

1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 11, 1995

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
10:03:47	10:04:47	*		0:01:00		NO	NO
10:20:49	10:21:54	*	0:17:02	0:01:05		NO	NO
10:39:12	10:40:22	*	0:18:23	0:01:10		NO	NO
10:49:55	10:51:00		0:10:43	0:01:05		NO	NO
11:00:56	11:02:01		0:11:01	0:01:05		NO	NO
11:12:32	11:13:35		0:11:36	0:01:03		NO	NO
11:22:09	11:23:04		0:09:37	0:00:55		NO	NO
12:18:42	12:19:41	*	0:56:33	0:00:59		NO	YES
12:26:00	12:26:52		0:07:18	0:00:52		NO	NO
12:34:50	12:35:49		0:08:50	0:00:59		NO	NO
12:43:01	12:44:01		0:08:11	0:01:00		NO	NO
12:52:13	12:53:26		0:09:12	0:01:13		NO	NO
13:00:43	13:01:40		0:08:30	0:00:57		NO	NO
13:11:08	13:12:06		0:10:25	0:00:58		NO	NO
13:19:32	13:20:38		0:08:24	0:01:06		NO	NO
13:27:50	13:28:46		0:08:18	0:00:56		NO	NO
13:35:58	13:36:52		0:08:08	0:00:54		NO	NO
13:47:36	13:48:41		0:11:38	0:01:05		NO	NO
13:58:03	13:59:07		0:10:27	0:01:04		NO	NO
14:33:23	14:34:07	*	0:35:20	0:00:44		NO	YES
14:42:00			0:08:37	* #####		NO	NO
14:50:19	14:51:25		0:08:19	0:01:06		NO	NO
14:58:18			0:07:59	* #####		NO	NO
15:06:45	15:07:53		0:08:27	0:01:08		NO	NO
15:13:36	15:14:31		0:06:51	0:00:55		NO	NO
15:21:21	15:22:21		0:07:45	0:01:00		NO	NO
15:28:46	15:29:46		0:07:25	0:01:00		NO	NO
15:36:00	15:36:57		0:07:14	0:00:57		NO	NO
15:43:20	15:44:06		0:07:20	0:00:46	0:01:00	YES	NO
15:50:00			0:06:40	* #####		YES	NO
15:56:10			0:06:10	* #####		YES	NO
16:01:56			0:05:46	* #####		YES	NO
16:04:00			0:02:04	* #####		YES	NO
16:06:00			0:02:00	* #####		YES	NO
16:09:00			0:03:00	* #####		YES	NO
16:11:00			0:02:00	* #####		YES	NO
16:14:00			0:03:00	0:03:50	* #####	NO	NO
LEFT AREA							

INDICATES IMPOSSIBLE CALCULATION
BLANK INDICATES MISSED DATA
* DATA NOT INCLUDED IN MEAN CALCULATIONS

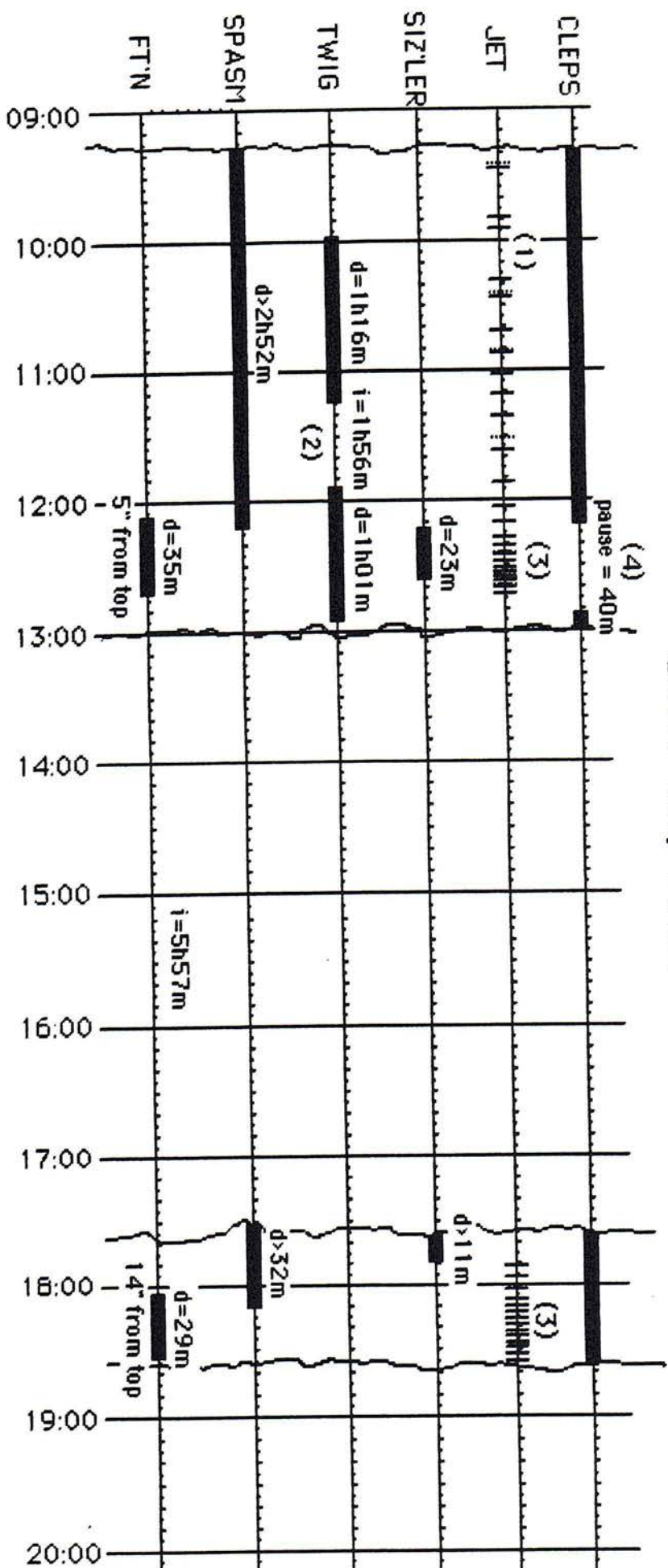
JULY 11TH (TUESDAY)

07:40 Little Cub
 08:33 Plume

 10:01 Ft'n pool way down - Spasm off - Clepsydra going - everything else was off
 10:03:47 Jet (60 s)
 10:05 Deep Blue - series of splashes with huge doming-type eruptions spaced 15 - 60
 s apart
 10:20:49 Jet (65 s)
 10:22 Bear Claw (center and west vents)
 10:27 Big surge in Ft'n pool - up to about 16" from top
 10:32 Kaleidescope area - small blurper
 10:34 Deep Blue
 10:35 To left of Deep Blue - half-way to Kaleidescope (small explosive burst)
 10:39:12 Jet (70 s)
 10:40:56 Frolic
 10:41 Deep Blue - major burst !
 10:43 Spasm began to fill
 10:47 Drain ? (near Kaleidescope, but wide, more massive bursts)
 10:49:55 Jet (65 s)
 10:51 Bear Claw
 11:00:56 Jet (65 s)
 11:12:32 Jet (63 s)
 11:22:09 Jet (55 s)
 11:26 Sizzler on
 11:29 Twig on - good initial bursts
 11:41 Sizzler off (15 m)
 11:46 Spasm still filling - both vents showed water
 11:47 Spasm on
 11:49 Spasm's two vents combined to one pool
 12:00 Ft'n pool at 14"
 12:18:42 Jet (59 s)
 12:26:00 Jet (52 s)
 12:34:50 Jet (59 s)
 12:43:01 Jet (60 s)
 12:52:13 Jet (47 s)
 13:00:43 Jet (57 s)
 13:01 Ft'n pool was a bit higher at 14"
 13:11:08 Jet (58 s)
 13:19:32 Jet (66 s)
 13:24 Twig and Spasm still on and going strong - Ft'n pool at 14" - high SW winds -
 some rain splats
 13:27:50 Jet (56 s)
 13:35:58 Jet (54 s)
 13:41 Frolic
 13:47:36 Jet (65 s)
 13:54 Ft'n pool surged up to 12"
 13:58:03 Jet (64 s)

14:02 Sizzler on
 14:11 Sub
 14:17 Sizzler off (15 m)
 14:20 Kaleidoscope
 14:33:23 Jet (54 s)
 14:42 Jet (?)
 14:50:19 Jet (66 s)
 14:54 Deep Blue
 14:56 Kaleidoscope
 14:58:18 Jet (?)
 15:06:45 Jet (68 s)
 15:13:36 Jet (55 s)
 15:21:21 Jet (60 s)
 15:21 Kaleidoscope
 15:24 Kaleidoscope
 15:28:46 Jet (60 s)
 15:36:00 Jet (57 s)
 15:42 Fountain I (12" from top) *****
 15:43:20 Jet (46 s)
 15:46 Spasm flooded (3h 59m) - Twig still going
 15:50 Jet (?)
 15:56 Honeycomb (IE)
 15:56:10 Jet (?) Talked with Tom, Genean and Chris Dunn
 16:01:56 Jet (?)
 16:04 Jet (?)
 16:06 Jet (?)
 16:09 Jet (?)
 16:11 Jet (?) also Paul and Karen Webb
 16:13 Fountain off (31 m) ++++++
 16:14 Jet (?)
 16:17 Sizzler on
 16:30 Sizzler off (13 m)
 #####

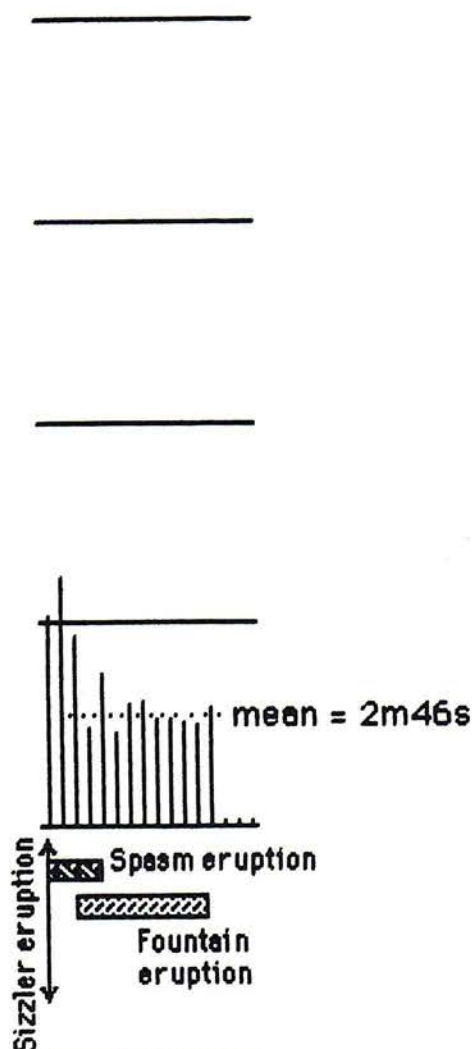
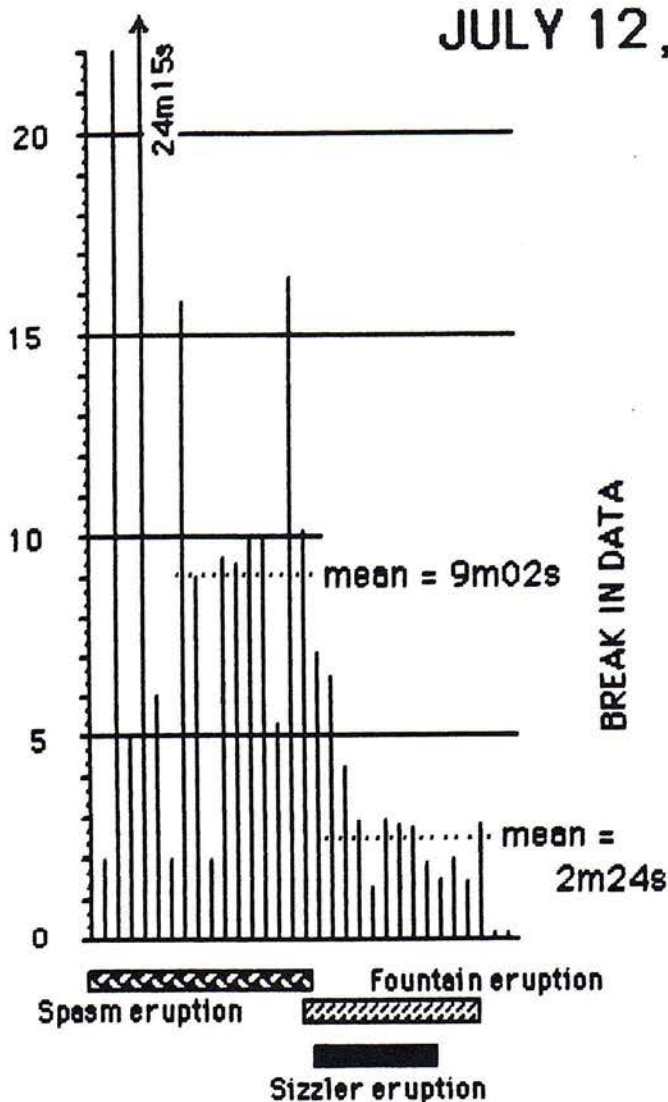
JULY 12, 1995



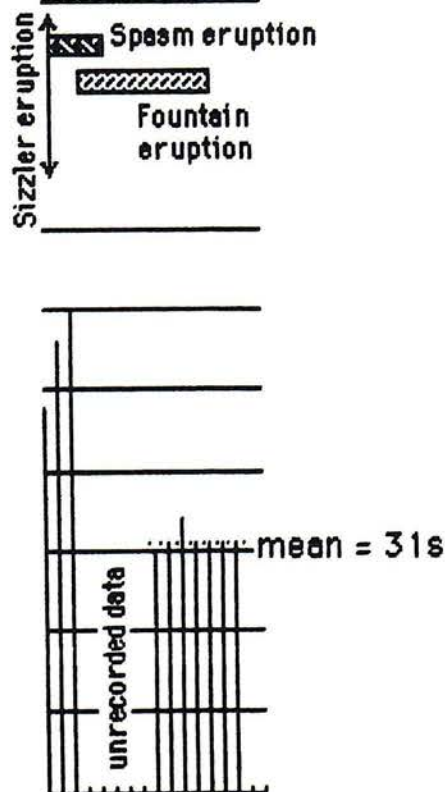
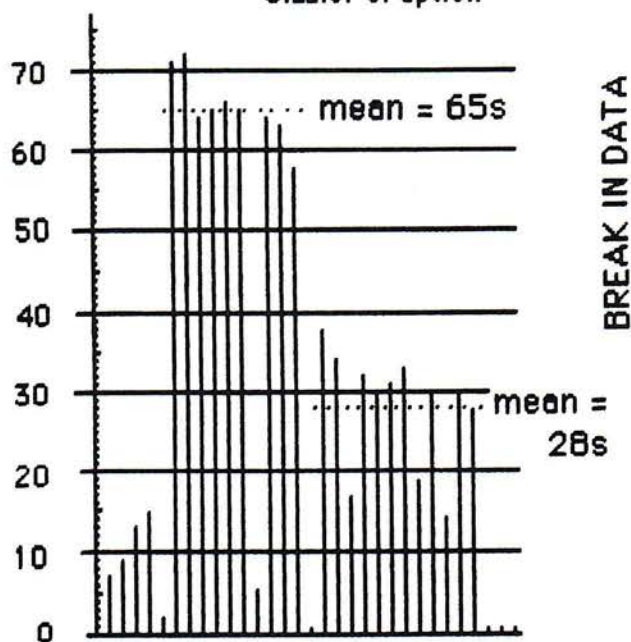
- (1) Jet acted strangely all morning with widely varying intervals and frequent weak eruptions.
- (2) Twig had two very brief eruptions with an unusually short interval
- (3) Jet erupted in quick mode as Fountain erupted.
- (4) An unusual pause for Clepsydra of 40m that began 5m after Fountain erupted.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 12, 1995

INTERVALS IN MINUTES



DURATIONS IN SECONDS



**JET GEYSER DATA
LOWER GEYSER BASIN
YELLOWSTONE NATIONAL PARK
JULY 12, 1995**

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:25:00	9:25:02	*			* 0:00:02		NO	NO
9:27:00	9:27:04	*	0:02:00		* 0:00:04		NO	NO
9:49:00	9:49:09	*	0:22:00		* 0:00:09		NO	NO
9:54:00	9:54:13	*	0:05:00		* 0:00:13		NO	NO
10:18:15	10:18:30	*	0:24:15		* 0:00:15		NO	NO
10:24:14	10:24:16	*	0:05:59		* 0:00:02		NO	NO
10:26:13	10:27:24		0:01:59		0:01:11		NO	NO
10:46:00	10:47:12		0:19:47		0:01:12		NO	NO
10:51:00			0:05:00		* #####		NO	NO
10:52:56	10:54:00		0:01:56		0:01:04		NO	NO
11:02:27	11:03:32		0:09:31		0:01:05		NO	NO
11:11:52	11:12:58		0:09:25		0:01:06		NO	NO
11:21:51	11:22:56		0:09:59		0:01:05		NO	NO
11:31:50	11:31:56		0:09:59	*	0:00:06		NO	NO
11:37:06	11:38:10		0:05:16		0:01:04		NO	NO
11:53:30	11:54:33		0:16:24		0:01:03		NO	NO
12:03:39	12:04:37		0:10:09		0:00:58		NO	NO
12:10:43		*	0:07:04	0:09:02	* #####	0:01:05	YES	NO
12:17:10	12:17:48		0:06:27		0:00:38		YES	YES
12:21:23	12:21:57		0:04:13		0:00:34		YES	YES
12:24:17	12:24:31		0:02:54		0:00:14		YES	YES
12:25:31	12:26:03		0:01:14		0:00:32		YES	YES
12:28:27	12:28:57		0:02:56		0:00:30		YES	YES
12:31:14	12:31:45		0:02:47		0:00:31		YES	YES
12:33:56	12:34:29		0:02:42		0:00:33		YES	YES
12:35:48	12:36:07		0:01:52		0:00:19		YES	YES
12:37:17	12:37:47		0:01:29		0:00:30		YES	NO
12:39:14	12:39:28		0:01:57		0:00:14		YES	NO
12:40:40	12:41:10		0:01:26		0:00:30		YES	NO
12:43:33	12:44:01		0:02:53		0:00:28		YES	NO
LEFT AREA				0:02:24		0:00:28		
17:51:35	17:52:23	*			0:00:48		NO	NO
17:56:41	17:57:37		0:05:06		0:00:56		NO	NO
18:02:51	18:03:51		0:06:10		0:01:00		NO	NO
18:07:35			0:04:44	0:05:20	* #####	0:00:55	YES	NO
18:10:00			0:02:25		* #####		YES	NO
18:13:44			0:03:44		* #####		YES	NO
18:16:00			0:02:16		* #####		YES	NO
18:19:00			0:03:00		* #####		YES	NO
18:22:03	18:22:33		0:03:03		0:00:30		YES	NO
18:24:40	18:25:11		0:02:37		0:00:31		YES	NO
18:27:16	18:27:50		0:02:36		0:00:34		YES	NO
18:29:51	18:30:21		0:02:35		0:00:30		YES	NO
18:32:23	18:32:54		0:02:32		0:00:31		YES	NO
18:35:20	18:35:51		0:02:57	0:02:46	0:00:31	0:00:31	NO	NO
LEFT AREA								

INDICATES CALCULATION NOT POSSIBLE
* DATA NOT INCLUDED IN MEAN CALCULATIONS

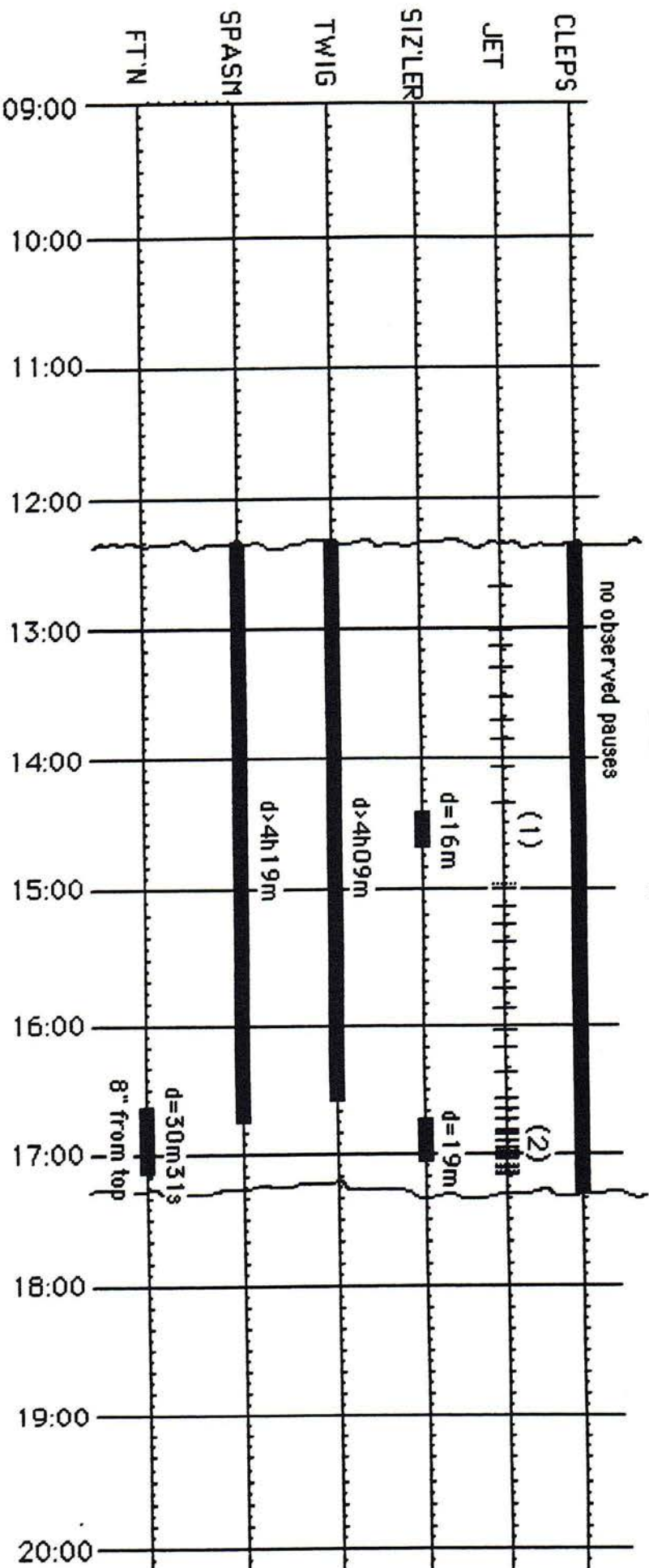
BLANK CELL=MISSED DATA

JULY 12TH (WEDNESDAY)

09:20 Spasm on - Twig off - Clepsydra on - Sizzler off - Ft'n pool at 7-8" from top
 09:25 Jet (one spurt)
 09:25 Sizzler looked like it has just recently finished an eruption
 09:27 Jet (one spurt)
 09:36 Sub
 09:42 Drain ?
 09:49 Jet (9 s)
 09:54 Jet (13 s)
 09:58 Twig on
 10:03 Ft'n pool at 6-7"
 10:13 Bear Claw
 10:18:15 Jet (15 s)
 10:19 Ft'n pool at 6"
 10:24:14 Jet (one spurt - 2 s)
 10:26:13 Jet (71 s)
 10:30 Ft'n pool at 5-6" and climbing
 10:42:00 Jet (72 s)
 10:51:00 Jet (one spurt)
 10:52:56 Jet (64 s)
 11:02:27 Jet (65 s)
 11:03 Sub
 11:11:52 Jet (66 s)
 11:12 Ft'n pool at 5"
 11:14 Twig off
 11:18 Drain ?
 11:21:51 Jet (65 s)
 11:31:50 Jet (one small spurt)
 11:37:06 Jet (64 s)
 11:39 Sub
 11:39 Bear Claw
 11:50 Sub
 11:53:30 Jet (63 s)
 11:54 Twig on
 11:55 Bear Claw
 12:03:39 Jet (58 s)
 12:07 Fountain ! (5" from top) *****
 12:10:43 Jet (?)
 12:12 Clepsydra dead
 12:12 Spasm flooded (>2h 52m)
 12:13 Sizzler on
 12:14 Clepsydra splashed (off for 2 m)
 12:15 Clepsydra more constant splashes
 12:17:10 Jet (38 s)
 12:21:23 Jet (34 s)
 12:21 Clepsydra dead again
 12:24:17 Jet (17 s)
 12:25:31 Jet (32 s)

