begin{array}{c} 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\ 08\\$	26667777777222222222222222222222222222	1200 1500 1800 2100 0000 0300 0600 1200 1500 1800 2100 000999 1200990 1200 1	1.82 1.67 1.78 1.74 1.87 2.03 2.14 2.25 2.03 2.35 9.9999 9.9999 9.9999 9.9999 1.47 1.68 1.53 1.40 1.32 1.47 1.43 1.40 1.47 1.68 1.47 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.48 1.68 1.47 1.68 1.47 1.68 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2019 09 01 0000	1.54 10.50	2019 09 11 1200	0.98 13.30	2019 09 22 0000	1.43 9.00
2019 09 01 0300	1.43 11.10	2019 09 11 1500	1.03 12.50	2019 09 22 0300	1.55 10.00
2019 09 01 0600	1.36 11.10	2019 09 11 1800	1.10 12.50	2019 09 22 0600	1.63 11.70
2019 09 01 0900	1.40 11.10	2019 09 11 2100	1.01 13.30	2019 09 22 0900	1.86 11.70
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2019 09 01 1500	1.38 11.10	2019 09 12 0300	1.06 11.70	2019 09 22 1500	1.94 12.50
2019 09 01 1800	1.51 11.10	2019 09 12 0600	1.05 12.50	2019 09 22 1800	1.92 10.00
2019 09 01 2100	1.54 11.10	2019 09 12 0900	1.11 11.10	2019 09 22 2100	1.79 10.50
2019 09 02 0000	1.66 11.70	2019 09 12 1200	1.36 11.10	2019 09 23 0000	1.77 14.20
2019 09 02 0300	1.67 11.70	2019 09 12 1500	1.75 10.00	2019 09 23 0300	1.50 13.30
2019 09 02 0600	1.65 13.30	2019 09 12 1800	1.92 10.00	2019 09 23 0600	1.55 13.30
2019 09 02 0900	1.56 12.50	2019 09 12 2100	1.76 10.50	2019 09 23 0900	1.47 13.30
2019 09 02 1200	1.61 12.50	2019 09 13 0000	1.62 10.00	2019 09 23 1200	1.47 13.30
2019 09 02 1500	1.59 12.50	2019 09 13 0300	1.68 11.10	2019 09 23 1500	1.28 13.30
2019 09 02 1800 2019 09 02 2100	1.75 11.70 1.57 12.50	2019 09 13 0600 2019 09 13 0900	1.53 11.70 1.49 11.10	2019 09 23 1800 2019 09 23 2100	1.30 13.30 1.30 12.50
2019 09 02 2100	1.51 13.30	2019 09 13 0900	1.26 11.10	2019 09 23 2100	1.21 11.10
2019 09 03 0300	1.35 12.50	2019 09 13 1200	1.05 11.70	2019 09 24 0300	1.28 11.70
2019 09 03 0600	1.40 12.50	2019 09 13 1800	1.04 11.70	2019 09 24 0600	1.09 12.50
2019 09 03 0900	1.17 12.50	2019 09 13 2100	0.92 11.70	2019 09 24 0900	1.09 12.50
2019 09 03 1200	1.42 11.70	2019 09 14 0000	0.84 11.70	2019 09 24 1200	1.10 11.70
2019 09 03 1500	1.24 12.50	2019 09 14 0300	0.80 10.00	2019 09 24 1500	1.15 11.70
2019 09 03 1800	1.33 11.70	2019 09 14 0600	0.82 11.10	2019 09 24 1800	1.08 12.50
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2019 09 05 1300	1.00 10.00	2019 09 16 0500	1.79 14.20	2019 09 26 1800	0.76 13.30
2019 09 05 2100	0.93 11.70	2019 09 16 0900	1.85 12.50	2019 09 26 2100	0.63 13.30
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2019 09 06 0600	0.81 11.70	2019 09 16 1800	1.70 13.30	2019 09 27 0600	0.76 12.50
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2019 09 06 1200	0.71 11.70	2019 09 17 0000	1.52 12.50	2019 09 27 1200	0.70 13.30
2019 09 06 1500	0.65 11.10	2019 09 17 0300	1.44 12.50	2019 09 27 1500	0.72 13.30