12:26 Clepsydra dead
 12:28:27 Jet (30 s)
 12:31:14 Jet (31 s)
 12:32 Bear Claw
 12:32 Clepsydra still dead Jeff Davis
 12:33:56 Jet (33 s)
 12:35:48 Jet (19 s)
 12:36 Sizzler off (23 m)
 12:37:17 Jet (30 s)
 12:39:14 Jet (14 s)
 12:40:40 Jet (30 s)
 12:40 Clepsydra still dead
 12:40 Twig still on
 12:42 Fountain off (35 m) ++++++
 12:43 Bear Claw
 12:43:33 Jet (28 s)
 12:52 Clepsydra -one spit
 12:53 Clepsydra came back (off for 32 m)
 12:55 Twig off (1h 1m)
 13:00 Clepsydra was still acting funny - off, then back on again
 #####
 15:52 Echinus on
 16:31 Echnus off (39 m) in the rain !
 #####
 17:38 entered area - Sizzler on, Spasm on, Clepsydra on, Jet off, Twig off, Ft'n pool at 14"
 17:49 Sizzler off (>11 m)
 17:51:35 Jet (48 s)
 17:56 Bear Claw
 17:56:41 Jet (56 s)
 18:02:51 Jet (60 s)
 18:04 Fountain ! (14" from top) (5h 57m interval)*****
 18:07:35 Jet (?)
 18:10 Spasm flooded (>32m)
 18:10 Jet (?) rain and wind made it impossible to see Jet's stops - steam from Ft'n obscured vision
 18:13:44 Jet (?)
 18:16 Jet (?)
 18:18 Morning's Thief (IE)
 18:19 Jet (?)
 18:22:03 Jet (30 s)
 18:24:40 Jet (31 s)
 18:26 Clepsydra steam vent was pounding
 18:27:16 Jet (34 s)
 18:29:51 Jet (31 s)
 18:32:23 Jet (31 s)
 18:33 Fountain off (29 m) ++++++
 18:35:20 Jet (31 s)
 ##### left due to rain storm

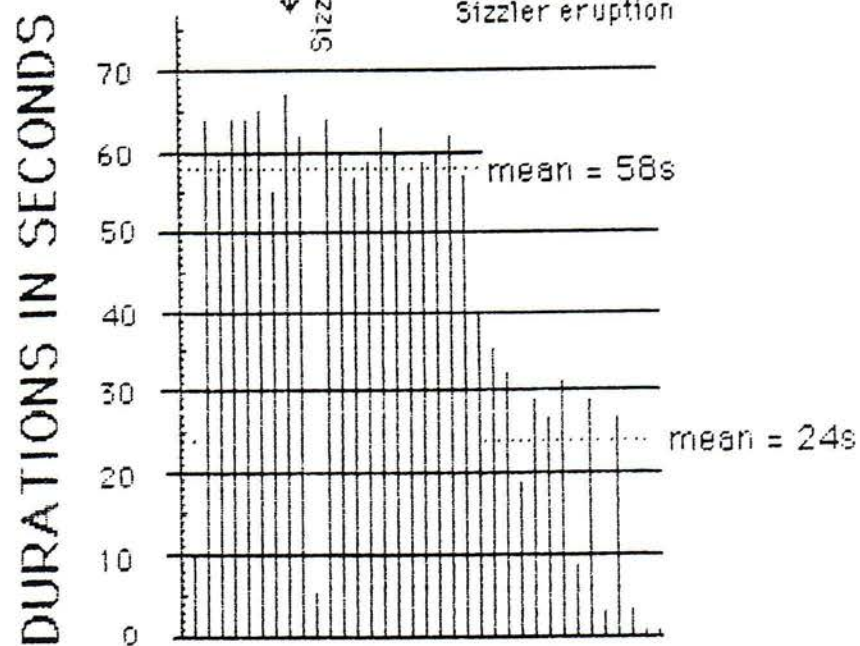
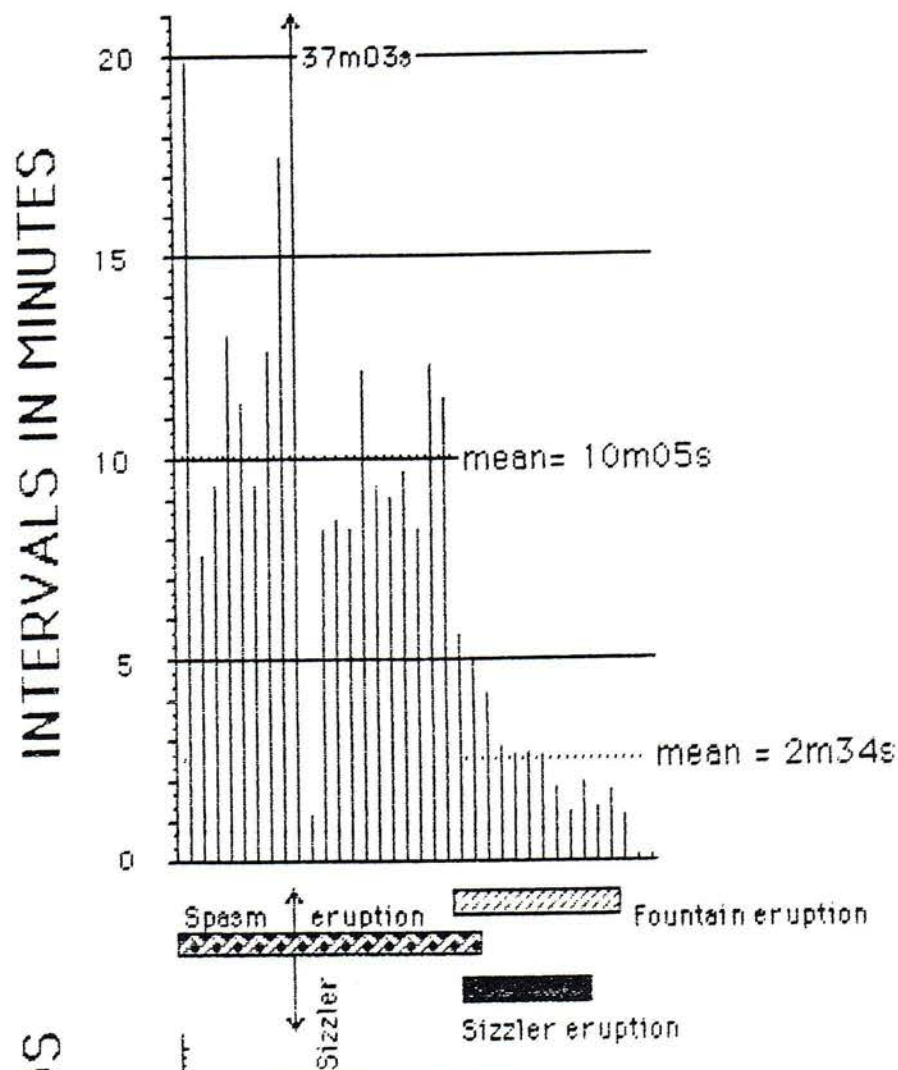
JULY 13, 1995



(1) Jet stopped as Sizzler erupted without Fountain erupting.

(2) Jet continued its eruptions as Sizzler erupted with Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 13, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 13, 1995

START	END		INTERVAL	INTERVAL	DURATION	DURATION	WAS	WAS
TIME	TIME		IN H:M:S	AVERAGES	IN H:M:S	AVERAGES	FOUNTAIN	SIZZLER
							ERUPTING	ERUPTING
12:41:18	12:41:28	*		*	0:00:10		NO	NO
13:01:09	13:02:13		0:19:51		0:01:04		NO	NO
13:08:45	13:09:44		0:07:36		0:00:59		NO	NO
13:18:04	13:19:08		0:09:19		0:01:04		NO	NO
13:31:06	13:32:10		0:13:02		0:01:04		NO	NO
13:42:28	13:43:33		0:11:22		0:01:05		NO	NO
13:51:50	13:52:45		0:09:22		0:00:55		NO	NO
14:04:25	14:05:32		0:12:35		0:01:07		NO	NO
14:21:54	14:22:56		0:17:29		0:01:02		NO	NO
14:58:57	14:59:07	*	0:37:03		0:00:10		NO	YES
15:00:05	15:01:09		0:01:08		0:01:04		NO	NO
15:07:18	15:08:18		0:07:13		0:01:00		NO	NO
15:14:50	15:15:47		0:07:32		0:00:57		NO	NO
15:22:05	15:23:04		0:07:15		0:00:59		NO	NO
15:34:13	15:35:16		0:12:08		0:01:03		NO	NO
15:43:27	15:44:27		0:09:14		0:01:00		NO	NO
15:52:24	15:53:30		0:08:57		0:01:06		NO	NO
16:02:07	16:03:06		0:09:43		0:00:59		NO	NO
16:10:30	16:11:30		0:08:23		0:01:00		NO	NO
16:22:45	16:23:47		0:12:15		0:01:02		NO	NO
16:34:16	16:35:13		0:11:31		0:00:57		NO	NO
16:39:54	16:40:34		0:05:38	0:10:05	0:00:40	0:00:58	YES	NO
16:44:55	16:45:30		0:05:01		0:00:35		YES	YES
16:49:04	16:49:36		0:04:09		0:00:32		YES	YES
16:51:55	16:52:14		0:02:51		0:00:19		YES	YES
16:54:32	16:55:01		0:02:37		0:00:29		YES	YES
16:57:13	16:57:40		0:02:41		0:00:27		YES	YES
16:59:52	17:00:23		0:02:39		0:00:31		YES	YES
17:01:43	17:01:52		0:01:51		0:00:09		YES	YES
17:02:55	17:03:24		0:01:12		0:00:29		YES	YES
17:05:00	17:05:03		0:02:05		0:00:03		YES	NO
17:06:18	17:06:45		0:01:18		0:00:27		YES	NO
17:08:07			0:01:49		* #####		YES	NO
17:09:14	17:09:42	*	0:01:07	0:02:34	* 0:00:28	0:00:24	NO	NO
LEFT AREA								

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 13TH (THURSDAY)

11:26 Grand (4 bursts)

12:26 Twig was on - Spasm on - Clepsydra on - Ft'n pool at 13" - Sizzler off, Jelly pool full

12:41:18 Jet (about 10 s weak)

12:42 Ft'n pool up 1/2" to 12 1/2"

13:01:09 Jet (64 s)

13:04 Ft'n pool up another 1/2" to 12"

13:08:45 Jet (59 s)

13:12 Ft'n pool still rising

13:15 Ft'n pool up to 10"

13:18:04 Jet (64 s)

13:21 Honeycomb

13:31:06 Jet (64 s)

13:32 Ft'n pool still rising slowly - to 9 1/2"

13:42:28 Jet (65 s)

13:47 Ft'n pool still rising - cave almost gone - almost 8"

13:51:50 Jet (55 s)

14:04:25 Jet (67 s)

14:16 Ft'n pool up 1/2" to 8 1/2" below top

14:18 Ft'n pool dropped 1/2" to 9"

14:21:54 Jet (62 s)

14:25 Sizzler on

14:34 Ft'n pool up almost an inch to 8"

14:36 Ft'n pool dropped to 8 1/2"

14:41 Sizzler off (16 m)

14:57 Ft'n pool rising

14:58:57 Jet (one sput)

15:00:05 Jet (64 s)

15:07:18 Jet (60 s)

15:14:50 Jet (57 s)

15:15 Kaleidoscope

15:15 Ft'n pool up to 8"

15:22:05 Jet (59 s)

15:24 Ft'n over top of cave - might be shaded out by sun

15:34:13 Jet (63 s)

15:43:27 Jet (60 s)

15:52:24 Jet (56 s)

15:55 Deep Blue

16:02:07 Jet (59 s)

16:10:30 Jet (60 s)

16:19 Deep Blue - 4 big bursts

16:22:45 Jet (62 s)

16:25 Twig and Spasm still going

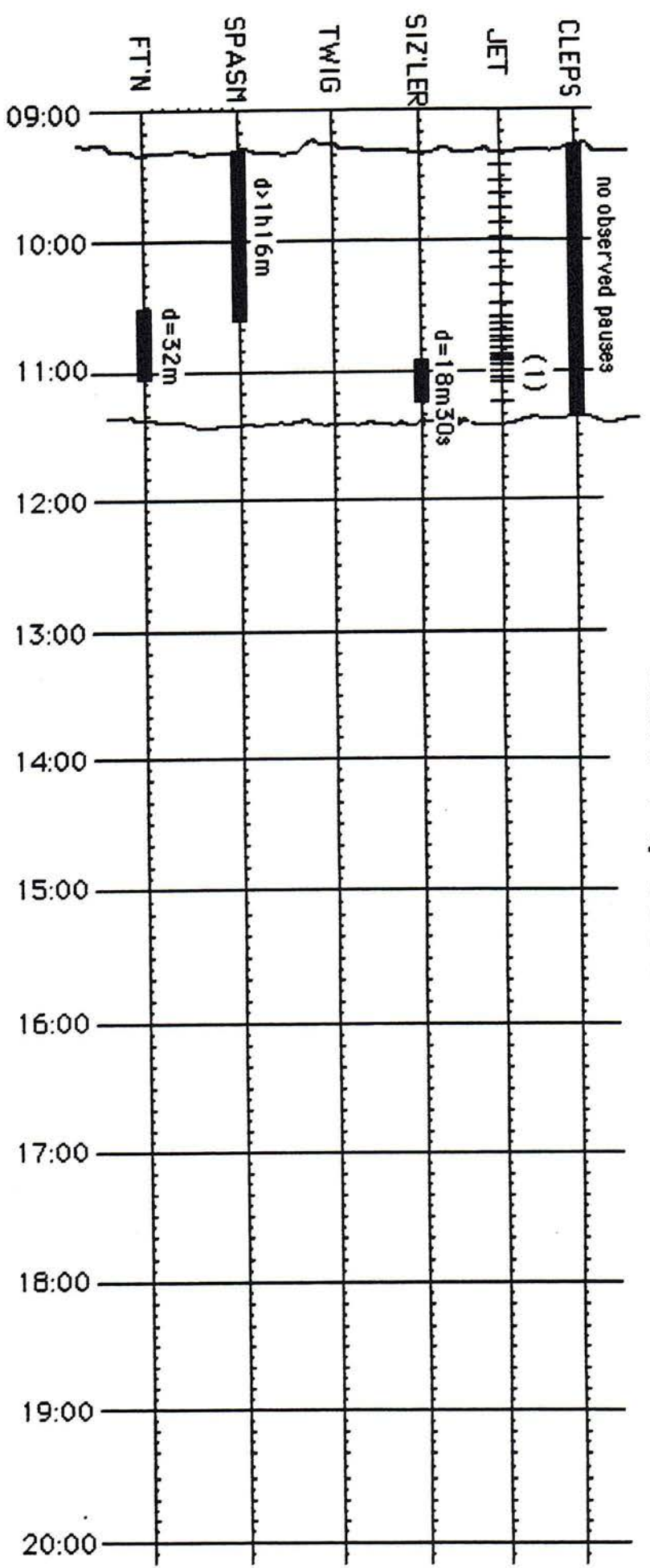
16:31 Ft'n pool surged

16:33 Ft'n pool dropped !

16:34:16 Jet (57 s)

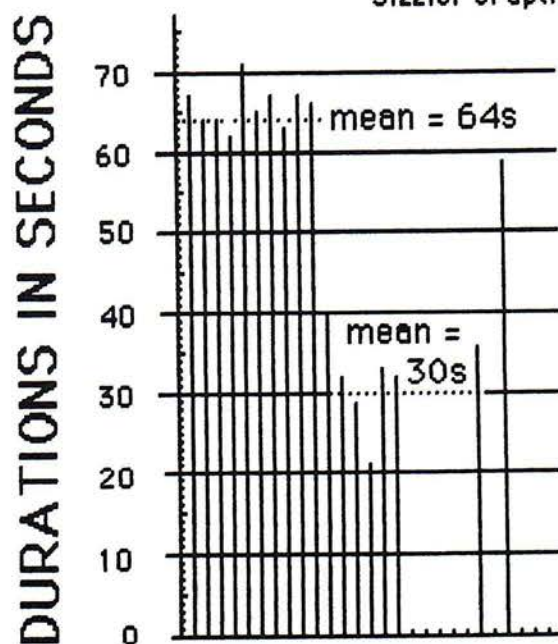
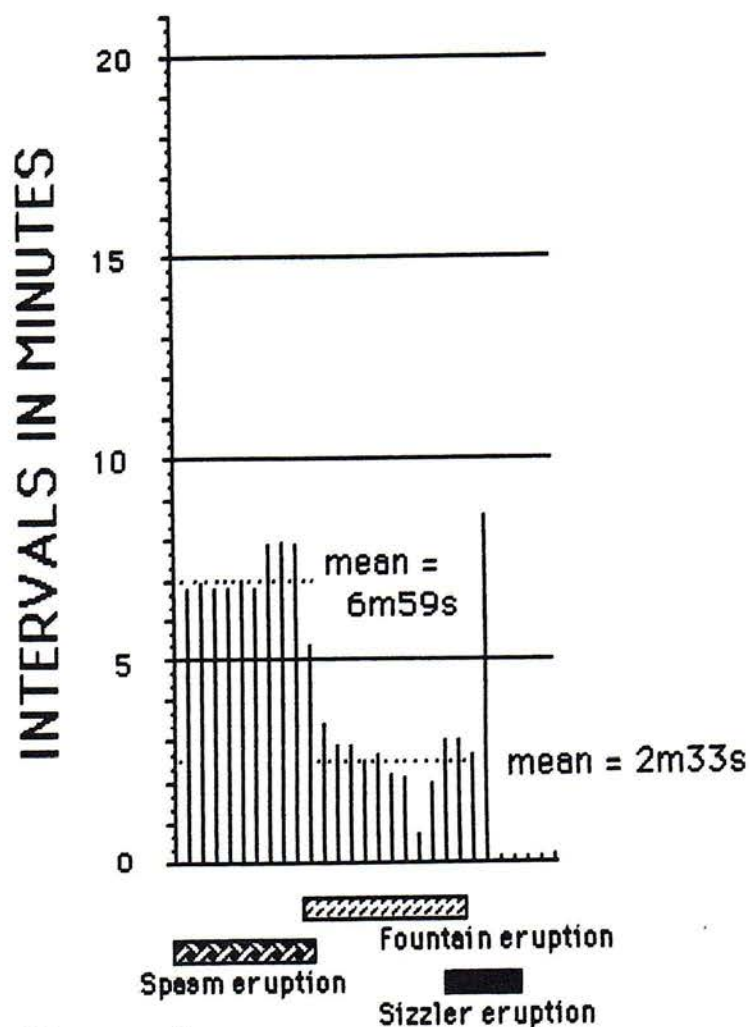
16:35 Twig off (>4h 9m)
 16:37 Ft'n pool surged
 16:38:16 Fountain ! (8" from top) *****
 16:39:54 Jet (40 s)
 16:44 Clepsydra steam vent pounded
 16:44 Sizzler on
 16:44:55 Jet (35 s)
 16:45 Spasm flooded (>4h 19m)
 16:49:04 Jet (32 s)
 16:51:55 Jet (19 s)
 16:53 Ft'n had a big burst !
 16:54:32 Jet (29 s)
 16:57:13 Jet (27 s)
 16:58 Ft'n had two big bursts
 16:59:52 Jet (31 s)
 17:01:43 Jet (9 s)
 17:02:55 Jet (29 s)
 17:03 Sizzler off (19 m)
 17:04 Clepsydra really growled
 17:05:00 Jet (3 s)
 17:06:18 Jet (27 s) (weak)
 17:08:07 Jet (weak sputs)
 17:08:47 Fountain off (30m 31 s) ++++++
 17:09:14 Jet (?)
 17:19 Left the area with Clepsydra still going - everything else is off
 #####
 17:58 Pink Cone (IE)
 #####

JULY 14, 1995



(1) Jet continued to erupt when Sizzler erupted with Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 14, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 14, 1995

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:25:15	9:26:22	*				0:01:07			NO	NO
9:32:04	9:33:13		0:06:49			0:01:09			NO	NO
9:38:41	9:39:47		0:06:37			0:01:06			NO	NO
9:45:29	9:46:31		0:06:48			0:01:02			NO	NO
9:52:17	9:53:28		0:06:48			0:01:11			NO	NO
9:59:18	10:00:23		0:07:01			0:01:05			NO	NO
10:06:07	10:07:14		0:06:49			0:01:07			NO	NO
10:13:57	10:15:00		0:07:50			0:01:03			NO	NO
10:21:53	10:23:00		0:07:56			0:01:07			NO	NO
10:29:46	10:30:52		0:07:53			0:01:06			NO	NO
10:35:05	10:35:45		0:05:19	0:06:59		0:00:40	0:01:04		YES	NO
10:38:30	10:39:02		0:03:25			0:00:32			YES	NO
10:41:25	10:41:54		0:02:55			0:00:29			YES	NO
10:44:22	10:44:42		0:02:57			0:00:20			YES	NO
10:46:59	10:47:32		0:02:37			0:00:33			YES	NO
10:49:43	10:50:15		0:02:44			0:00:32			YES	NO
10:52:00			0:02:17		*	#####			YES	NO
10:54:14			0:02:14		*	#####			YES	NO
10:55:00			0:00:46		*	#####			YES	NO
10:57:00			0:02:00		*	#####			YES	YES
11:00:00			0:03:00		*	#####			YES	NO
11:03:00	11:03:36		0:03:00			0:00:36			YES	NO
11:05:45			0:02:45	0:02:33	*	#####	0:00:30		NO	NO
11:14:26	11:15:25	*	0:08:41			0:00:59			NO	NO
12:00:00		*	0:45:34		*	#####			NO	NO
LEFT AREA										

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 14TH (FRIDAY)

09:20 Spasm on - Clepsydra on - Twig off - Sizzler off (run-off channels are wet) -
Ft'n pool at 12-14"

09:25:15 Jet (67 s)

09:27 Frolic

09:32:04 Jet (69 s)

09:38:41 Jet (66 s)

09:45:29 Jet (62 s)

09:49 Sub

09:52:17 Jet (71 s)

09:57 Kaleidoscope

09:59:18 Jet (65 s)

10:00 Deep Blue

10:06:07 Jet (67 s)

10:11 Bear Claw

10:11 Sub

10:13 Bear Claw off

10:13:57 Jet (63 s)

10:21:53 Jet (67 s)

10:27 Deep Blue

10:29:46 Jet (66 s)

10:31:14 Fountain ! (12" from top) *****

10:33 Ft'n overflow reached Spasm

10:35:05 Jet (40 s)

10:36 Spasm flooded (>1h 16m)

10:38:30 Jet (32 s)

10:41:25 Jet (29 s)

10:44:22 Jet (20+ s)

10:46:59 Jet (33 s)

10:49:43 Jet (32 s)

10:50 Kaleidoscope

10:52 Kaleidoscope

10:52 Jet (?)

10:54:14 Jet (?)

10:55 Bear Claw

10:55 Jet (?)

10:55:30 Sizzler on

10:57 Jet (?)

11:00 Jet (?)

11:01 Deep Blue

11:03:00 Jet (36 s)

11:03 Fountain off (32 m) ++++++

11:05 Bear Claw

11:05:45 Jet (?)

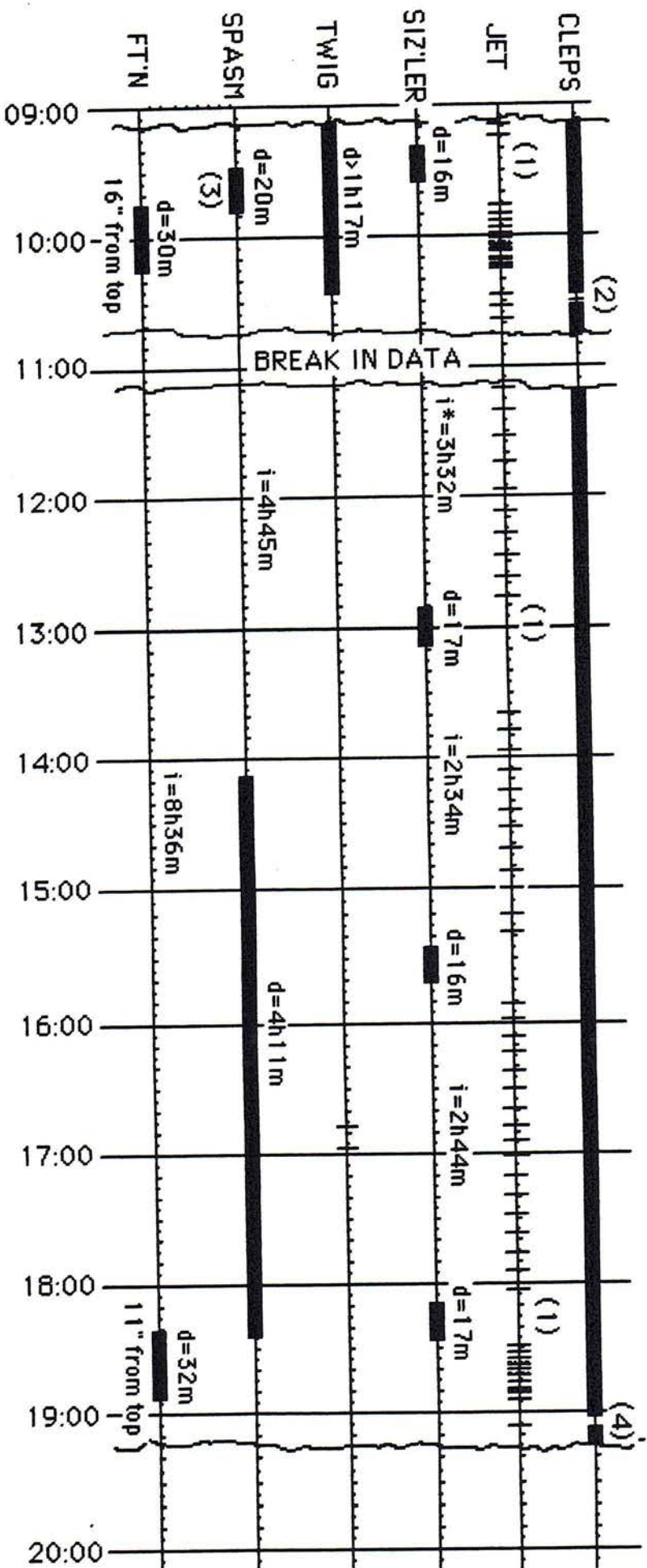
11:14:26 Jet (59 s)

11:14 Sizzler off (18 1/2m)

***** left to get camera

12:00 Jet (?)

JULY 15, 1995



(1) Jet stopped as Sizzler erupted without Fountain erupting.

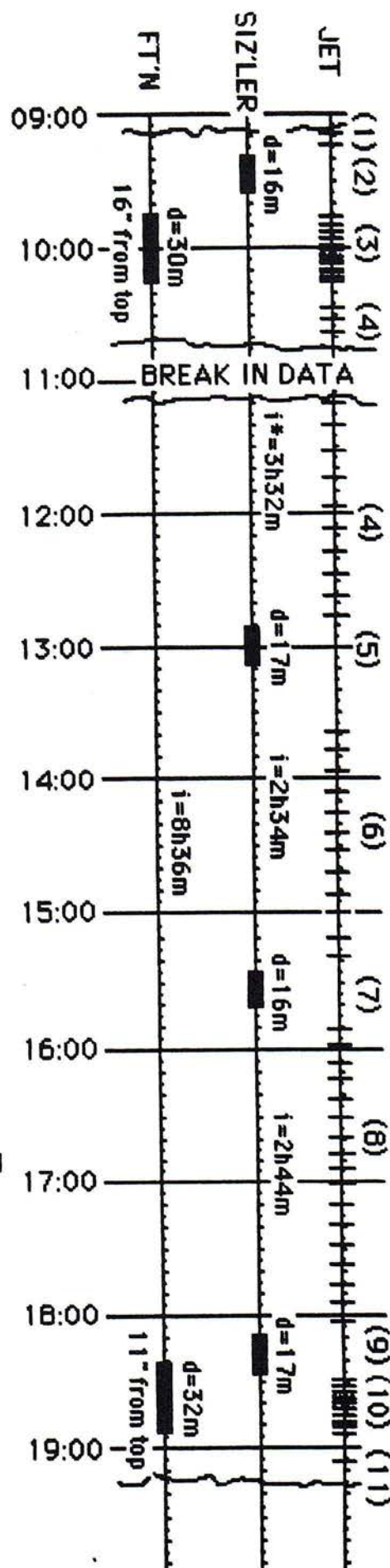
(2) 13m after Fountain stopped, Clepsydra paused for 2m.

(3) Spasm's very short duration and a very low Fountain pool level led to an unexpected eruption of Fountain.

(4) 10m after Fountain stopped, Clepsydra paused for 4m.

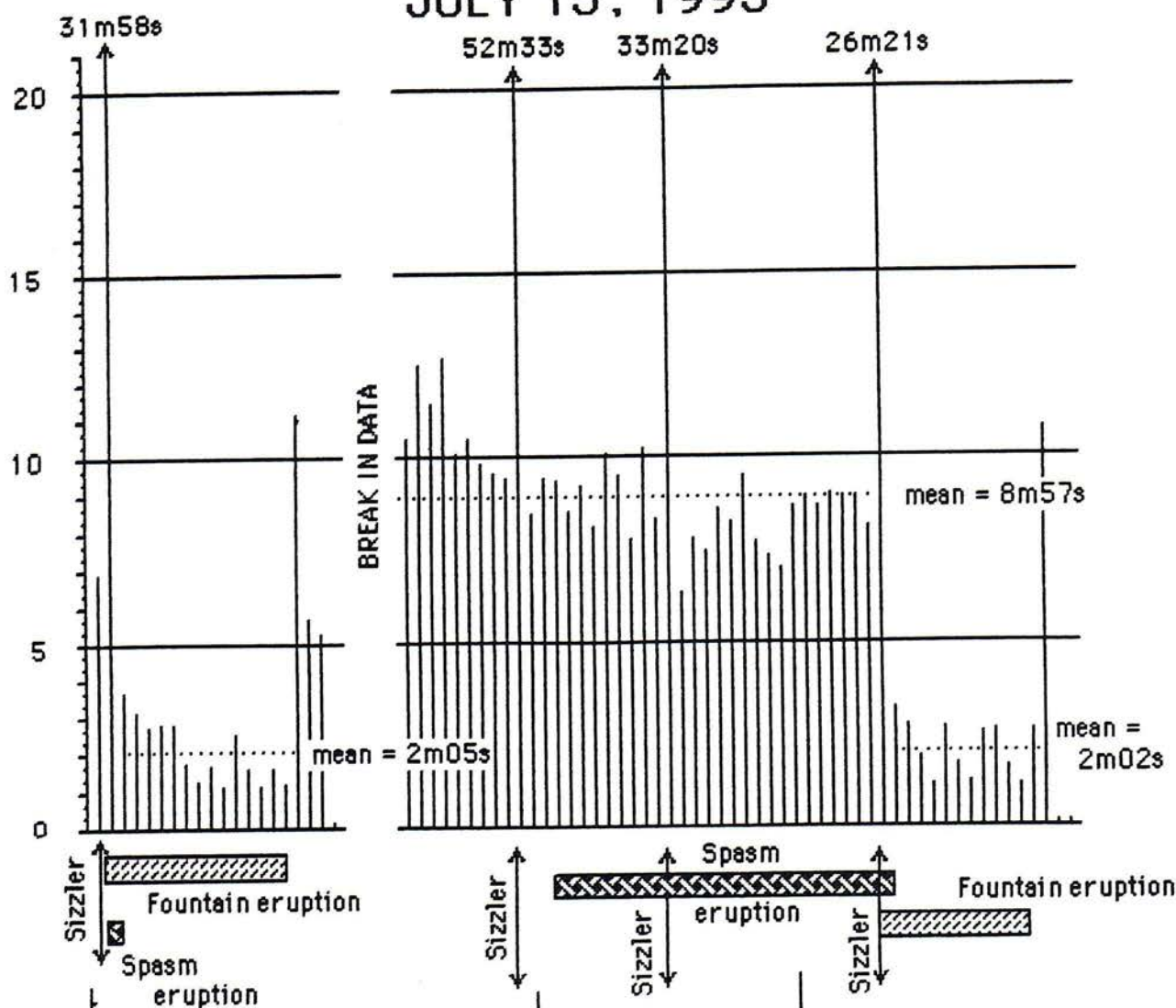
JULY 15, 1995

- (1) Jet was erupting in its normal mode as I entered the area.
- (2) As Sizzler erupted, Jet stopped erupting until ...
- (3) Fountain erupted shortly after Sizzler ended and Jet quickly switched into its quick mode of eruption.
- (4) As Fountain ended, Jet paused for only a brief time and then switched back into its normal mode.
- (5) Here again, Jet stopped erupting as Sizzler erupted and was set back 52m before it erupted again.
- (6) Jet resumed its normal mode until ...
- (7) Sizzler erupted again and Jet stops. This time Jet was set back only 33m.
- (8) Jet again resumed its normal mode.
- (9) Sizzler erupted again and Jet stopped until Fountain erupted before Sizzler stopped.
- (10) Jet waited for Sizzler to finish erupting before it began to erupt in its quick mode.
- (11) As Fountain finished its eruption, Jet stopped and appeared to go back to its normal mode as I left the area.

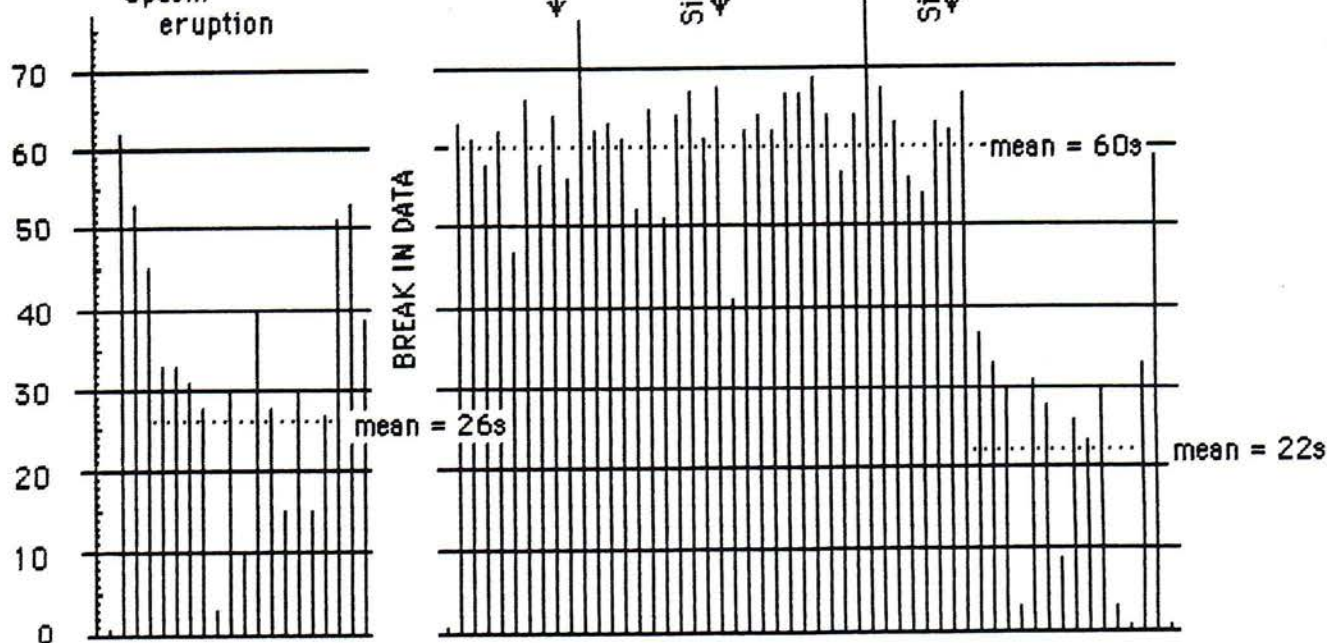


CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 15, 1995

INTERVALS IN MINUTES



DURATIONS IN SECONDS



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 15, 1995

1

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:09:00		*		* #####		NO	NO
9:14:51	9:15:53	*	0:05:51	* 0:01:02		NO	NO
9:46:49	9:47:42	*	0:31:58	* 0:00:53		YES	YES
9:50:29	9:51:14		0:03:40	0:00:45		YES	NO
9:53:39	9:54:12		0:03:10	0:00:33		YES	NO
9:56:21	9:56:54		0:02:42	0:00:33		YES	NO
9:59:09	9:59:40		0:02:48	0:00:31		YES	NO
10:01:57	10:02:25		0:02:48	0:00:28		YES	NO
10:03:41	10:03:46		0:01:44	0:00:05		YES	NO
10:04:58	10:05:28		0:01:17	0:00:30		YES	NO
10:06:40	10:06:50		0:01:42	0:00:10		YES	NO
10:07:48	10:08:18		0:01:08	0:00:30		YES	NO
10:10:20	10:10:48		0:02:32	0:00:28		YES	NO
10:11:58	10:12:13		0:01:38	0:00:15		YES	NO
10:13:07	10:13:37		0:01:09	0:00:30		YES	NO
10:14:43	10:14:58		0:01:36	0:00:15		YES	NO
10:15:57	10:16:24		0:01:14	0:00:27	0:00:26	NO	NO
10:27:06	10:27:57		0:11:09	0:00:51		NO	NO
10:32:48	10:33:41		0:05:42	0:00:53		NO	NO
10:38:04	10:38:43		0:05:16	0:00:39		NO	NO
LEFT AREA							
11:10:00		*		* #####		NO	NO
11:20:26	11:21:29		0:10:26	0:01:03		NO	NO
11:32:56	11:33:57		0:12:30	0:01:01		NO	NO
11:44:20	11:45:18		0:11:24	0:00:58		NO	NO
11:57:01	11:58:03		0:12:41	0:01:02		NO	NO
12:07:07	12:07:54		0:10:06	0:00:47		NO	NO
12:17:48	12:18:54		0:10:41	0:01:06		NO	NO
12:27:41	12:28:39		0:09:53	0:00:58		NO	NO
12:37:18	12:38:22		0:09:37	0:01:04		NO	NO
12:46:47	12:47:43		0:09:29	0:00:56		NO	NO
13:39:20	13:40:36	*	0:52:33	0:01:16		NO	YES
13:47:52	13:48:54		0:08:32	0:01:02		NO	NO
13:57:18	13:58:21		0:09:26	0:01:03		NO	NO
14:06:39	14:07:40		0:09:21	0:01:01		NO	NO
14:15:13	14:16:05		0:08:34	0:00:52		NO	NO
14:24:26	14:25:31		0:09:13	0:01:05		NO	NO
14:32:35	14:33:26		0:08:09	0:00:51		NO	NO
14:42:40	14:43:44		0:10:05	0:01:04		NO	NO
14:52:12	14:53:19		0:09:32	0:01:07		NO	NO
15:00:02	15:01:03		0:07:50	0:01:01		NO	NO
15:10:14	15:11:22		0:10:12	0:01:08		NO	NO
15:18:35	15:19:16		0:08:21	0:00:41		NO	NO
15:51:55	15:52:57	*	0:33:20	0:01:02		NO	YES

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 15, 1995

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
15:58:17	15:59:21		0:06:22		0:01:04		NO	NO
16:06:06	16:07:08		0:07:49		0:01:02		NO	NO
16:13:35	16:14:42		0:07:29		0:01:07		NO	NO
16:22:09	16:23:16		0:08:34		0:01:07		NO	NO
16:30:24	16:31:33		0:08:15		0:01:09		NO	NO
16:39:54	16:41:00		0:09:30		0:01:06		NO	NO
16:47:38	16:48:34		0:07:44		0:00:56		NO	NO
16:54:57	16:56:01		0:07:19		0:01:04		NO	NO
17:01:56	17:03:12		0:06:59		0:01:16		NO	NO
17:10:36	17:11:43		0:08:40		0:01:07		NO	NO
17:19:27	17:20:30		0:08:51		0:01:03		NO	NO
17:28:10	17:29:06		0:08:43		0:00:56		NO	NO
17:37:10	17:38:04		0:09:00		0:00:54		NO	NO
17:46:02	17:47:05		0:08:52		0:01:03		NO	NO
17:54:58	17:56:00		0:08:56		0:01:02		NO	NO
18:03:02	18:04:09		0:08:04		0:01:07		NO	NO
18:29:23	18:30:00	*	0:26:21	0:08:57	0:00:37	0:01:00	YES	YES
18:32:35	18:33:08		0:03:12		0:00:33		YES	NO
18:35:20	18:35:50		0:02:45		0:00:30		YES	NO
18:37:10	18:37:15		0:01:50		0:00:05		YES	NO
18:38:16	18:38:47		0:01:06		0:00:31		YES	NO
18:40:56	18:41:24		0:02:40		0:00:28		YES	NO
18:42:36	18:42:45		0:01:40		0:00:09		YES	NO
18:43:49	18:44:15		0:01:13		0:00:26		YES	NO
18:46:23	18:46:46		0:02:34		0:00:23		YES	NO
18:49:00	18:49:30		0:02:37		0:00:30		YES	NO
18:50:38	18:50:42		0:01:38		0:00:04		YES	NO
18:51:45			0:01:07	0:02:02	* #####	0:00:22	YES	NO
18:54:23	18:54:56	*	0:02:38		* 0:00:33		NO	NO
19:06:07	19:07:06	*	0:11:44		* 0:00:59		NO	NO
LEFT AREA								

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 15TH (SATURDAY)

09:09 Frolic
 09:09 Jet (?)
 09:09 Twig on and very strong - Clepsydra on - Spasm off and empty - Sizzler off -
 Ft'n pool at 16"
 09:14:51 Jet (62 s)
 09:19 Sizzler on
 09:23 Bear Claw
 09:28 Spasm on
 09:31 Sub
 09:35 Sizzler off (16 m)
 09:37 Deep Blue (large bursts !)
 09:45 Fountain !!!!! (16" from top) (totally unexpected) *****
 09:46:49 Jet (53 s)
 09:48 Spasm flooded (20m)
 09:50 Bear Claw to 2'
 09:50:29 Jet (45 s)
 09:53:39 Jet (33 s) (good bursts)
 09:54 Twig was going crazy !
 09:56:21 Jet (33 s)
 09:59:09 Jet (31 s) Beautiful
 10:01:57 Jet (28 s) eruption !
 10:02 Clepsydra began pounding steam phase
 10:03:41 Jet (few seconds)
 10:04:58 Jet (30 s)
 10:06:40 Jet (10 s)
 10:07:48 Jet (40 s)
 10:08 Clepsydra had lots of steam and noise
 10:10:20 Jet (28 s)
 10:11:58 Jet (15 s)
 10:13:07 Jet (30 s)
 10:14:43 Jet (15 s)
 10:15 Fountain off (30 m) ++++++
 10:15:57 Jet (27 s)
 10:16 Twig still on - Spasm off - Clepsydra in steam phase
 10:19 Fountain drained out of sight
 10:19 Bear Claw
 10:26 Twig off (>1h 17m)
 10:27:06 Jet (51 s)
 10:28 Clepsydra began pause
 10:30 Clepsydra splashed
 10:32 Clepsydra almost back to normal
 10:32:48 Jet (53 s)
 10:35 Bear Claw off (16 m)
 10:38:04 Jet (39 s)
 10:41 Bear Claw
 ***** bathroom break
 11:10 Jet (?)

11:20:26	Jet (63 s)
11:20	Deep Blue (major bursts spaced about 5-30 s apart)
11:32:56	Jet (61 s)
11:44:20	Jet (58 s)
11:57:01	Jet (62 s)
12:00	Kaleidoscope - also something just to the right of Kaleidoscope was erupting during and after Kaleidoscope's bursts
12:04	Kaleidoscope
12:05	Ft'n pool just barely visible from boardwalk
12:07:07	Jet (47 s)
12:17:48	Jet (66 s)
12:27:41	Jet (58 s)
12:31	Deep Blue (5 bursts spaced about 5-10 s apart)
12:37:18	Jet (64 s)
12:45	Ft'n pool at 18" - just into back channel - some steam in Spasm, no water - about halfway into Fountain cycle
12:46:47	Jet (56 s)
12:48	water visible in Spasm
12:51	Sizzler on
13:04	Honeycomb
13:08	Sizzler off (17 m)
13:09	Ft'n pool up to 16" - all "islands" covered in bottom of pool
13:23	Frolic
13:39:20	Jet (76 s) (a weak start)
13:43	Ft'n pool up to 14"
13:47:52	Jet (62 s)
13:53	Ft'n pool still rising
13:57:18	Jet (63 s)
14:01	Ft'n pool pretty steady at 14"
14:06:39	Jet (61 s)
14:13	Spasm on - from low pool
14:15:13	Jet (52 s)
14:24:26	Jet (65 s)
14:32:35	Jet (51 s)
14:42:40	Jet (64 s)
14:50	Ft'n pool up 1" to 13"
14:52:12	Jet (67 s)
15:00:02	Jet (61 s)
15:10:14	Jet (68 s)
15:18:35	Jet (41 s)
15:25	Sizzler on
15:41	Sizzler off (16 m)
15:45	Ft'n pool at 12"
15:51:55	Jet (62 s)
15:58:17	Jet (64 s)
16:06:06	Jet (62 s)
16:13:35	Jet (67 s)
16:22:09	Jet (67 s)
16:30:24	Jet (69 s)

16:31 Spasm still on - Clepsydra on - rain storm was on its way !
 16:34 Sub
 16:39:54 Jet (64 s)
 16:47 Twig sputted
 16:47:38 Jet (56 s)
 16:48 Ft'n pool up to 11"
 16:50 Drain ?
 16:54:57 Jet (64 s)
 16:57 Twig sputted again
 17:01:56 Jet (78 s)
 17:10:36 Jet (67 s)
 17:19:27 Jet (63 s)
 17:28:10 Jet (56 s)
 17:37:10 Jet (54 s)
 17:46:02 Jet (63 s)
 17:54:58 Jet (62 s)
 17:55 Spasm really active
 17:59 Frolic
 18:03:02 Jet (67 s)
 18:09 Sizzler on
 18:21 Fountain ! (11" below top) *****
 18:24 Spasm flooded (4h 11m)
 18:26 Sizzler off (17m)
 18:27 Morning's Thief sputted all to myself !
 18:29:23 Jet (37 s)
 18:32 Morning's Thief up 5-6'
 18:32:35 Jet (33 s)
 18:35:20 Jet (30 s)
 18:37:10 Jet (one splash)
 18:38:16 Jet (31 s)
 18:40:56 Jet (28 s)
 18:42:36 Jet (9 s)
 18:43:49 Jet (26 s)
 18:46:23 Jet (23 s)
 18:49:00 Jet (30 s)
 18:50:38 Jet (few seconds)
 18:51:45 Jet (?)
 18:53 Fountain off (32 m) ++++++
 18:54:23 Jet (33 s)
 19:03 Clepsydra paused
 19:06:07 Jet (59 s)
 19:07 Clepsydra resumed
 19:10 Bear Claw
 19:16 *****