2019 09 06 1800	0.56 11.70	2019 09 17 0600	1.32 11.70	2019 09 27 1800	0.74 11.70
2019 09 06 2100	0.49 11.70	2019 09 17 0900	1.24 11.10	2019 09 27 2100	0.78 11.70
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2019 09 07 0600	0.38 11.10	2019 09 17 1800	1.23 11.10	2019 09 28 0600	0.86 11.70
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2019 09 07 1200	0.47 10.50	2019 09 18 0000	1.06 11.10	2019 09 28 1200	0.86 15.30
2019 09 07 1500 2019 09 07 1800	0.36 10.50 0.33 11.10	2019 09 18 0300 2019 09 18 0600	0.96 11.10 0.85 11.10	2019 09 28 1500 2019 09 28 1800	0.83 14.20 0.85 14.20
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2019 09 08 0600	0.47 10.00	2019 09 18 1800	0.77 10.50	2019 09 29 0600	0.83 12.50
2019 09 08 0900	0.58 10.00	2019 09 18 2100	0.88 10.50	2019 09 29 0900	1.02 13.30
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2019 09 08 1500	0.62 10.00	2019 09 19 0300	0.64 10.50	2019 09 29 1500	1.36 13.30
2019 09 08 1800	0.53 10.50	2019 09 19 0600	0.76 9.00	2019 09 29 1800	1.35 12.50
2019 09 08 2100	0.64 10.00	2019 09 19 0900	0.66 10.50	2019 09 29 2100	1.12 12.50
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2019 09 09 1800	1.42 15.30	2019 09 20 0600	0.82 7.60	2019 09 30 1800	0.92 11.10
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2019 09 10 0900	1.31 13.30	2019 09 20 2100	1.03 11.70	2019 10 01 0900	0.77 10.50
2019 09 10 1200	1.48 14.20	2019 09 21 0000	1.04 12.50	2019 10 01 1200	0.81 11.10
2019 09 10 1800	1.38 13.30	2019 09 21 0600	1.14 8.30	2019 10 01 1800	0.81 10.50
2019 09 10 2100	1.12 14.20	2019 09 21 0900	1.18 8.30	2019 10 01 2100	0.83 10.50
2019 09 11 0000	1.15 12.50	2019 09 21 1200	1.50 9.00	2019 10 02 0000	0.84 10.50
2019 09 11 0300	1.11 12.50	2019 09 21 1500	1.44 8.30	2019 10 02 0300	0.86 11.10
2019 09 11 0600	1.12 13.30	2019 09 21 1800	1.43 13.30	2019 10 02 0600	1.00 15.30

2019 10 02 0900 1.14 14.20	2019 10 12 21009999.999999.99	2019 10 23 0900 0.88 10.00
2019 10 02 1200 0.85 13.30	2019 10 13 00009999.999999.99	2019 10 23 1200 1.09 10.00
2019 10 02 1500 0.93 13.30	2019 10 13 03009999.999999.99	2019 10 23 1500 0.97 10.00
2019 10 02 1800 0.86 14.20	2019 10 13 06009999.999999.99	2019 10 23 1800 1.01 10.00
2019 10 02 2100 0.86 12.50	2019 10 13 09009999.999999.99	2019 10 23 2100 1.04 10.00
2019 10 03 0000 0.82 12.50	2019 10 13 12009999.999999.99	2019 10 24 0000 0.99 7.60
2019 10 03 0300 0.73 12.50	2019 10 13 15009999.999999.99	2019 10 24 0300 0.92 7.60
2019 10 03 0600 0.77 12.50	2019 10 13 18009999.999999.99	2019 10 24 0600 0.88 10.00
2019 10 03 0900 0.75 12.50	2019 10 13 21009999.999999.99	2019 10 24 0900 0.88 10.00
2019 10 03 1200 0.74 11.70	2019 10 14 00009999.999999.99	2019 10 24 1200 0.80 9.00
2019 10 03 1500 0.71 11.70	2019 10 14 03009999.999999.99	2019 10 24 1500 0.88 9.00
2019 10 03 1800 0.81 6.20	2019 10 14 06009999.999999.99	2019 10 24 1800 1.22 10.00