JULY 16TH (SUNDAY)

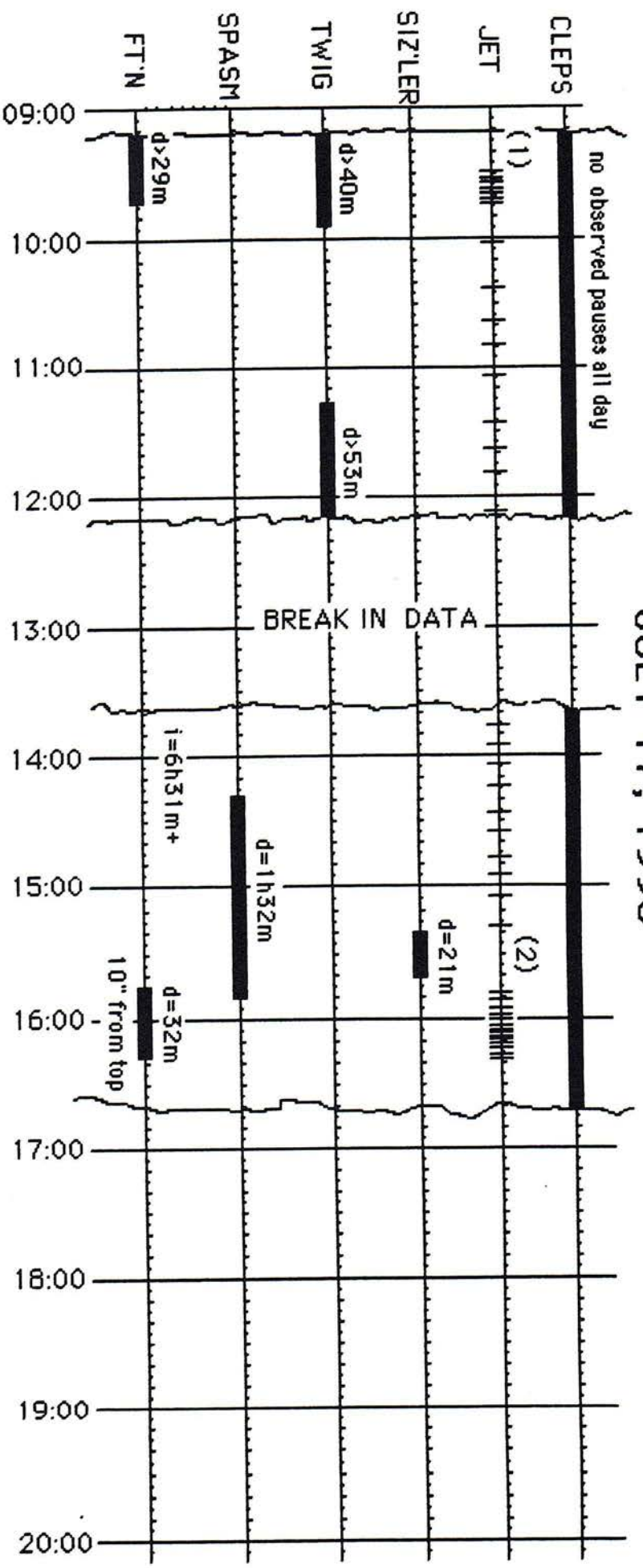
went to Canyon to wash clothes

19:02 Little Cub

19:05 Plate

19:22 Plume

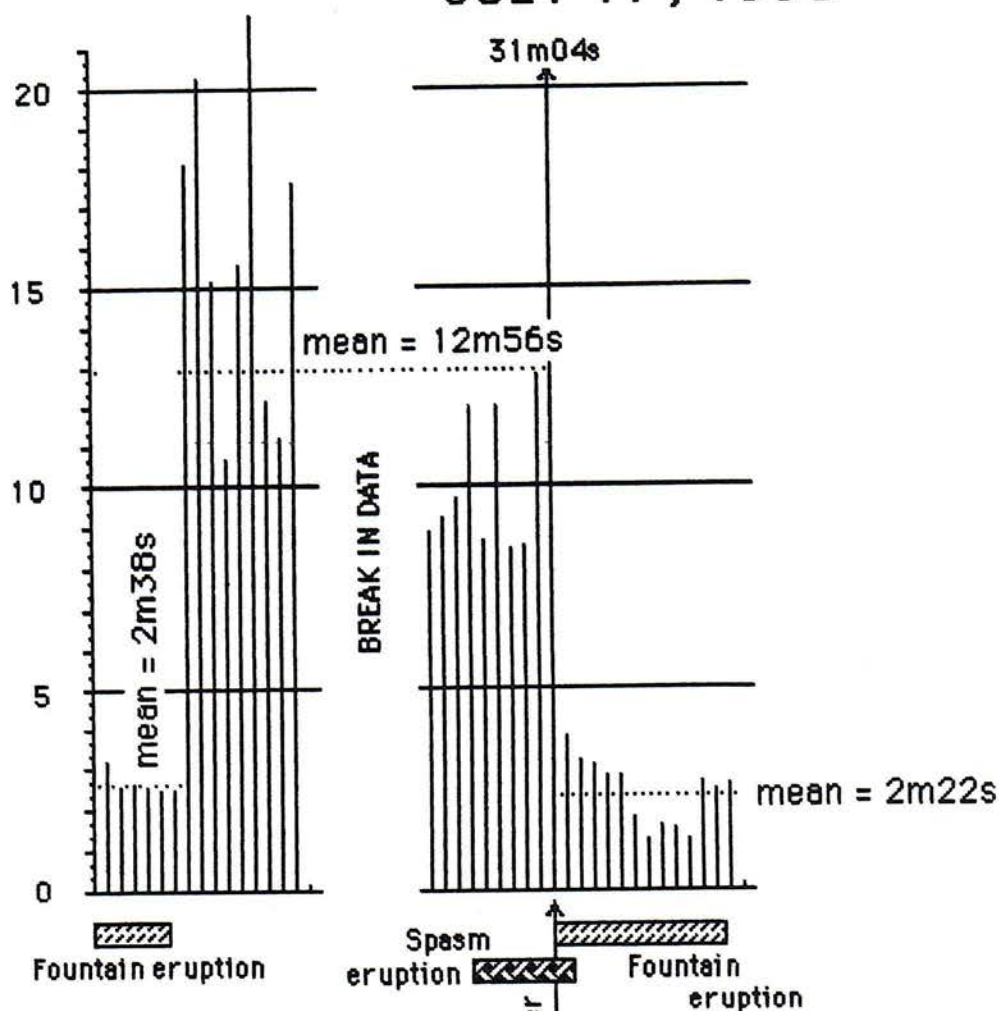
JULY 17, 1995



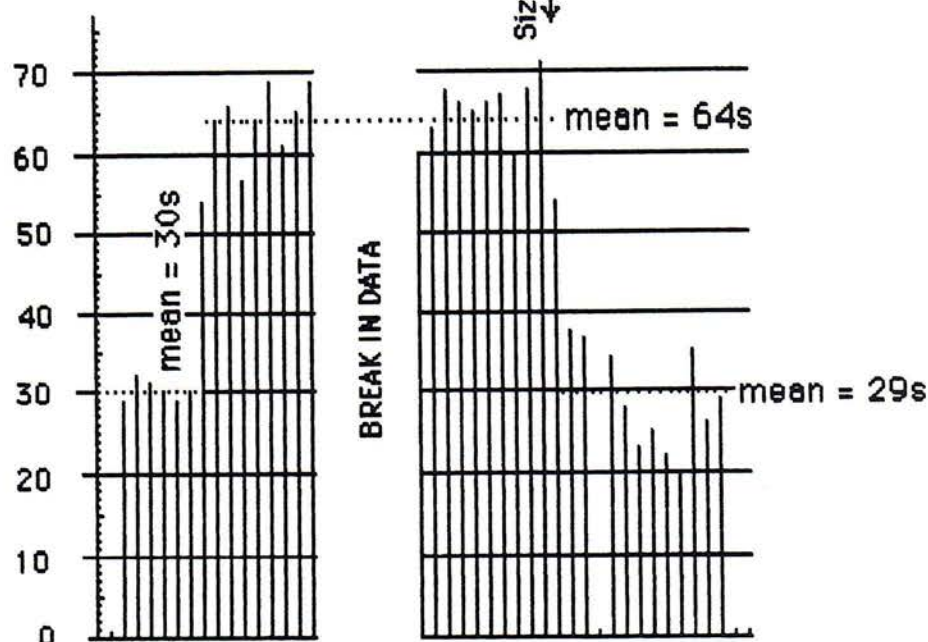
- (1) There were probably Jet eruptions in this period that were not observed.
- (2) Jet stopped as Sizzler erupted without Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 17, 1995

INTERVALS IN MINUTES



DURATIONS IN SECONDS



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 17, 1995

1

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:29:00		*		* #####		YES	NO
9:32:11	9:32:40	0:03:11		0:00:29		YES	NO
9:34:43	9:35:15	0:02:32		0:00:32		YES	NO
9:37:20	9:37:51	0:02:37		0:00:31		YES	NO
9:39:51	9:40:21	0:02:31		0:00:30		YES	NO
9:42:19	9:42:48	0:02:28		0:00:29		YES	NO
9:44:47	9:45:17	0:02:28	0:02:38	0:00:30	0:00:30	NO	NO
10:02:53	10:03:47	0:18:06		0:00:54		NO	NO
10:23:11	10:24:15	0:20:18		0:01:04		NO	NO
10:38:21	10:39:27	0:15:10		0:01:06		NO	NO
10:49:00	10:49:57	0:10:39		0:00:57		NO	NO
11:04:31	11:05:35	0:15:31		0:01:04		NO	NO
11:26:19	11:27:28	0:21:48		0:01:09		NO	NO
11:38:26	11:39:27	0:12:07		0:01:01		NO	NO
11:49:38	11:50:43	0:11:12		0:01:05		NO	NO
12:07:14	12:08:23	0:17:36		0:01:09		NO	NO
LEFT AREA							
13:46:44	13:47:44	*		0:01:00		NO	NO
13:55:41	13:56:44	0:08:57		0:01:03		NO	NO
14:04:56	14:06:04	0:09:15		0:01:08		NO	NO
14:14:35	14:15:41	0:09:39		0:01:06		NO	NO
14:26:36	14:27:41	0:12:01		0:01:05		NO	NO
14:35:16	14:36:22	0:08:40		0:01:06		NO	NO
14:47:15	14:48:22	0:11:59		0:01:07		NO	NO
14:55:42	14:56:42	0:08:27		0:01:00		NO	NO
15:04:13	15:05:21	0:08:31		0:01:08		NO	NO
15:17:00	15:18:11	0:12:47		0:01:11		NO	NO
15:48:04	15:48:58	* 0:31:04	0:12:56	0:00:54	0:01:04	YES	YES
15:51:52	15:52:30	0:03:48		0:00:38		YES	NO
15:55:05	15:55:42	0:03:13		0:00:37		YES	NO
15:58:09		0:03:04		* #####		YES	NO
16:00:56	16:01:30	0:02:47		0:00:34		YES	NO
16:03:44	16:04:12	0:02:48		0:00:28		YES	NO
16:05:30	16:05:53	0:01:46		0:00:23		YES	NO
16:06:45	16:07:10	0:01:15		0:00:25		YES	NO
16:08:23	16:08:45	0:01:38		0:00:22		YES	NO
16:09:54	16:10:14	0:01:31		0:00:20		YES	NO
16:11:11	16:11:46	0:01:17		0:00:35		YES	NO
16:13:51	16:14:17	0:02:40		0:00:26		YES	NO
16:16:19	16:16:48	0:02:28		0:00:29		YES	NO
16:18:55		0:02:36	0:02:22	* #####	0:00:29	NO	NO
LEFT AREA							

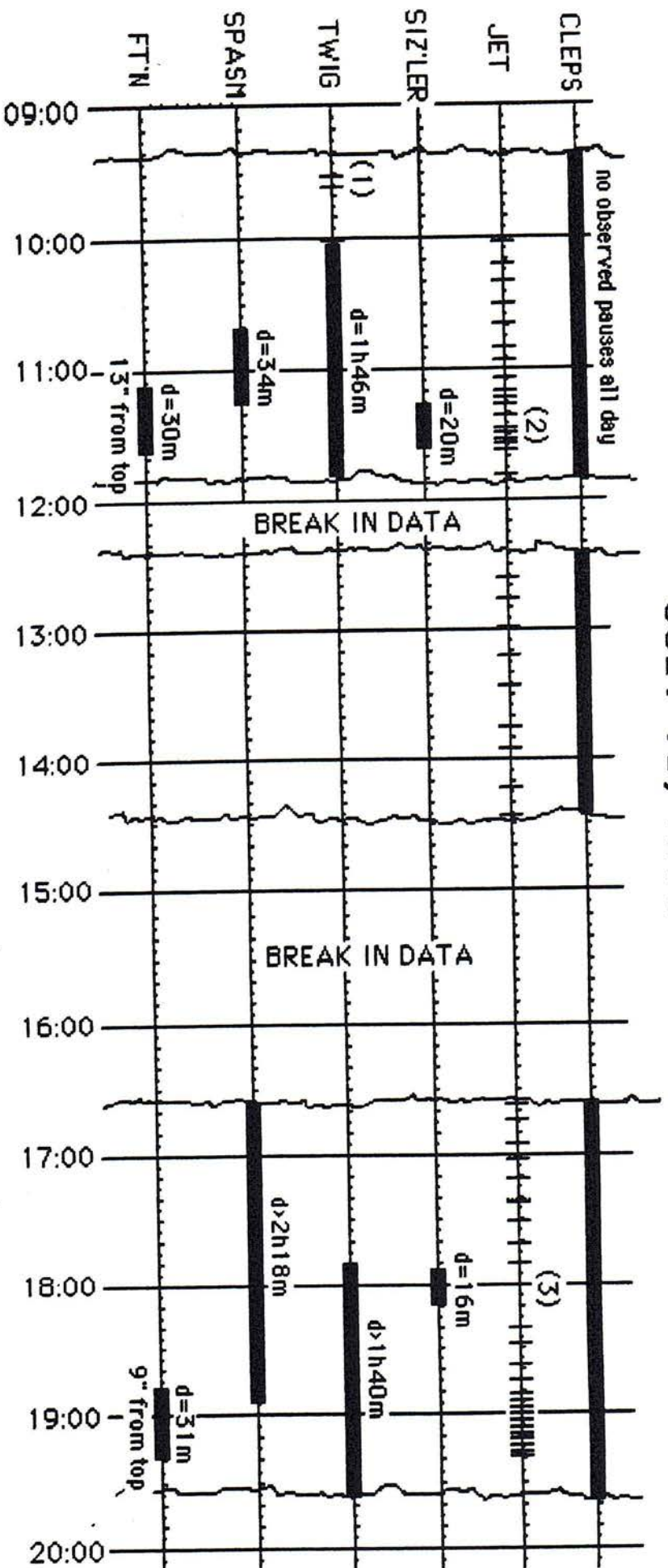
BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 17TH (MONDAY)

09:14 Fountain 1 (IE) *****
 09:29 Spasm flooded - Twig on - Clepsydra pounding - Sizzler off
 09:29 Jet (?)
 09:32:11 Jet (29 s)
 09:33 Twig very powerful
 09:34:43 Jet (32 s)
 09:35 Bear Claw - powerful 1 to 2'
 09:37:20 Jet (31 s)
 09:39:51 Jet (30 s)
 09:40 Twig to 20'
 09:42:19 Jet (29 s) powerful!
 09:43 Fountain off (>29 m) ++++++
 09:44:47 Jet (30 s)
 09:45 Deep Blue
 09:48 Fountain pool drained
 09:54 Twig off (>40 m)
 10:02:53 Jet (54 s)
 no pause for Clepsydra
 10:11 Deep Blue
 10:23:11 Jet (64 s)
 10:35 Drain? bursting, wide explosion in area of Kaleidoscope followed by same
 action 2 m later, followed by another big burst 1 m later
 10:38:21 Jet (66 s)
 10:45 Deep Blue and something smaller to the right of Kaleidoscope
 10:49:00 Jet (57 s)
 10:55 Honey's Vent comes on - acting more like a geyser this year - stopping and
 starting
 10:58 Sub
 11:04:31 Jet (64 s)
 11:15 smaller thing to right of Kaleidoscope
 11:17 Twig on
 11:19 Deep Blue
 11:26:19 Jet (69 s)
 11:38:26 Jet (61 s)
 11:47 Deep Blue
 11:49:38 Jet (65 s)
 12:07:14 Jet (69 s)
 12:10 Frolic
 ##### bathroom and lunch break - to cabin
 13:39 Spasm came up - Twig off - Ft'n pool at 13" - Sizzler off - Jet off
 13:46:44 Jet (60 s)
 13:52 Deep Blue
 13:55:41 Jet (63 s)
 14:01 Ft'n pool up 2" to 11"
 14:04 Deep Blue
 14:04:56 Jet (68 s)
 14:09 smaller thing to right of Kaleidoscope
 14:14:35 Jet (66 s)
 14:18 Spasm on
 14:23 Ft'n pool up 1 1/2" to 10 1/2"

14:26 Ft'n pool up another 1/2" to 10"
 14:26:36 Jet (65 s)
 14:35:16 Jet (66 s)
 14:47:15 Jet (67 s)
 14:55:42 Jet (60 s)
 {no Sizzler all day !}
 15:04:13 Jet (68 s)
 15:10 Ft'n pool at 10"
 15:13 Ft'n pool down 1/2"
 15:17:00 Jet (71 s)
 15:19 Ft'n pool up 1/2"
 15:20 Sizzler on
 15:29 Sub
 15:33 Kaleidescope
 15:41 Sizzler off (21 m)
 15:45:45 Fountain I (10" from top) *****
 15:47 Drain
 15:48:04 Jet (54 s)
 15:50 Spasm flooded (1h 32m)
 15:51:52 Jet (38 s)
 15:55:05 Jet (37 s)
 15:57 Morning's Thief to 8-10'
 15:58:09 Jet (?)
 15:59 Deep Blue
 16:00:56 Jet (34 s)
 16:03:44 Jet (28 s)
 16:05:30 Jet (23 s)
 16:06:45 Jet (25 s)
 16:08:23 Jet (22 s)
 16:09:54 Jet (20 s)
 16:11:11 Jet (35 s)
 16:13:51 Jet (26 s)
 16:16:19 Jet (29 s)
 16:17 Fountain off (32 m) ++++++
 16:18:55 Jet (?)
 16:21 Ft'n pool out of sight
 16:24 Frolic
 16:30 Kaleidescope
 16:35 Kaleidescope
 16:39 Clepsydra was still going - everything else is off
 #####
 17:11 Flood
 #####
 18:36 Grotto Fountain
 18:39 Grotto
 18:39 South Grotto Fountain
 20:01 Riverside
 20:32 Rocket major

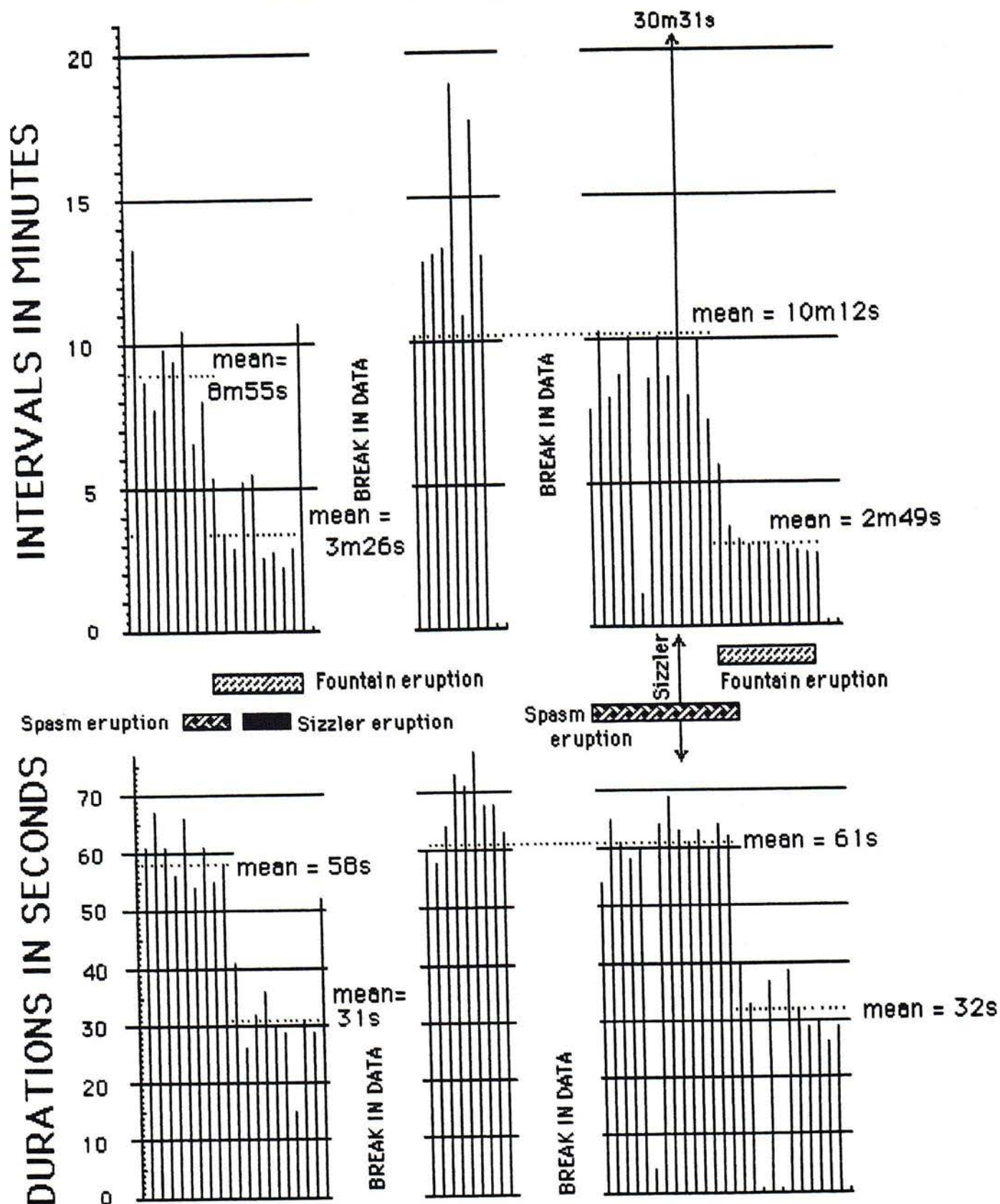
JULY 18, 1995



- (1) Twig had a couple of false starts as it sputtered a few times before disappearing.
- (2) Jet continued to erupt through Sizzler's eruption with Fountain erupting, but was seemingly affected by it. Jet had cut its interval down below 3m prior to Sizzler's eruption and then had two long intervals (5m 11s and 5m 27s) before settling back into its normal short intervals.