2019 10 03 2100 0.77 11.70	2019 10 14 09009999.999999.99	2019 10 24 2100 1.11 7.60
2019 10 04 00009999.999999.99	2019 10 14 12009999.999999.99	2019 10 25 0000 1.41 10.00
2019 10 04 03009999.999999.99	2019 10 14 15009999.999999.99	2019 10 25 0300 1.73 10.00
2019 10 04 06009999.999999.99	2019 10 14 18009999.999999.99	2019 10 25 0600 1.78 11.10
2019 10 04 09009999.999999.99	2019 10 14 21009999.999999.99	2019 10 25 0900 1.47 11.10
2019 10 04 12009999.999999.99	2019 10 15 00009999.999999.99	2019 10 25 1200 1.48 11.70
2019 10 04 15009999.999999.99	2019 10 15 03009999.999999.99	2019 10 25 1500 1.38 13.30
2019 10 04 18009999.999999.99	2019 10 15 06009999.999999.99	2019 10 25 1800 1.25 12.50
2019 10 04 21009999.999999.99	2019 10 15 09009999.999999.99	2019 10 25 2100 1.39 11.70
2019 10 05 0000 1.79 11.70	2019 10 15 1200 1.72 14.20	2019 10 26 0000 1.50 12.50
2019 10 05 0300 1.81 13.30	2019 10 15 1500 1.80 13.30	2019 10 26 0300 1.47 12.50
2019 10 05 0600 1.92 11.70	2019 10 15 1800 1.63 13.30	2019 10 26 0600 1.46 13.30
2019 10 05 0900 1.61 11.70	2019 10 15 2100 1.64 13.30	2019 10 26 0900 1.17 11.70
2019 10 05 1200 1.93 12.50	2019 10 16 0000 1.61 13.30	2019 10 26 1200 1.26 12.50
2019 10 05 1200 1.99 12.50	2019 10 16 0000 1.01 13.30	2019 10 26 1200 1.28 12.30
2019 10 05 1800 2.12 13.30	2019 10 16 0600 1.72 13.30	2019 10 26 1800 1.21 13.30
2019 10 05 2100 2.14 14.20	2019 10 16 09009999.999999.99	2019 10 26 2100 1.21 12.50
2019 10 06 0000 1.90 14.20	2019 10 16 1200 1.60 13.30	2019 10 27 0000 1.35 11.70
2019 10 06 0300 1.77 14.20	2019 10 16 1500 1.78 14.20	2019 10 27 0300 1.64 12.50
2019 10 06 0600 1.76 14.20	2019 10 16 1800 2.18 14.20	2019 10 27 0600 1.60 12.50
2019 10 06 0900 1.67 14.20	2019 10 16 2100 1.81 12.50	2019 10 27 0900 1.68 12.50
2019 10 06 1200 1.83 13.30	2019 10 17 0000 1.92 14.20	2019 10 27 1200 1.91 11.70
		2019 10 27 1200 2.36 13.30
2019 10 06 1800 1.96 14.20	2019 10 17 0600 1.74 15.30	2019 10 27 1800 2.64 12.50
2019 10 06 2100 1.70 14.20	2019 10 17 0900 1.84 13.30	2019 10 27 2100 2.02 12.50
2019 10 07 0000 1.53 13.30	2019 10 17 1200 1.70 13.30	2019 10 28 0000 1.96 11.70
2019 10 07 0300 1.52 12.50	2019 10 17 1500 1.78 12.50	2019 10 28 0300 2.25 11.70
2019 10 07 0600 1.58 12.50	2019 10 17 1800 1.87 18.10	2019 10 28 0600 2.12 10.00
2019 10 07 0900 1.80 12.50	2019 10 17 2100 2.18 16.60	2019 10 28 0900 2.41 11.10
2019 10 07 1200 1.83 14.20	2019 10 18 0000 2.18 15.30	2019 10 28 1200 2.24 12.50
2019 10 07 1500 1.78 12.50	2019 10 18 0300 2.16 15.30	2019 10 28 1500 2.65 12.50
2019 10 07 1800 1.91 12.50	2019 10 18 0600 2.03 15.30	2019 10 28 1800 2.61 12.50
2019 10 07 21009999.999999.99	2019 10 18 0900 1.76 14.20	2019 10 28 2100 2.44 13.30
2019 10 08 00009999.999999.99	2019 10 18 1200 1.51 12.50	2019 10 29 0000 2.58 11.70
2019 10 08 03009999.999999.99	2019 10 18 1500 1.66 14.20	2019 10 29 0300 2.53 13.30