- (3) Jet stopped erupting when Sizzler erupted without Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 18, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 18, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:49:41	9:50:42	*			0:01:01		NO	NO
10:02:58	10:04:05		0:13:17		0:01:07		NO	NO
10:12:38	10:13:39		0:09:40		0:01:01		NO	NO
10:20:22	10:21:18		0:07:44		0:00:56		NO	NO
10:30:09	10:31:15		0:09:47		0:01:06		NO	NO
10:39:32	10:40:26		0:09:23		0:00:54		NO	NO
10:50:02	10:51:03		0:10:30		0:01:01		NO	NO
10:56:40	10:57:35		0:06:38		0:00:55		NO	NO
11:04:39	11:05:37		0:07:59		0:00:58		NO	NO
11:10:00	11:10:41		0:05:21	0:08:55	0:00:41	0:00:58	YES	NO
11:13:28	11:13:54		0:03:28		0:00:26		YES	NO
11:16:25	11:16:57		0:02:57		0:00:32		YES	NO
11:21:36	11:22:12		0:05:11		0:00:36		YES	YES
11:27:03	11:27:33		0:05:27		0:00:30		YES	YES
11:29:35	11:30:04		0:02:32		0:00:29		YES	YES
11:32:20	11:32:35		0:02:45		0:00:15		YES	YES
11:34:36	11:35:07		0:02:16		0:00:31		YES	YES
11:37:30	11:37:59		0:02:54		0:00:29		YES	NO
11:48:11	11:49:03	*	0:10:41	0:03:26	0:00:52	0:00:31	NO	NO
LEFT AREA								
12:36:01	12:37:01				0:01:00		NO	NO
12:46:12	12:47:10		0:10:11		0:00:58		NO	NO
12:54:56	12:56:00		0:08:44		0:01:04		NO	NO
13:12:57	13:14:10		0:18:01		0:01:13		NO	NO
13:26:10	13:27:21		0:13:13		0:01:11		NO	NO
13:45:08	13:46:25		0:18:58		0:01:17		NO	NO
13:55:58	13:57:06		0:10:50		0:01:08		NO	NO
14:13:41	14:14:49		0:17:43		0:01:08		NO	NO
14:26:37	14:27:40		0:12:56		0:01:03		NO	NO
LEFT AREA								
16:37:12	16:38:06	*			0:00:54		NO	NO
16:44:44	16:45:49		0:07:32		0:01:05		NO	NO
16:55:05	16:56:06		0:10:21		0:01:01		NO	NO
17:02:59	17:03:57		0:07:54		0:00:58		NO	NO
17:11:42	17:12:42		0:08:43		0:01:00		NO	NO
17:21:45	17:21:52		0:10:03		0:00:07		NO	NO
17:22:51	17:23:55		0:01:06		0:01:04		NO	NO
17:31:28	17:32:37		0:08:37		0:01:09		NO	NO
17:41:30	17:42:33		0:10:02		0:01:03		NO	NO
17:50:12	17:51:13		0:08:42		0:01:01		NO	NO
18:20:43	18:21:46	*	0:30:31		0:01:03		NO	YES
18:28:44	18:29:44		0:08:01		0:01:00		NO	NO
18:38:44	18:39:48		0:10:00		0:01:04		NO	NO
18:45:52	18:46:54		0:07:08		0:01:02		NO	NO

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 18, 1995

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
18:51:26	18:52:06	0:05:34	0:10:12	0:00:40	0:01:01	YES	NO
18:54:56	18:55:29	0:03:30		0:00:33		YES	NO
18:57:56		0:03:00		* #####		YES	NO
19:00:43	19:01:20	0:02:47		0:00:37		YES	NO
19:03:38		0:02:55		* #####		YES	NO
19:06:31	19:07:10	0:02:53		0:00:39		YES	NO
19:09:09	19:09:41	0:02:38		0:00:32		YES	NO
19:11:55	19:12:24	0:02:46		0:00:29		YES	NO
19:14:33	19:15:03	0:02:38		0:00:30		YES	NO
19:17:08	19:17:34	0:02:35		0:00:26		YES	NO
19:19:41	19:20:10	0:02:33	0:02:49	0:00:29	0:00:32	NO	NO
LEFT AREA							

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 18TH (TUESDAY)

09:21 Spasm drained - everything else is off except Clepsydra - Ft'n pool at 15" -
looks like Sizzler may have just recently erupted

09:24 water in bottom of Spasm

09:31 Twig sputted

09:36 Twig sputted again

09:38 Bear Claw

09:42 Frolic

09:44 Deep Blue

09:49:41 Jet (61 s)

09:49 Bear Claw

10:01 Twig sputted

10:02:58 Jet (67 s)

10:03 Twig on

10:12:38 Jet (61 s)

10:19 Deep Blue

10:20:22 Jet (56 s)

10:22 Bear Claw

10:24 Ft'n pool at 14"

10:25 Spasm pool 1/2 full

10:27 Ft'n pool up to 13"

10:30:09 Jet (66 s)

10:35 Spasm pool drained - water still visible in bottom

10:37 Spasm filled fast

10:39 Spasm 1/2 full again

10:39:32 Jet (54 s)

10:41 Spasm on

10:46 Bear Claw major

10:50:02 Jet (61 s)

10:51 Ft'n pool stayed the same

10:55 Spasm pool overflowed

10:56:40 Jet (55 s)

11:04:39 Jet (58 s)

11:06 Ft'n pool was at same level

11:07 Ft'n pool surged

11:07 Fountain ! (13" from top) *****

11:10:00 Jet (41 s)

11:12 Bear Claw major

11:13:28 Jet (26 s)

11:15 Spasm flooded (34m)

11:16:25 Jet (32 s)

11:16:43 Sizzler on

11:17 Ft'n burst to 100'

11:18 Clepsydra pounded

11:20 Ft'n burst over 100'

11:21:07 Ft'n big burst

11:21:36 Jet (36 s)

11:27:03 Jet (30 s)

11:29:35 Jet (29 s)
 11:30 Deep Blue
 11:32:20 Jet (15 s)
 11:34:36 Jet (31 s)
 11:36 Sizzler off (20 m)
 11:37:30 Jet (29 s)
 11:37 Fountain off (30 m) ++++++
 11:40 Twig still on
 11:48:11 Jet (52 s)
 11:49 Twig off (1h 46 m)
 ***** bathroom break
 12:26 everything off except Clepsydra
 12:30 Deep Blue - almost constant boils
 12:30 Frolic
 12:36:01 Jet (60 s)
 12:46:12 Jet (58 s)
 12:59:56 Jet (64 s)
 13:05 Deep Blue major
 13:12:57 Jet (73 s) (slow start)
 13:15 Ft'n pool just visible from boardwalk, 20+" down - Spasm dry - Twig dry -
 Sizzler dry
 13:26:10 Jet (71 s) (slow start)
 13:35 water in bottom of Spasm
 13:40 Ft'n pool to 17"
 13:45:08 Jet (77 s)
 13:55:58 Jet (68 s)
 14:13:41 Jet (68 s)
 14:26:37 Jet (63 s)

 16:06 Great Fountain

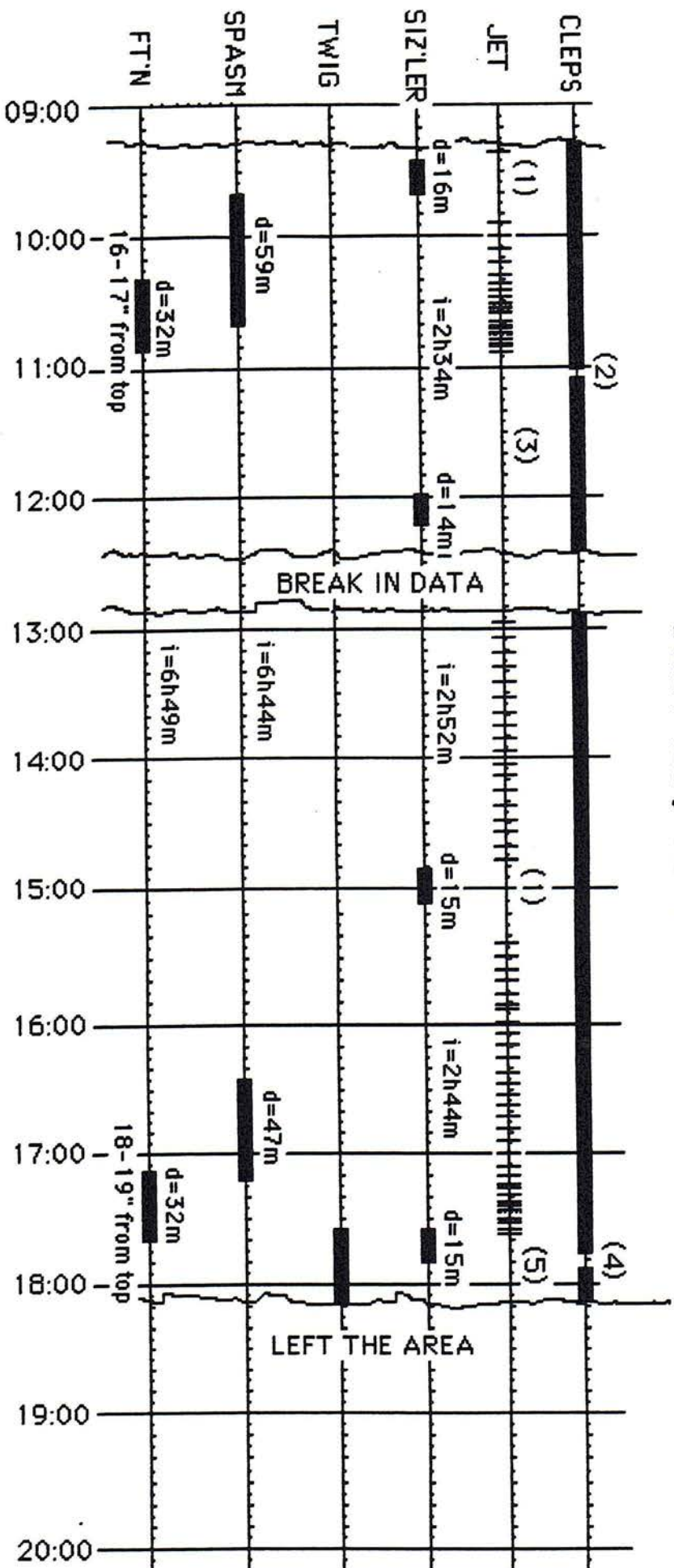
 16:36 Spasm on and overflowing - Ft'n pool at 12"
 16:37:12 Jet (54 s)
 16:44:44 Jet (65 s)
 16:55:05 Jet (61 s)
 17:02:59 Jet (58 s)
 17:11 Sub
 17:11:42 Jet (60 s)
 17:13 little something near Kaleidoscope
 17:21:45 Jet (one spurt)
 17:22:51 Jet (64 s)
 17:31:28 Jet (69 s)
 17:41:30 Jet (63 s)
 17:50:12 Jet (61 s)
 17:50 Twig on
 17:53 Sizzler on
 18:09 Sizzler off (16 m)
 18:20:43 Jet (63 s)
 18:28:44 Jet (60 s)

18:31	Ft'n pool crept up 1/2" to 9"	
18:38:44	Jet (64 s)	
18:41	Deep Blue	
18:45:52	Jet (62 s)	
18:47	Ft'n pool up to 8" (begin surge)	
18:48:42	Fountain ! (9" from top) *****	
18:51:26	Jet (40 s)	
18:54	Spasm flooded (>2h 18m)	Great eruption ! We (Jeff
18:54:56	Jet (33 s)	Davis and nephew T.K.) got
18:57:56	Jet (?)	wet a couple of times from
19:00:43	Jet (37 s)	bursts that went over the
19:03:38	Jet (?)	boardwalk
19:06:31	Jet (39 s)	
19:09:09	Jet (32 s)	
19:11:55	Jet (29 s)	
19:14:33	Jet (30 s)	
19:17:08	Jet (26 s)	
19:19:29	Fountain off (31 m) ++++++	
19:19:41	Jet (29 s)	
19:20	Twig still going	
19:27	Spasm draining - Clepsydra still going - Twig still going	
19:30	left area	
#####		

JULY 15TH (WEDNESDAY)

22:12	Plume
22:30	Little Cub
22:47	Plume
22:56	Lion

JULY 20, 1995



(1) Jet stopped erupting as Sizzler erupted without Fountain erupting.

(2) 1m after Fountain stopped, Clepsydra paused for 3m.

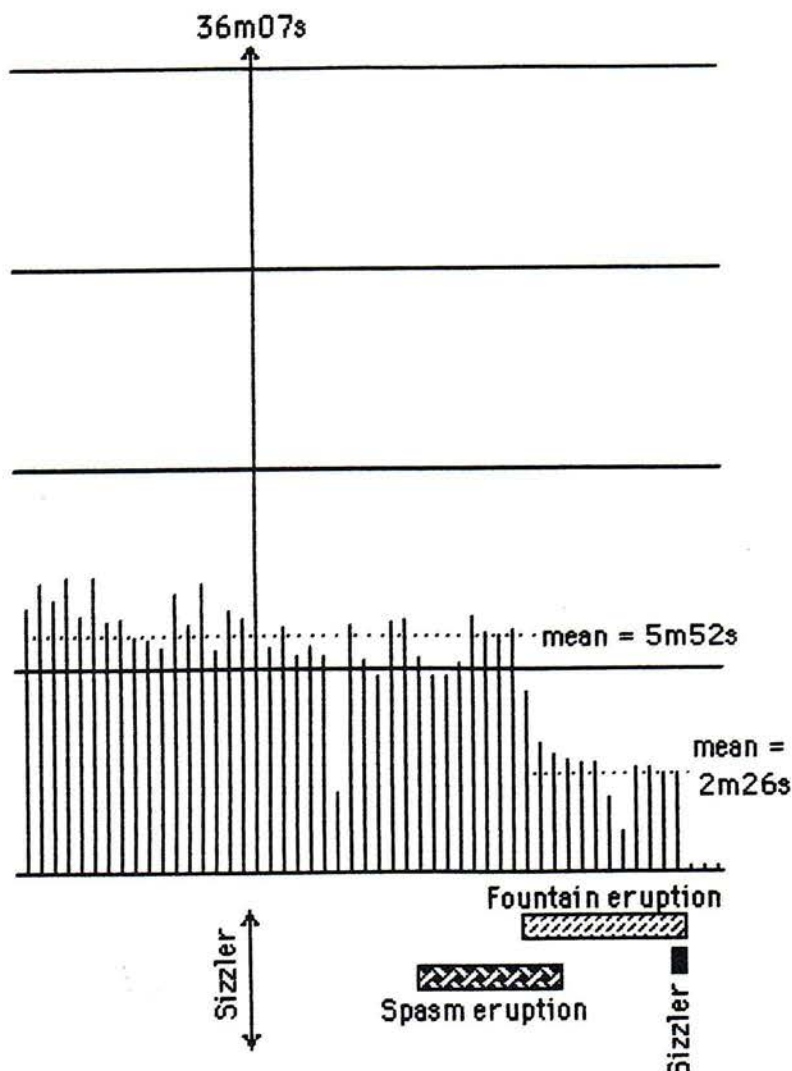
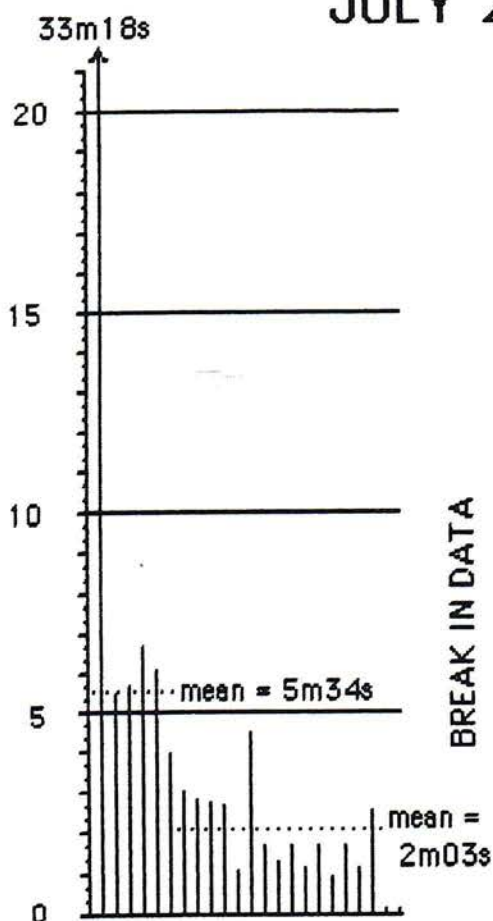
(3) Jet stopped for over 1h30m after Fountain stopped. This was the usual behavior in 1994, but was unusual this year. (see graphs of July 15, 17 and 18 for the usual behavior.

(4) 7m after Fountain stopped, Clepsydra paused for 5m.

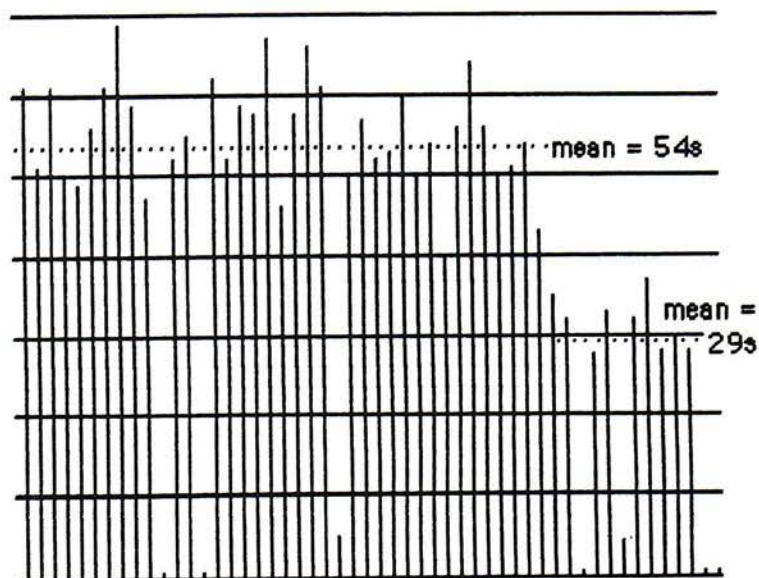
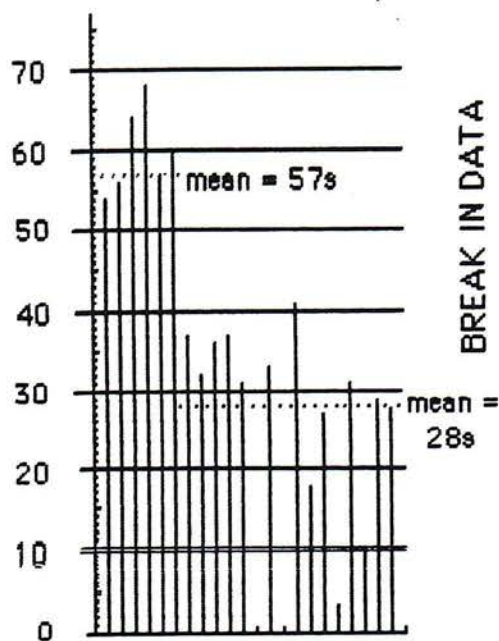
(5) Jet stopped erupting after Fountain stopped. See note (3) above. Sizzler was erupting in concert with Fountain as Fountain stopped. So Jet's pause could be attributable to Sizzler being in eruption without Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 20, 1995

INTERVALS IN MINUTES



DURATIONS IN SECONDS



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 20, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:21:36	9:22:30				0:00:54		NO	NO
9:54:54	9:55:50	*	0:33:18		0:00:56		NO	YES
10:00:22	10:01:26		0:05:28		0:01:04		NO	NO
10:06:03	10:07:11		0:05:41		0:01:08		NO	NO
10:12:44	10:13:41		0:06:41		0:00:57		NO	NO
10:18:48	10:19:48		0:06:04		0:01:00		NO	NO
10:22:45	10:23:22		0:03:57	0:05:34	0:00:37	0:00:57	YES	NO
10:25:43	10:26:15		0:02:58		0:00:32		YES	NO
10:28:32	10:29:08		0:02:49		0:00:36		YES	NO
10:31:16	10:31:53		0:02:44		0:00:37		YES	NO
10:33:57	10:34:28		0:02:41		0:00:31		YES	NO
10:35:00			0:01:03		#####		YES	NO
10:39:30	10:40:03		0:04:30		0:00:33		YES	NO
10:41:10			0:01:40		#####		YES	NO
10:42:27	10:43:08		0:01:17		0:00:41		YES	NO
10:44:06	10:44:24		0:01:39		0:00:18		YES	NO
10:45:15	10:45:42		0:01:09		0:00:27		YES	NO
10:46:56	10:47:02		0:01:41		0:00:06		YES	NO
10:47:54	10:48:25		0:00:58		0:00:31		YES	NO
10:49:36	10:49:46		0:01:42		0:00:10		YES	NO
10:50:46	10:51:15		0:01:10		0:00:29		YES	NO
10:53:23	10:53:51		0:02:37	0:02:03	0:00:28	0:00:28	NO	NO
LEFT AREA								YES
12:57:56	12:58:57				0:01:01		NO	NO
13:04:29	13:05:20		0:06:33		0:00:51		NO	NO
13:11:43	13:12:44		0:07:14		0:01:01		NO	NO
13:18:26	13:19:16		0:06:43		0:00:50		NO	NO
13:25:45	13:26:34		0:07:19		0:00:49		NO	NO
13:32:06	13:33:02		0:06:21		0:00:56		NO	NO
13:39:26	13:40:27		0:07:20		0:01:01		NO	NO
13:45:39	13:46:48		0:06:13		0:01:09		NO	NO
13:51:56	13:52:55		0:06:17		0:00:59		NO	NO
13:57:43	13:58:30		0:05:47		0:00:47		NO	NO
14:03:27			0:05:44		#####		NO	NO
14:08:58	14:09:50		0:05:31		0:00:52		NO	NO
14:15:53	14:16:48		0:06:55		0:00:55		NO	NO
14:22:00			0:06:07		#####		NO	NO
14:29:13	14:30:15		0:07:13		0:01:02		NO	NO
14:34:43	14:35:31		0:05:30		0:00:48		NO	NO
14:41:10	14:42:01		0:06:27		0:00:51		NO	NO
14:47:26	14:48:24		0:06:16		0:00:58		NO	NO
15:23:33	15:24:40	*	0:36:07		0:01:07		NO	YES
15:29:04	15:29:50		0:05:31		0:00:46		NO	NO
15:35:06	15:36:04		0:06:02		0:00:58		NO	NO

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

**JET GEYSER DATA
LOWER GEYSER BASIN
YELLOWSTONE NATIONAL PARK
JULY 20, 1995**

2

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
15:40:26	15:41:32	0:05:20		0:01:06		NO	NO
15:46:04	15:47:05	0:05:38		0:01:01		NO	NO
15:51:25	15:51:30	0:05:21		0:00:05		NO	NO
15:53:23	15:54:13	0:01:58		0:00:50		NO	NO
15:59:31	16:00:28	0:06:08		0:00:57		NO	NO
16:04:43	16:05:35	0:05:12		0:00:52		NO	NO
16:09:35	16:10:28	0:04:52		0:00:53		NO	NO
16:15:48	16:16:48	0:06:13		0:01:00		NO	NO
16:22:03	16:22:53	0:06:15		0:00:50		NO	NO
16:27:21	16:28:15	0:05:18		0:00:54		NO	NO
16:32:14	16:32:54	0:04:53		0:00:40		NO	NO
16:37:06	16:38:02	0:04:52		0:00:56		NO	NO
16:42:16	16:43:20	0:05:10		0:01:04		NO	NO
16:48:38	16:49:34	0:06:22		0:00:56		NO	NO
16:54:34	16:55:24	0:05:56		0:00:50		NO	NO
17:00:28	17:01:19	0:05:54		0:00:51		NO	NO
17:06:29	17:07:23	0:06:01		0:00:54		NO	NO
17:10:55	17:11:38	0:04:26	0:05:52	0:00:43	0:00:54	YES	NO
17:14:02	17:14:37	0:03:07		0:00:35		YES	NO
17:16:52	17:17:24	0:02:50		0:00:32		YES	NO
17:19:37		0:02:45		#####		YES	NO
17:22:19	17:22:47	0:02:42		0:00:28		YES	NO
17:24:58	17:25:31	0:02:39		0:00:33		YES	NO
17:26:47	17:26:51	0:01:49		0:00:04		YES	NO
17:27:47	17:28:19	0:01:00		0:00:32		YES	NO
17:30:21	17:30:58	0:02:34		0:00:37		YES	NO
17:32:54	17:33:22	0:02:33		0:00:28		YES	NO
17:35:20	17:35:50	0:02:26		0:00:30		YES	NO
17:37:45	17:38:13	0:02:25		0:00:28		YES	YES
LEFT AREA			0:02:26		0:00:29	NO	NO