2019 10 08 06009999.999999.99	2019 10 18 1800 1.52 13.30	2019 10 29 0600 2.54 12.50
2019 10 08 09009999.999999.99	2019 10 18 2100 1.60 13.30	2019 10 29 0900 2.49 11.70
2019 10 08 12009999.999999.99	2019 10 19 0000 1.73 16.60	2019 10 29 1200 2.16 11.70
2019 10 08 12009999.999999.99	2019 10 19 0300 1.87 15.30	2019 10 29 1200 2.24 13.30
2019 10 08 18009999.999999.99	2019 10 19 0600 1.81 15.30	2019 10 29 1800 1.93 13.30
2019 10 08 21009999.999999.99	2019 10 19 0900 1.77 15.30	2019 10 29 2100 2.16 12.50
2019 10 09 00009999.999999.99	2019 10 19 1200 1.78 14.20	2019 10 30 0000 2.22 12.50
2019 10 09 03009999.999999.99	2019 10 19 1500 1.59 12.50	2019 10 30 0300 1.75 12.50
2019 10 09 06009999.999999.99	2019 10 19 1800 1.54 14.20	2019 10 30 0600 1.78 13.30
2019 10 09 09009999.999999.99	2019 10 19 2100 1.28 14.20	2019 10 30 0900 1.79 13.30
2019 10 09 12009999.999999.99	2019 10 20 0000 1.30 13.30	2019 10 30 1200 1.49 12.50
2019 10 09 15009999.999999.99	2019 10 20 0300 1.19 13.30	2019 10 30 1500 1.42 13.30
2019 10 09 18009999.999999.99	2019 10 20 0600 1.15 13.30	2019 10 30 1800 1.54 11.70
2019 10 09 21009999.999999.99	2019 10 20 0900 1.11 13.30	2019 10 30 2100 1.64 12.50
2019 10 10 00009999.999999.99	2019 10 20 1200 1.01 11.10	2019 10 31 0000 1.46 11.70
2019 10 10 03009999.999999.99	2019 10 20 1500 0.97 11.70	2019 10 31 0300 1.33 11.70
2019 10 10 06009999.999999.99	2019 10 20 1800 0.94 11.10	2019 10 31 0600 1.30 11.70
2019 10 10 09009999.999999.99	2019 10 20 2100 0.96 11.10	2019 10 31 0900 1.20 11.70
2019 10 10 12009999.999999.99	2019 10 21 0000 1.02 12.50	2019 10 31 1200 1.14 11.70
2019 10 10 15009999.999999.99	2019 10 21 0300 1.08 10.50	2019 10 31 1500 1.20 11.10
2019 10 10 18009999.999999.99	2019 10 21 0600 1.14 10.00	2019 10 31 1800 1.07 10.50
2019 10 10 21009999.999999.99	2019 10 21 0900 1.33 10.00	2019 10 31 2100 0.99 10.50
		2019 10 31 2100 0.99 10.30
2019 10 11 00009999.999999.99	2019 10 21 1200 1.60 9.00	
2019 10 11 03009999.999999.99	2019 10 21 1500 1.72 11.70	
2019 10 11 06009999.999999.99	2019 10 21 1800 1.45 12.50	
2019 10 11 09009999.999999.99	2019 10 21 2100 1.62 11.70	
2019 10 11 12009999.999999.99	2019 10 22 0000 1.41 10.00	
2019 10 11 15009999.999999.99	2019 10 22 0300 1.22 11.70	
2019 10 11 18009999.999999.99	2019 10 22 0600 1.40 11.10	
2019 10 11 21009999.999999.99	2019 10 22 0900 1.18 11.10	
2019 10 12 00009999.9999999999	2019 10 22 1200 1.26 10.50	
2019 10 12 00009999.9999999.99		
2019 10 12 06009999.999999.99	2019 10 22 1800 1.00 10.50	
2019 10 12 09009999.999999.99	2019 10 22 2100 1.00 10.00	
2019 10 12 12009999.999999.99	2019 10 23 0000 0.89 10.00	
2019 10 12 15009999.999999.99	2019 10 23 0300 0.89 10.00	
2019 10 12 18009999.999999.99	2019 10 23 0300 0.89 10.00 2019 10 23 0600 0.87 10.50	
·····	····· -····	





































FIGURE 3 Location of measure lines