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

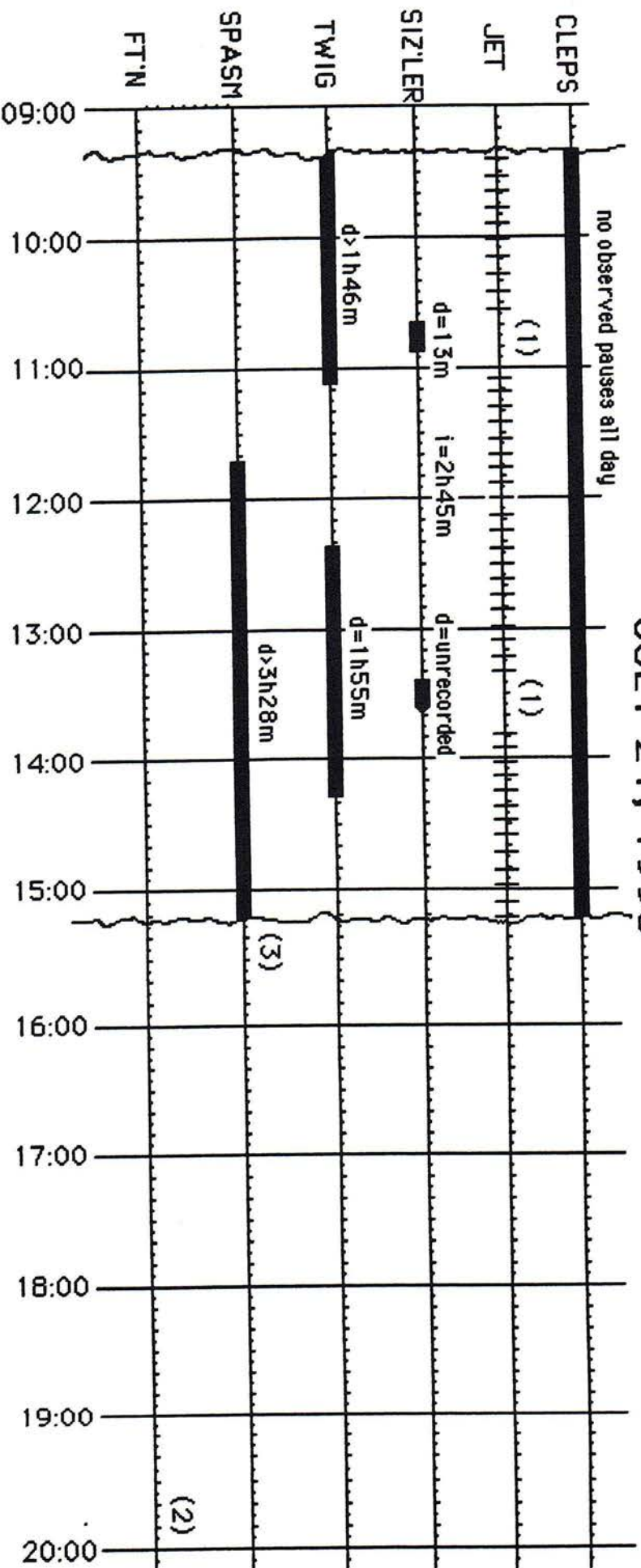
JULY 20TH (THURSDAY)

09:19 Spasm empty - Clepsydra going - Twig off - Sizzler off - Ft'n pool at 16-17"
 09:21:36 Jet (54 s)
 09:25 Sizzler on
 09:41 Sizzler off (16 m)
 09:41 Spasm on
 09:46 Old Cone Geyser on ! First time I've seen this one in an old cone
 above and behind Twig from the sign by Fountain. Twig-type eruption 8-12"
 high it's on hillside behind *Volcanic Tablelands* sign
 09:54:54 Jet (56 s)
 09:58 Ft'n pool still at 16-17"
 10:00:22 Jet (64 s)
 10:06:03 Jet (68 s)
 10:08 Spasm overflowed into Jelly
 10:09 Bear Claw (Central and West vents)(East vent fills with water, but does not
 erupt)
 10:12 Bear Claw off (3 m)
 10:12:44 Jet (57 s)
 10:16 Old Cone Geyser still going
 10:18:48 Jet (60 s)
 10:19 Fountain !!!!! (16-17" from top) (surprise !) *****
 10:22:45 Jet (37 s)
 10:25:43 Jet (32 s) Hard to see eruption - no wind -
 10:28:32 Jet (36 s) steam coming over boardwalk
 10:31:16 Jet (37 s)
 10:33:57 Jet (31 s)
 10:35 Jet (?) taking picture
 10:39:30 Jet (33 s)
 10:40 Clepsydra pounded
 10:40 Spasm flooded (59 m)
 10:41:10 Jet (?)
 10:42 Old Cone Geyser still going
 10:42:27 Jet (41 s)
 10:44:06 Jet (18 s)
 10:45:15 Jet (27 s)
 10:46:56 Jet (one burst)
 10:47:54 Jet (31 s)
 10:49:36 Jet (10 s)
 10:50:46 Jet (29 s)
 10:51 Fountain off (32 m) ++++++
 10:52 Bear Claw
 10:53 Old Cone Geyser still going
 10:53:23 Jet (28 s)
 11:01 Spasm empty
 11:02 Clepsydra paused
 11:05 Clepsydra resumed (3 m)
 11:08 Ft'n pool empty
 11:09 Bear Claw

11:52 Drain ? medium-sized series of 8 bursts spaced about 45 s apart
 11:59 Sizzler on
 12:00 Old Cone Geyser still going
 12:02 Ft'n pool still empty
 12:07 Frolic
 12:07 Deep Blue major
 12:13 Sizzler off (14 m)
 12:26 ##### left for bathroom and lunch
 12:57:56 Jet (61 s)
 13:00 Ft'n pool still empty - Spasm is also empty - Twig off - Old Cone Geyser still
 on
 13:04:29 Jet (51 s)
 13:11:43 Jet (61 s)
 13:18:26 Jet (50 s)
 13:25:45 Jet (49 s)
 13:32:06 Jet (56 s)
 13:39:26 Jet (61 s)
 13:45:39 Jet (69 s)
 13:51:56 Jet (59 s)
 13:55 Deep Blue major bursts
 13:57:43 Jet (47 s)
 13:59 Big pool to left of Deep Blue (between Deep Blue and Kaleidoscope) big burst !
 14:01 Drain ! Big action down there ! 5 major bursts about 45 s apart over 2-3 m
 14:03:27 Jet (?)
 14:06 pool to left of Deep Blue again to tops of trees
 14:08:58 Jet (52 s)
 14:10 Deep Blue looks drained !
 14:15:53 Jet (55 s)
 14:20 Ft'n pool just visible at 21" - Spasm still empty
 14:22 Jet (?)
 14:29:13 Jet (62 s)
 14:34:43 Jet (52 s)
 14:41:10 Jet (59 s)
 14:41 Deep Blue
 14:42 Deep Blue (blue bubble burst !)
 14:47:26 Jet (58 s)
 14:51 Sizzler on (about 3 m of water followed by mixture of steam and water)
 15:06 Sizzler off (15 m)
 15:23:33 Jet (67 s)
 15:29:04 Jet (46 s)
 15:31 Drain MAJOR !
 15:35:06 Jet (58 s)
 15:40:26 Jet (66 s)
 15:46:04 Jet (61 s)
 15:48 Ft'n pool at 18-19" - water up 1' in Spasm
 15:51:25 Jet (one burst)
 15:53:23 Jet (50 s)
 15:59:31 Jet (57 s)
 16:00 Deep Blue

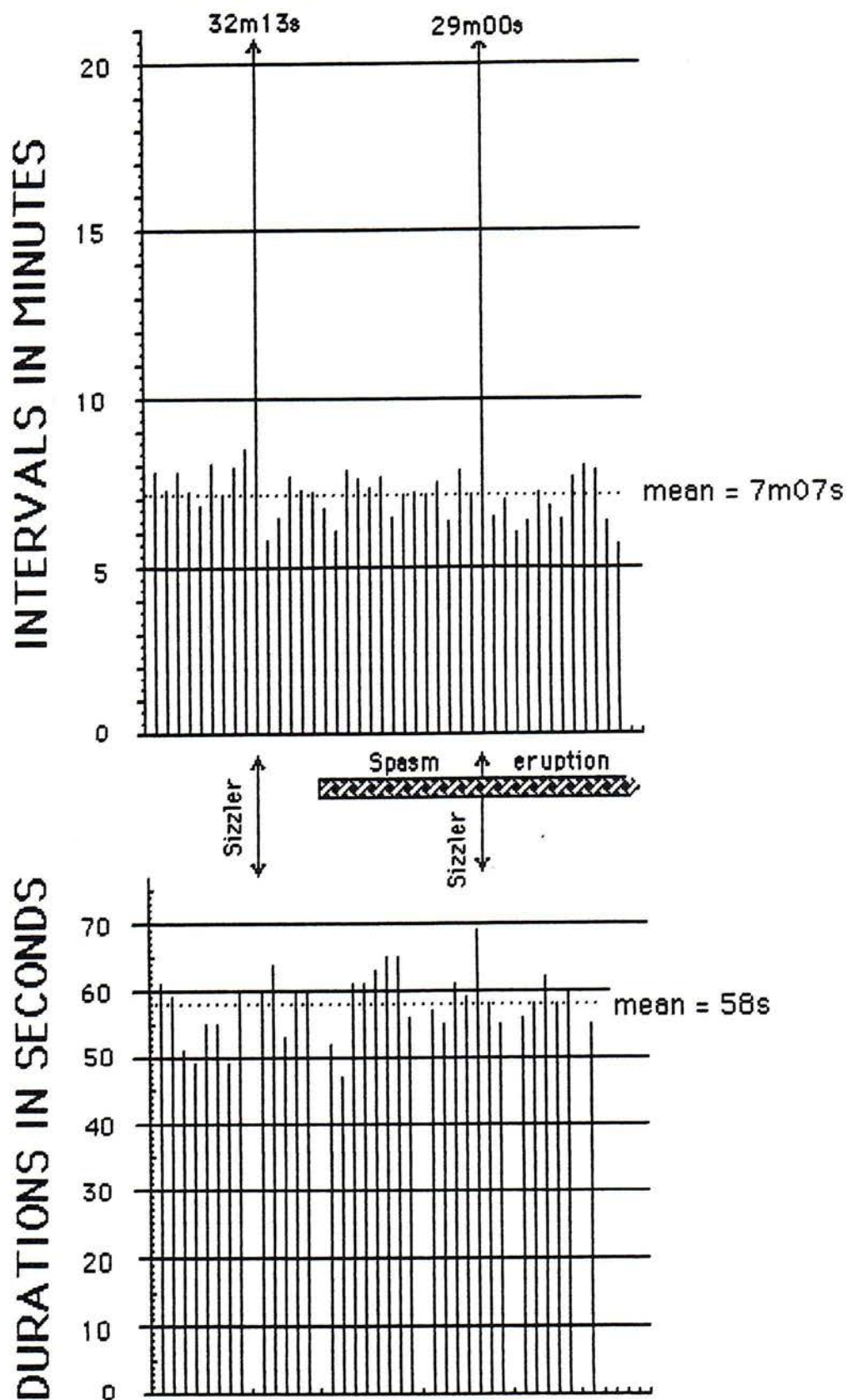
16:04:43 Jet (52 s)
 16:09:35 Jet (53 s)
 16:15:48 Jet (60 s)
 16:22:03 Jet (50 s)
 16:25 Spasm on
 16:27 Kaleidescope
 16:27:21 Jet (54 s)
 16:32:14 Kaleidescope
 16:32:14 Jet (40 s)
 16:37:06 Jet (56 s)
 16:42:16 Jet (64 s)
 16:48:38 Jet (56 s)
 16:54:34 Jet (50 s)
 17:00:28 Jet (51 s)
 17:06:29 Jet (54 s)
 17:08 Fountain I (18-19" from top) *****
 17:10:55 Jet (43 s)
 17:12 Spasm flooded (47 m)
 17:13 100' burst from Fountain!
 17:14:02 Jet (35 s)
 17:16:52 Jet (32 s) Good eruption with Jeff
 17:19:37 Jet (?) Davis and T.K. Very low
 17:22:19 Jet (28 s) pool eruption, but we had
 17:22 Bear Claw everything going all at
 17:24:58 Jet (33 s) once!
 17:26 Clepsydra pounded
 17:26:47 Jet (one burst)
 17:27:47 Jet (32 s)
 17:28 Old Cone Geyser very active during Ft'n's eruption
 17:30:21 Jet (37 s)
 17:32:54 Jet (28 s)
 17:35:20 Jet (30 s)
 17:35 Twig on
 17:35 Sizzler on - weak start
 17:37:45 Jet (28 s)
 17:40 Fountain off (32 m) ++++++
 17:44 Ft'n pool drained out of sight - Twig going - Bear Claw going - Sizzler going -
 Clepsydra going - Spasm draining
 17:47 Clepsydra paused
 17:50 Sizzler off (15 m)
 17:52 Clepsydra resumed (5 m pause)
 18:06 left area with Clepsydra and Twig still going - everything else is off and drained
 #####
 18:28 Artemesia (IE)
 20:24 Grand (2 bursts)

JULY 21, 1995



- (1) Jet stopped erupting when Sizzler erupted and Fountain was not erupting.
- (2) Fountain did not erupt until 20:38 (IE) according to DFVC Logbook. Other observers were in the area until around 17:00 without seeing an eruption. This would give Fountain an interval more than 1h28m. This was the longest interval that I was aware of this summer.
- (3) Assuming Spasm stayed on until Fountain erupted around 20:38, its duration would be nearly 9h.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 21, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 21, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:24:53	9:25:54	*			0:01:01		NO	NO
9:32:40	9:33:39		0:07:47		0:00:59		NO	NO
9:39:56	9:40:47		0:07:16		0:00:51		NO	NO
9:47:44	9:48:33		0:07:48		0:00:49		NO	NO
9:54:58	9:55:53		0:07:14		0:00:55		NO	NO
10:01:48	10:02:43		0:06:50		0:00:55		NO	NO
10:09:54	10:10:43		0:08:06		0:00:49		NO	NO
10:17:04	10:18:04		0:07:10		0:01:00		NO	NO
10:25:00			0:07:56		* #####		NO	NO
10:33:30	10:34:30		0:08:30		0:01:00		NO	NO
11:05:43	11:06:47	*	0:32:13		0:01:04		NO	YES
11:11:33	11:12:26		0:05:50		0:00:53		NO	NO
11:18:02	11:19:02		0:06:29		0:01:00		NO	NO
11:25:42	11:26:42		0:07:40		0:01:00		NO	NO
11:33:00			0:07:18		* #####		NO	NO
11:40:14	11:41:06		0:07:14		0:00:52		NO	NO
11:46:55	11:47:42		0:06:41		0:00:47		NO	NO
11:53:00	11:54:01		0:06:05		0:01:01		NO	NO
12:00:55	12:01:56		0:07:55		0:01:01		NO	NO
12:08:37	12:09:40		0:07:42		0:01:03		NO	NO
12:15:56	12:17:01		0:07:19		0:01:05		NO	NO
12:23:45	12:24:50		0:07:49		0:01:05		NO	NO
12:30:17	12:31:13		0:06:32		0:00:56		NO	NO
12:37:21			0:07:04		* #####		NO	NO
12:44:30	12:45:27		0:07:09		0:00:57		NO	NO
12:51:32	12:52:27		0:07:02		0:00:55		NO	NO
12:59:01	13:00:00		0:07:29		0:00:59		NO	NO
13:05:22	13:06:21		0:06:21		0:00:59		NO	NO
13:13:09	13:14:18		0:07:47		0:01:09		NO	NO
13:20:15	13:21:13		0:07:06		0:00:58		NO	NO
13:49:15	13:50:10	*	0:29:00		0:00:55		NO	YES
13:55:42			0:06:27		* #####		NO	NO
14:02:39	14:03:35		0:06:57		0:00:56		NO	NO
14:08:38	14:09:36		0:05:59		0:00:58		NO	NO
14:15:00	14:16:02		0:06:22		0:01:02		NO	NO
14:22:09	14:23:07		0:07:09		0:00:58		NO	NO
14:28:58	14:29:58		0:06:49		0:01:00		NO	NO
14:35:22			0:06:24		* #####		NO	NO
14:43:07	14:44:02		0:07:45		0:00:55		NO	NO
14:51:09			0:08:02		* #####		NO	NO
14:58:57			0:07:48		* #####		NO	NO
15:05:18			0:06:21		* #####		NO	NO
15:11:00			0:05:42		* #####		NO	NO
LEFT AREA				0:07:07		0:00:58		

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 21ST (FRIDAY)

09:21 Spasm empty - Clepsydra going - Twig going - Ft'n pool at 18" -everything else
is off

09:24:53 Jet (61 s)

09:32:40 Jet (59 s)

09:39:56 Jet (51 s)

09:47:44 Jet (49 s)

09:52 Deep Blue (one burst)

09:54:58 Jet (55 s)

10:01:48 Jet (55 s)

10:09:54 Jet (49 s)

10:17:04 Jet (60 s)

10:18 Drain ? (between Deep Blue and Kaleidoscope)

10:21 Drain ? (further over toward Kaleidoscope)

10:25 Jet (?)

10:31 Deep Blue major

10:32 HUGE (150' ?) eruption just to the left of Deep Blue between Drain and Deep
Blue

10:33:30 Jet (60 s)

10:39 Sizzler on

10:41 Ft'n pool up to 15" - Spasm pool filling - Jelly pool up 4-6"

10:52 Sizzler off (13 m)

11:04 Sub above the rim

11:05:43 Jet (64 s)

11:07 Twig off (>1h 46m)

11:11:33 Jet (53 s)

11:17 Honeycomb

11:18:02 Jet (60 s)

11:19 Ft'n pool at 14" and rising - Spasm 1/2 full

11:25:42 Jet (60 s)

11:32 Kaleidoscope

11:33 Jet (?)

11:40:14 Jet (52 s)

11:42 Kaleidoscope

11:43 Spasm on

11:44 Kaleidoscope

11:46:55 Jet (47 s)

11:48 Ft'n pool up to 13"

11:50 Jelly pool up to 2" from top - Spasm not yet overflowing into Jelly

11:53:00 Jet (61 s)

11:54 Spasm overflow began

12:00:55 Jet (61 s)

12:05 small surge in Ft'n pool covering crack

12:06 Ft'n pool receded

12:08:37 Jet (63 s)

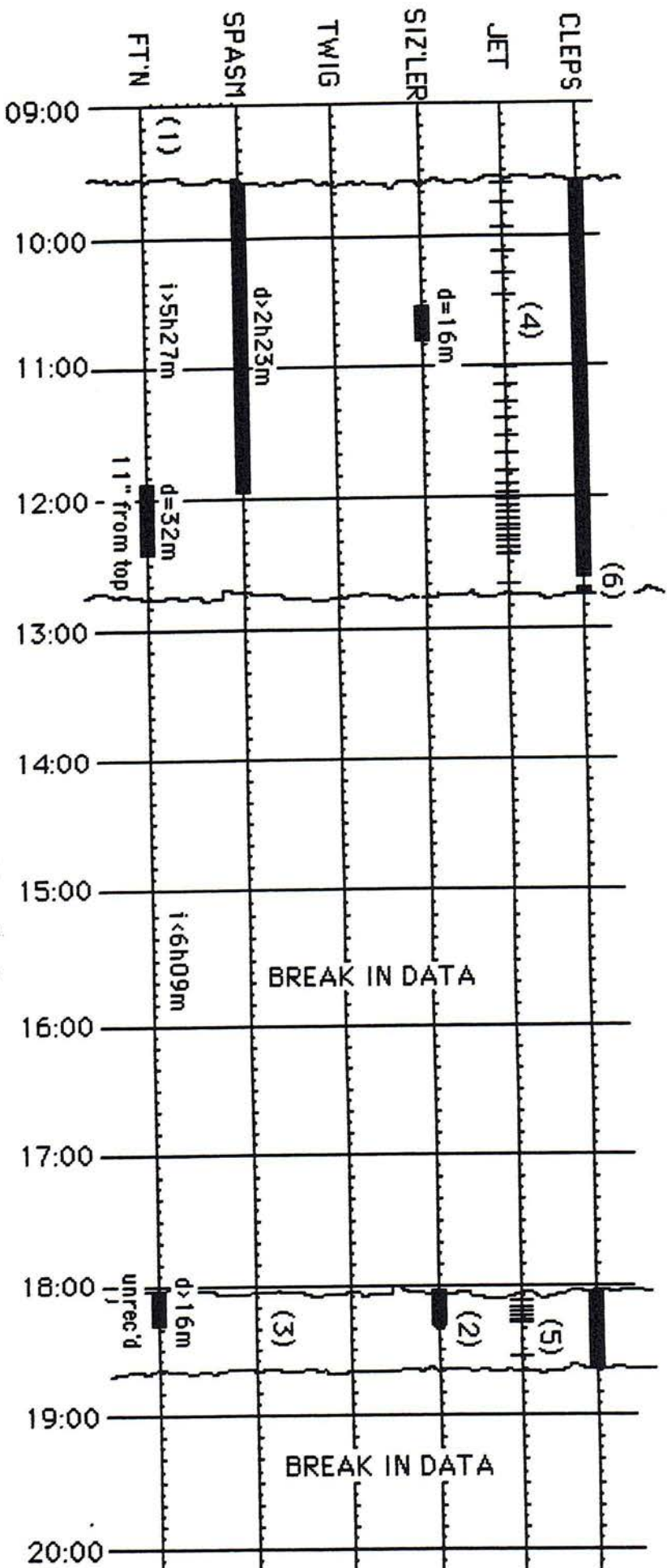
12:10 Ft'n pool surged up 1/2"

12:15:56 Jet (65 s)

12:17 Ft'n pool up 1/2" to 12"

12:20 Ft'n pool dropped 1/2"
 12:21 Horizontal crack in back of Ft'n pool barely visible
 12:22 Twig on
 12:23:45 Jet (65 s)
 12:26 Ft'n pool up 1/2"
 12:30:17 Jet (56 s)
 12:37:21 Jet (?)
 12:44:30 Jet (57 s)
 12:51:32 Jet (55 s)
 12:59:01 Jet (61 s)
 13:04 Deep Blue
 13:05:22 Jet (59 s)
 13:10 Ft'n pool at 12"
 13:12 Frolic
 13:13:09 Jet (69 s)
 13:20:15 Jet (58 s)
 13:24 Sizzler on
 ?????? Sizzler off (?)
 13:49:15 Jet (55 s)
 13:55:42 Jet (?)
 13:57 Honeycomb
 14:02:39 Jet (56 s)
 14:08:38 Jet (58 s)
 14:15:00 Jet (62 s)
 14:17 Twig off (1h 55m)
 14:22:09 Jet (58 s)
 14:28:58 Jet (60 s)
 14:35:22 Jet (?)
 14:43:07 Jet (55 s)
 14:51:09 Jet (?)
 14:58:57 Jet (?)
 15:05:18 Jet (?) RAIN!
 15:11 Jet (?)
 ##### left to go to Mammoth Library
 20:38 Fountain ! (IE) from OFVC logbook
 21:06 Fountain off from same source
 #####

JULY 22, 1995



(1) Fountain erupted at 06:26 (1E) according to the DFVC Logbook.

(2) Sizzler's stop was unrecorded.

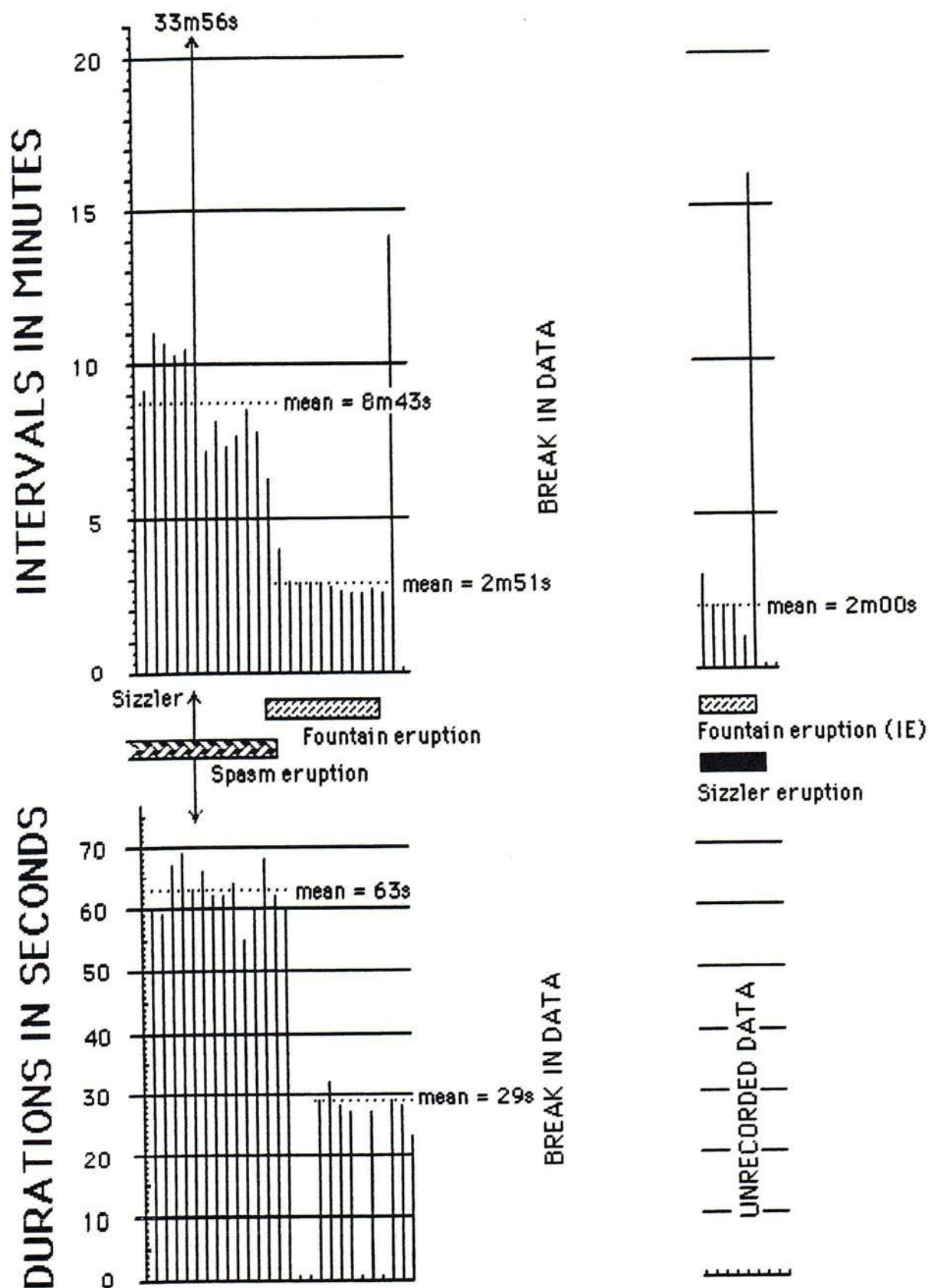
(3) Spasm was empty as I reached the area with Fountain's overflow cascading into the empty crater. This was the first time this summer that Spasm probably was not on when Fountain erupted.

(4) Jet stopped erupting when Sizzler erupted and Fountain was not erupting.

(5) Sizzler was still on when Fountain stopped and may have caused this Jet pause.

(6) 13m after Fountain stopped erupting, Clepsydra paused for 4m19s.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 22, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 22, 1995

1

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:36:19	9:37:19			0:01:00		NO	NO
9:45:30	9:46:29	0:09:11		0:00:59		NO	NO
9:56:29	9:57:36	0:10:59		0:01:07		NO	NO
10:07:11	10:08:20	0:10:42		0:01:09		NO	NO
10:17:26	10:18:29	0:10:15		0:01:03		NO	NO
10:27:56	10:29:02	0:10:30		0:01:06		NO	NO
11:01:52	11:02:54	* 0:33:56		0:01:02		NO	YES
11:09:04	11:10:06	0:07:12		0:01:02		NO	NO
11:17:11	11:18:15	0:08:07		0:01:04		NO	NO
11:24:30	11:25:25	0:07:19		0:00:55		NO	NO
11:32:09	11:33:09	0:07:39		0:01:00		NO	NO
11:40:42	11:41:50	0:08:33		0:01:08		NO	NO
11:48:30	11:49:32	0:07:48		0:01:02		NO	NO
11:54:52	11:55:52	0:06:22	0:08:43	0:01:00	0:01:03	YES	NO
11:58:58		0:04:06		#####		YES	NO
12:01:55		0:02:57		#####		YES	NO
12:04:46	12:05:15	0:02:51		0:00:29		YES	NO
12:07:35	12:08:07	0:02:49		0:00:32		YES	NO
12:10:23	12:10:51	0:02:48		0:00:28		YES	NO
12:13:06	12:13:33	0:02:43		0:00:27		YES	NO
12:15:44		0:02:38		#####		YES	NO
12:18:20	12:18:47	0:02:36		0:00:27		YES	NO
12:20:54		0:02:34		#####		YES	NO
12:23:35	12:24:04	0:02:41		0:00:29		YES	NO
12:26:09	12:26:37	0:02:34	0:02:51	0:00:28	0:00:29	NO	NO
12:40:18	12:40:41	* 0:14:09		0:00:23			
LEFT AREA		CAME BACK IN RAINSTORM				FOUNTAIN ALREADY STARTED	
18:07:00				#####		YES	
18:10:00		0:03:00		#####		YES	
18:12:00		0:02:00		#####		YES	
18:14:00		0:02:00		#####		YES	
18:16:00		0:02:00		#####		YES	
18:17:00		0:01:00		#####		YES	
18:33:00		0:16:00	0:02:00	#####	#####	NO	
LEFT AREA					0:00:00		

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 22ND (SATURDAY)

06:26 Fountain (IE) from OFVC Log Book

09:34 Spasm on, overflowing into Jelly - Clepsydra going - Jelly pool full - Ft'n pool at 11" - Twig off

09:36:19 Jet (60 s)

09:45:30 Jet (59 s)

09:48 Sub

09:50 Bear Claw

09:56:29 Jet (67 s)

10:07:11 Jet (69 s)

10:13 Deep Blue

10:17:26 Jet (63 s)

10:18 Sub

10:27 Sub

10:27:56 Jet (66 s)

10:32 Sizzler on (2m into eruption, it becomes more active, sputtering and spitting. 6m in, turns mostly to steam

10:36 Kaleidoscope

10:39 Kaleidoscope

10:43 Deep Blue

10:45 Impatient Miser looks to be closer to Fountain than Angle/Vertical

10:48 Sizzler off (16m)

10:50 Sub

10:56 Frolic

10:58 Kaleidoscope

11:01:52 Jet (62 s)

11:03 Frolic minor (2-3'splashes)

11:09:04 Jet (62 s)

11:12 Deep Blue (blue bubble burst) - Wow ! Good blasts !

11:17:11 Jet (64 s)

11:24:30 Jet (55 s)

11:28 Spasm very weak

11:30 Ft'n pool still at 11"

11:32:09 Jet (60 s)

11:40:42 Jet (68 s)

11:48:30 Jet (62 s)

11:53 Fountain surge !

11:53 Fountain ! (11" below rim) *****

11:54:52 Jet (60 s)

11:57 Spasm flooded (>2h 23m)

11:58:58 Jet (?)

wind blowing steam
across boardwalk -
hard to see anything

12:01:55 Jet (?)

12:04:46 Jet (29 s)

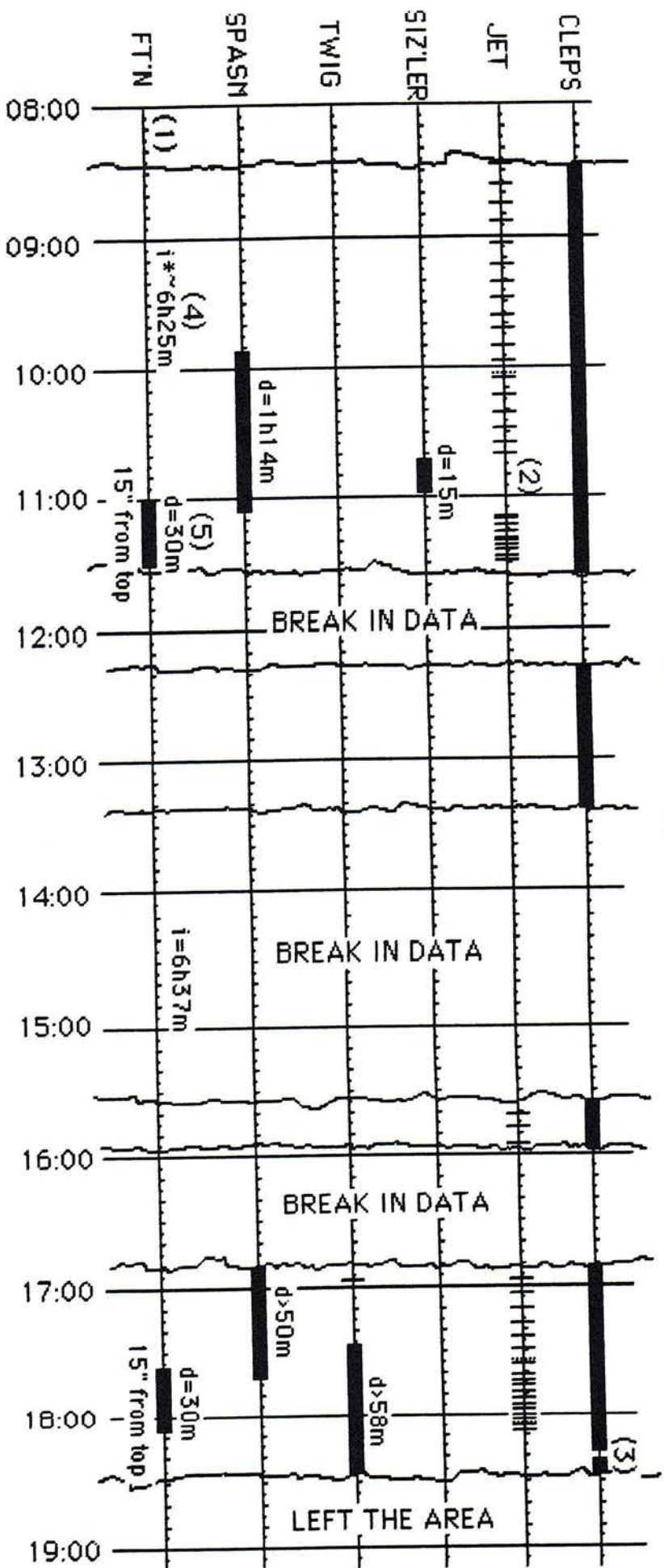
12:07:35 Jet (32 s)

12:10:23 Jet (28 s)

12:10:23 Big burst from Ft'n

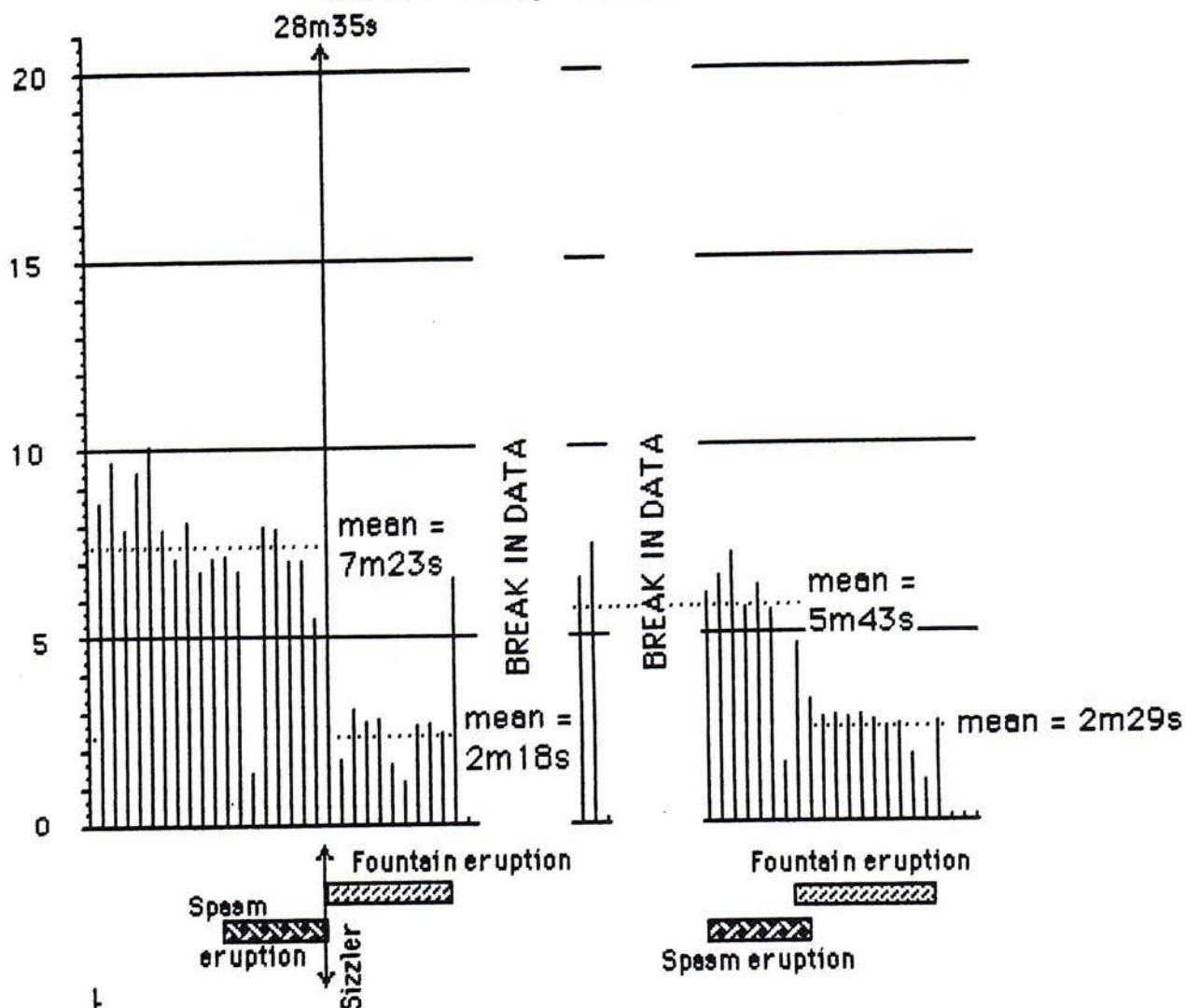
12:13:06 Jet (27 s)
 12:15:44 Jet (?)
 12:17 Bear Claw
 12:18 75-80' burst from Ft'n
 12:18:20 Jet (27 s)
 12:19 Clepsydra pounded
 12:20:54 Jet (?)
 12:23:35 Jet (29 s)
 12:25:30 Fountain off (32 m) ++++++
 12:26:09 Jet (28 s)
 12:28 Clepsydra pounded very loudly
 12:31 Spasm remains full
 12:32 Clepsydra tried to stop - Spasm still bubbling
 12:38:36 Clepsydra paused
 12:38 Spasm draining
 12:40:18 Jet (23 s)
 12:42:55 Clepsydra resumed (4m 19s pause)
 12:45 Ft'n pool drained - Twig still off - Jet may be off
 ##### lunch
 13:26 Flood (5m)
 13:34 Till (IE)
 13:46 Aurem (IE)
 #####
 18:02 Fountain ! (IE) (sat in car in Fountain parking lot while rainstorm passed
 through - high winds and rain coming horizontally) (Spasm was empty
 and Ft'n's overflow was cascading down into the empty vent! I suspect
 Spasm was not going at beginning of eruption) *****
 18:02 Sizzler was on as I walked up - Twig off - Clepsydra on
 18:07 Jet (?)
 18:10 Jet (?)
 18:12 Jet (?)
 18:14 Jet (?)
 18:16 Jet (?) Rain still coming down
 18:16 Double rainbow in Ft'n spray !
 18:17 Bear Claw
 18:17 Jet (?)
 18:18 Fountain off (>16m) ++++++
 ????? Sizzler off
 18:33 Jet (?)
 18:38 Ft'n pool drained
 18:38 no Clepsydra pause
 ##### left for dry truck and cabin

JULY 23, 1995

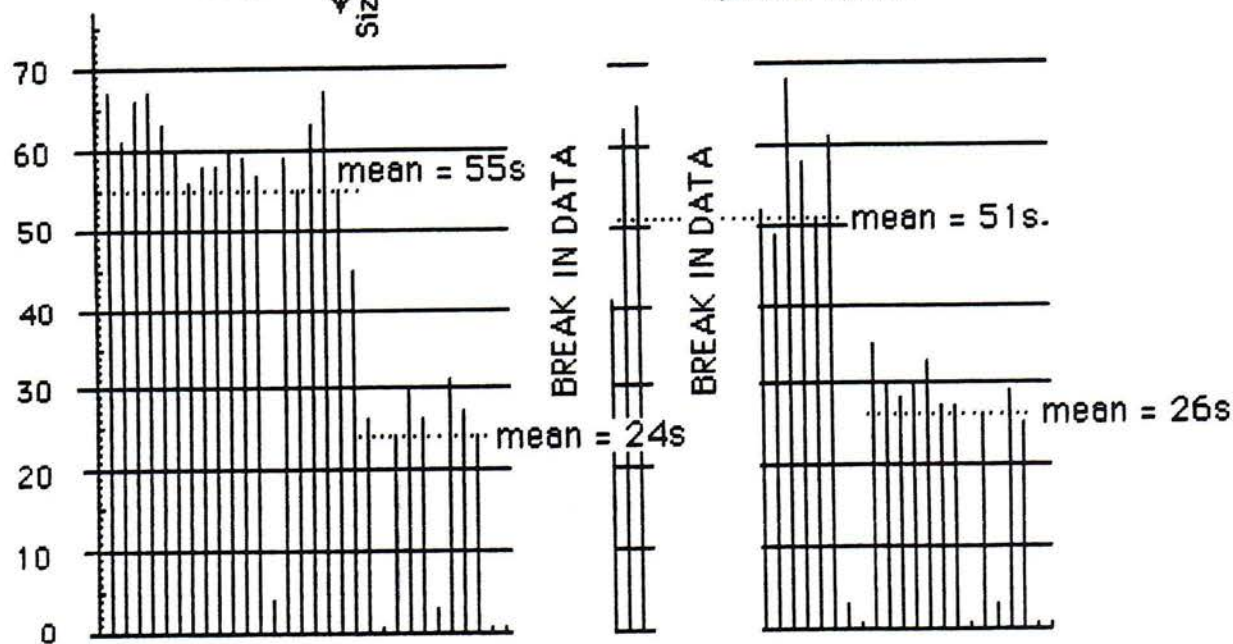


CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 23, 1995

INTERVALS IN MINUTES



DURATIONS IN SECONDS



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 23, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
8:27:36	8:28:43				0:01:07		NO	NO
8:36:14	8:37:15		0:08:38		0:01:01		NO	NO
8:45:53	8:46:59		0:09:39		0:01:06		NO	NO
8:53:42	8:54:49		0:07:49		0:01:07		NO	NO
9:03:10	9:04:13		0:09:28		0:01:03		NO	NO
9:13:12	9:14:12		0:10:02		0:01:00		NO	NO
9:21:02	9:21:58		0:07:50		0:00:56		NO	NO
9:28:08	9:29:06		0:07:06		0:00:58		NO	NO
9:36:11	9:37:09		0:08:03		0:00:58		NO	NO
9:42:55	9:43:55		0:06:44		0:01:00		NO	NO
9:50:00	9:50:59		0:07:05		0:00:59		NO	NO
9:57:07	9:58:04		0:07:07		0:00:57		NO	NO
10:03:52	10:04:01		0:06:45		0:00:09		NO	NO
10:05:18	10:06:17		0:01:26		0:00:59		NO	NO
10:13:12	10:14:02		0:07:54		0:00:50		NO	NO
10:21:04	10:22:07		0:07:52		0:01:03		NO	NO
10:28:02	10:29:09		0:06:58		0:01:07		NO	NO
10:35:00	10:35:55		0:06:58		0:00:55		NO	NO
10:40:29	10:41:14		0:05:29		0:00:45		NO	NO
11:09:04	11:09:30	*	0:28:35	0:07:23	0:00:26	0:00:55	YES	YES
11:10:46			0:01:42		* #####		YES	NO
11:13:51	11:14:15		0:03:05		0:00:24		YES	NO
11:16:34	11:17:04		0:02:43		0:00:30		YES	NO
11:19:20	11:19:46		0:02:46		0:00:26		YES	NO
11:20:58	11:21:02		0:01:38		0:00:04		YES	NO
11:22:06	11:22:37		0:01:08		0:00:31		YES	NO
11:24:43	11:25:10		0:02:37		0:00:27		YES	NO
11:27:24	11:27:48		0:02:41		0:00:24		YES	NO
11:29:47			0:02:23		* #####		YES	NO
LEFT AREA				0:02:18		0:00:24	NO	NO
15:41:21	15:42:02	*			0:00:41		NO	NO
15:47:52	15:48:54		0:06:31		0:01:02		NO	NO
15:55:16	15:56:21		0:07:24		0:01:05		NO	NO
LEFT AREA								
16:57:41	16:58:33	*			0:00:52		NO	NO
17:03:44	17:04:33		0:06:03		0:00:49		NO	NO
17:10:14	17:11:22		0:06:30		0:01:08		NO	NO
17:17:21	17:18:19		0:07:07		0:00:58		NO	NO
17:23:02	17:23:53		0:05:41		0:00:51		NO	NO
17:29:17	17:30:18		0:06:15		0:01:01		NO	NO
17:34:53	17:34:59		0:05:36		0:00:06		NO	NO
17:36:24			0:01:31		* #####		NO	NO
17:41:00	17:41:35		0:04:36	0:05:43	0:00:35	0:00:51	YES	NO

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 23, 1995

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
17:44:14	17:44:44	0:03:14		0:00:30		YES	NO
17:46:57	17:47:25	0:02:43		0:00:28		YES	NO
17:49:45	17:50:15	0:02:48		0:00:30		YES	NO
17:52:29	17:53:02	0:02:44		0:00:33		YES	NO
17:55:17	17:55:44	0:02:48		0:00:27		YES	NO
17:57:57	17:58:24	0:02:40		0:00:27		YES	NO
18:00:27		0:02:30		* #####		YES	NO
18:02:58	18:03:24	0:02:31		0:00:26		YES	NO
18:04:44	18:04:49	0:01:46		0:00:05		YES	NO
18:05:46	18:06:15	0:01:02		0:00:29		YES	NO
18:08:21	18:08:46	0:02:35	0:02:29	0:00:25	0:00:26	NO	NO
LEFT AREA							

BLANK INDICATES MISSED DATA

INDICATES IMPOSSIBLE CALCULATION

* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 23RD (SUNDAY)

05:05 Fountain (IE) from Kyle Ross - near end

08:24 Ft'n pool at 19-20" - Spasm empty - Twig off - Clepsydra
going - Sizzler probably just off - Jet warming up

08:27 Honeycomb

08:27:36 Jet (67 s)

08:30 Fountain looked like it has gone off recently - wet all around

08:36:14 Jet (61 s)

08:37 Bear Claw

08:45:53 Jet (66 s)

08:53:42 Jet (67 s)

09:03:10 Jet (63 s)

09:13:12 Jet (60 s)

09:19 Ft'n up to 16" - Spasm has water in the bottom

09:21:02 Jet (56 s)

09:25 Kaleidoscope

09:28:08 Jet (58 s)

09:30 Bear Claw - major

09:36:11 Jet (58 s)

09:42:55 Jet (60 s)

09:50:00 Jet (59 s)

09:52 Spasm on

09:55 Ft'n pool at 15"

09:57:07 Jet (57 s)

10:03:52 Jet (one burst)

10:05:18 Jet (59 s)

10:09 Spasm overflow into Jelly

10:13:12 Jet (55 s)

10:20 Ft'n pool at 15"

10:21:04 Jet (63 s)

10:28:02 Jet (67 s)

10:29 Bear Claw - major

10:30 Deep Blue

10:35:00 Jet (55 s)

10:40:29 Jet (45 s)

10:43:54 Sizzler on

10:46:46 Sizzler water/steam phase begins

10:58 Sizzler off (15 m)

11:00 Fountain ! (15" from top) *****

11:06 Spasm flooded (1h 14m)

11:07 80' burst from Fountain

11:09:04 Jet (26 s)

11:09 Clepsydra pounded

Beautiful eruption

11:10:46 Jet (?)

wind and sun just right !

11:13:51 Jet (24 s)

11:16:34 Jet (30 s)

11:18 Ft'n burst @ 70 degrees from 40' is 110' burst

11:19 Ft'n burst @ 75 degrees from 40' is 150' burst
 11:19:20 Jet (26 s)
 11:20 Ft'n burst @ 75 degrees from 40' is 150' burst
 11:20:58 Jet (few seconds)
 11:22:06 Jet (31 s)
 11:22 Bear Claw
 11:24:43 Jet (27 s)
 11:27:24 Jet (24 s)
 11:29:47 Jet (?)
 11:30 Fountain off (30 m) ++++++
 11:33 Spasm still overflowing & bubbling - Clepsydra weak - people wandering around
 Deep Blue

***** left for ranger and bathroom

12:17 Back to area with everything off except Clepsydra
 12:31 Frolic (IE)
 12:33 Deep Blue - major blue bubble burst !
 12:37 pool to left of Deep Blue
 12:40 pool way over by Kaleidoscope - big bursting action
 12:43 another big burst in Kaleidoscope area
 13:05 Deep Blue
 13:22 water just visible in Ft'n pool - no Jet yet - Jelly is as empty
 as I've seen it - Spasm empty

***** break to cabin

15:38 Twig off - Sizzler off - Jet off - Ft'n pool at 16" - Spasm steaming from very
 low pool - Jelly pool up to 8" from top

15:41:21 Jet (41 s)
 15:47:52 Jet (62 s)
 15:55:16 Jet 65 s

16:20 Great Fountain with almost superburst that wet the parking lot including two
 bicyclists !

16:52 Spasm on and overflowing - Jelly pool up to 6" from top - Ft'n pool at 15" -
 Clepsydra going - everything else is off
 16:55 Sizzler must have just finished - runoff still wet
 16:55 Bear Claw - major
 16:57 Twig sputtered
 16:57:41 Jet (52 s)
 17:03:44 Jet (49 s)
 17:10:14 Jet (68 s)
 17:17:21 Jet (58 s)
 17:21 Deep Blue
 17:22 Spasm is weak
 17:23:02 Jet (51 s)
 17:27 Twig on - explosively - more so than last year
 17:29:17 Jet (61 s)
 17:33 Bear Claw
 17:34:53 Jet (one burst)
 17:36:24 Jet (?)

17:37 Fountain surged
 17:37 Fountain ! (15" from top) *****
 17:41:00 Jet (35 s)
 17:42 Spasm flooded (>50 m)
 17:44:14 Jet (30 s)
 17:46:57 Jet (28 s) Beautiful eruption !
 17:49:45 Jet (30 s)
 17:50 Clepsydra pounded
 17:52 Ft'n burst of 75 degrees from 40' is 150' burst
 17:52:29 Jet (33 s)
 17:54 Clepsydra sounded like it was going to blow up
 17:55:17 Jet (27 s)
 17:57:57 Jet (27 s)
 18:00:27 Jet (?)
 18:02:58 Jet (26 s)
 18:04:44 Jet (one burst)
 18:05:46 Jet (29 s)
 18:07 Fountain off (30 m) ++++++
 18:08:21 Jet (25 s)
 18:15 Spasm still overflowing and bubbling - Clepsydra still going
 18:18 Spasm draining
 18:19 Clepsydra paused
 18:22 Clepsydra resumed (3 m pause)
 18:25 Twig still on - everything else is off except Clepsydra
 ***** back to cabin

JULY 24TH (MONDAY)

09:26 Little Cub (IE)
09:38 Beehive Indicator (IE)
09:52 Beehive
10:03 Plume
10:31 Little Cub
11:06 Rift (IE)
12:20 Riverside (IE)
13:06 Tardy and Sawmill (IE)
15:02 Grand (one burst)

#####

16:38 Jet (?)
16:38 Spasm 1/3 full - Jelly pool 12" down - Ft'n pool at 16" - everything else dead
except Clepsydra

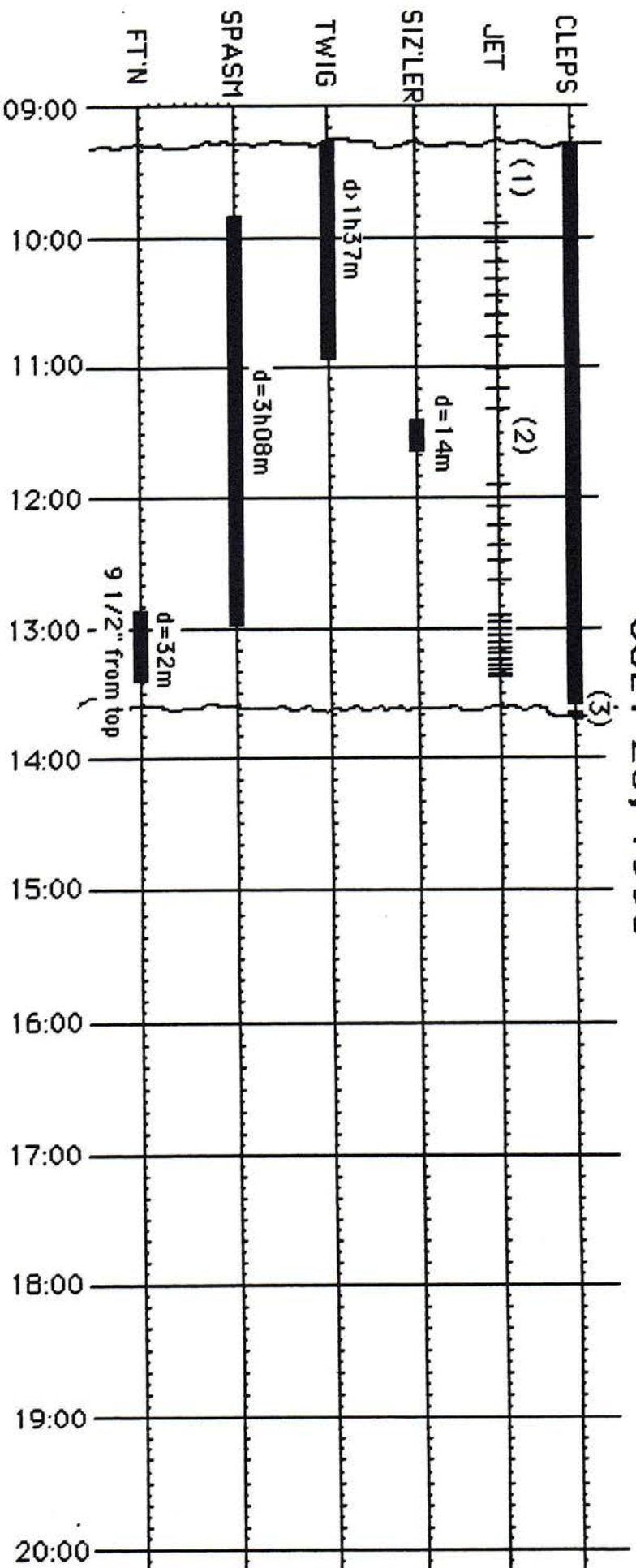
16:48 Frolic

#####

19:27 Great Fountain with Thad and Pat Nelson from
20:11 Pink Cone (IE) West Valley City, Utah - He's a bishop

#####

JULY 25, 1995

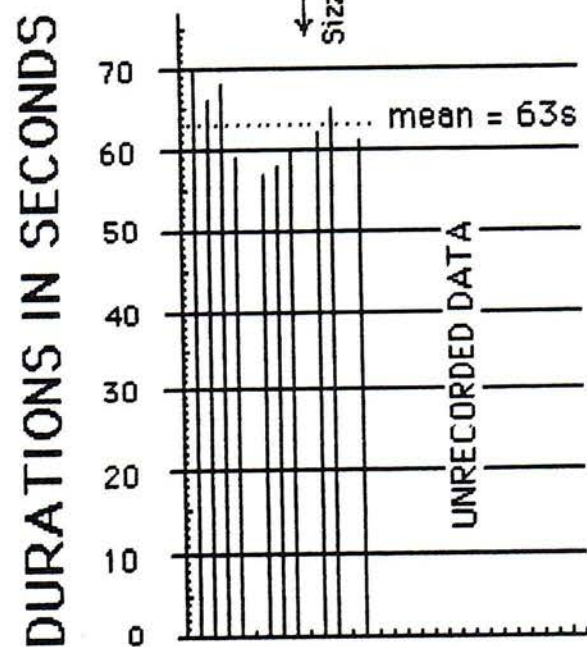
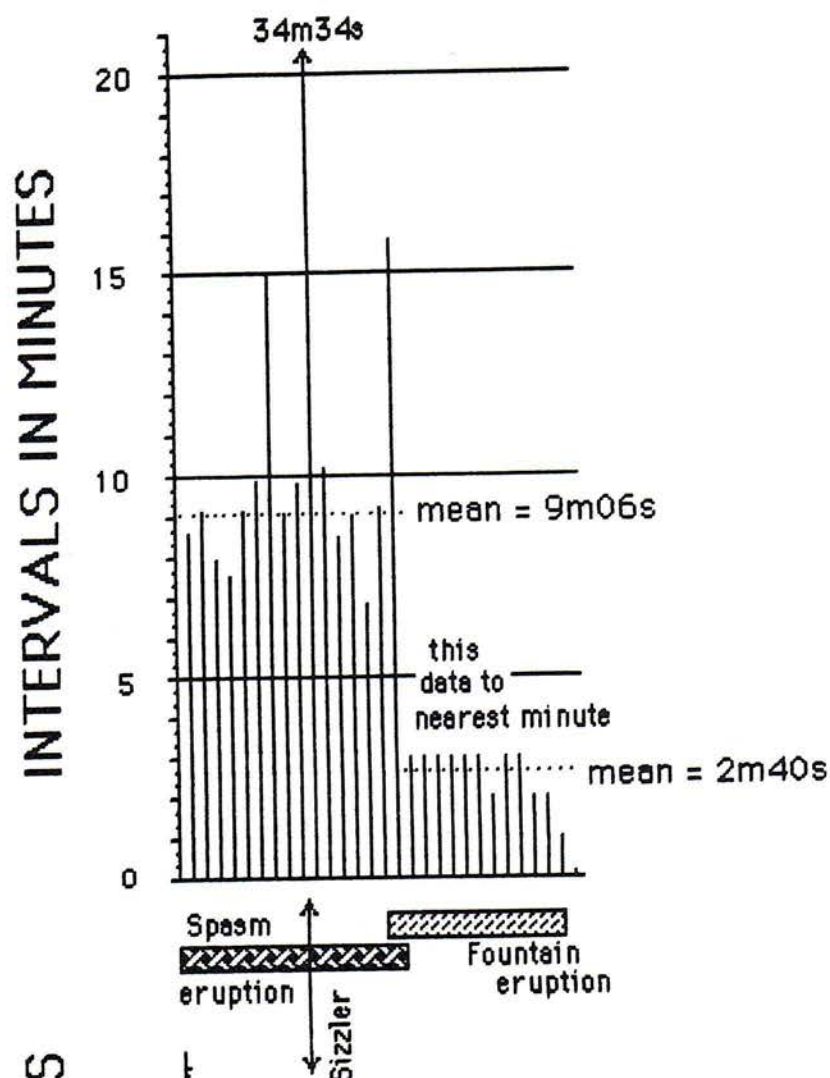


(1) Jet was quiet for more than 52m for unknown reasons. Possibly because Fountain had erupted a few hours before.

(2) Jet stopped erupting when Sizzler erupted without Fountain erupting.

(3) 12m after Fountain stopped, Clepsydra paused for about 3m.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 25, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 25, 1995

1

START	END		INTERVAL	INTERVAL	DURATION	DURATION		WAS	WAS
TIME	TIME		IN H:M:S	MEANS	IN H:M:S	MEANS		FOUNTAIN	SIZZLER
								ERUPTING	ERUPTING
9:53:46	9:54:56	*			0:01:10			NO	NO
10:02:22	10:03:28		0:08:36		0:01:06			NO	NO
10:11:31	10:12:39		0:09:09		0:01:08			NO	NO
10:19:27	10:20:26		0:07:56		0:00:59			NO	NO
10:27:00			0:07:33		* #####			NO	NO
10:36:10	10:37:07		0:09:10		0:00:57			NO	NO
10:46:06	10:47:04		0:09:56		0:00:58			NO	NO
11:01:06	11:02:06		0:15:00		0:01:00			NO	NO
11:10:09			0:09:03		* #####			NO	NO
11:19:59	11:21:01		0:09:50		0:01:02			NO	NO
11:54:33	11:55:38	*	0:34:34		0:01:05			NO	YES
12:04:44			0:10:11		* #####			NO	NO
12:13:13	12:14:14		0:08:29		0:01:01			NO	NO
12:22:12			0:08:59		* #####			NO	NO
12:29:00			0:06:48		* #####			NO	NO
12:38:11			0:09:11		* #####			NO	NO
12:47:22	12:48:30		0:09:11		0:01:08			NO	NO
12:54:00			0:06:38	0:09:06	* #####	0:01:03		YES	NO
12:57:00			0:03:00		* #####			YES	NO
13:00:00			0:03:00		* #####			YES	NO
13:03:00			0:03:00		* #####			YES	NO
13:06:00			0:03:00		* #####			YES	NO
13:09:00			0:03:00		* #####			YES	NO
13:11:00			0:02:00		* #####			YES	NO
13:14:00			0:03:00		* #####			YES	NO
13:17:00			0:03:00		* #####			YES	NO
13:19:00			0:02:00		* #####			YES	NO
13:21:00			0:02:00		* #####			YES	NO
13:22:00			0:01:00		* #####			YES	NO
13:26:00			0:04:00	0:02:40	* #####	#####		NO	NO
LEFT AREA									

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

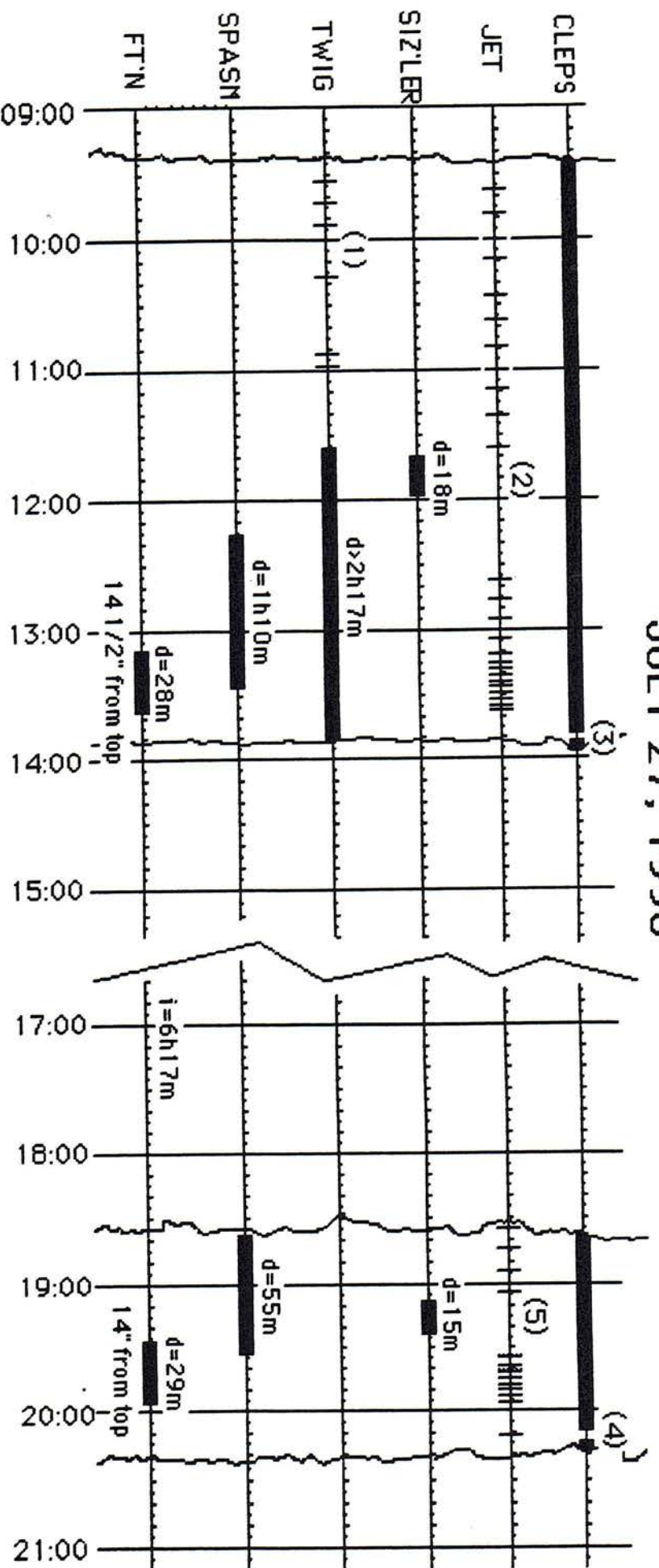
JULY 25TH (TUESDAY)

09:19	Spasm 1/2 full - Jelly pool at 5" - Twig going - Sizzler recently off - Ft'n pool at 11" - Clepsydra on	
09:39	Deep Blue	
09:42	Jelly pool 3" from top	
09:50	Spasm on - when eruption begins, water changes from clear to murky	
09:52	Spasm overflowed into West vent	
09:53:46	Jet (70 s)	
10:02:22	Jet (66 s)	
10:03	Spasm overflowed into Jelly begins	
10:07:13	Spasm overflow reached Jelly's Satellite vent	
10:09	Ft'n pool at 10"	
10:11:31	Jet (68 s)	
10:16	Sub over the top	
10:19:27	Jet (59 s)	
10:27	Jet (?)	
10:36:10	Jet (57 s)	
10:46:06	Jet (58 s)	
10:46	Deep Blue	
10:56	Twig off (>1h 37m)	
11:01:06	Jet (60 s)	
11:10:09	Jet (?)	
11:19:59	Jet (62 s)	
11:24	Sizzler on	
11:38	Sizzler off (14 m)	
11:54:33	Jet (65 s)	
11:55	Frolic	
11:55	Ft'n pool began surge - up 2" - then stopped and dropped back down	
12:04:44	Jet (?)	
12:13:13	Jet (61 s)	
12:22:12	Jet (?)	
12:27	Ft'n pool at 9 1/2 - 10"	
12:29	Jet (?)	
12:38:11	Jet (?)	
12:48	Ft'n pool began surge	
12:52	Fountain 1 (9 1/2" from top) *****	
12:54	Jet (?)	
12:57	Jet (?)	
12:58	Spasm flooded (3h 08m)	video-taped this
13:00	Jet (?)	eruption with Todd's
13:03	Jet (?)	camera. Todd Singleton
13:06	Jet (?)	
13:07	Clepsydra pounded	
13:09	Jet (?)	
13:11	Jet (?)	
13:14	Jet (?)	
13:17	Jet (?)	
13:19	Jet (?)	

13:21 Jet (?)
13:22 Jet (?)
13:24 Fountain off (32 m) ++++++
13:36 Clepsydra dying
Clepsydra paused for about 3 m

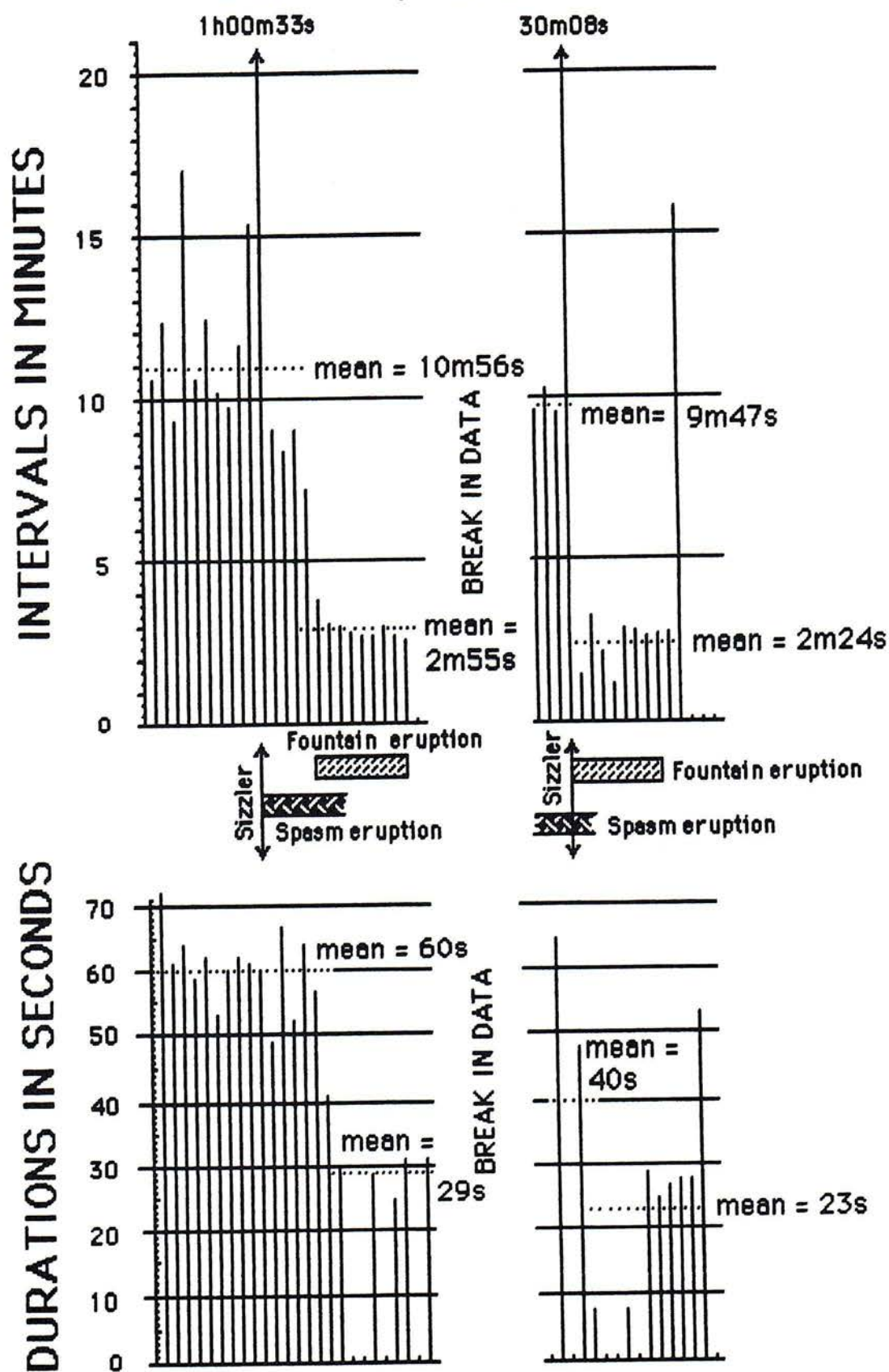
15:40 Castle (IE)
nap
19:20 Lion (IE)
19:30 Old Faithful
19:42 Plume (3 1/2 bursts)
19:50 Little Cub
20:20 Plume
20:31 Lion
to Inn for Rocco's slides (lamp blew out)
21:05 Aurem (IE)
#####

JULY 27, 1995



- (1) Twig had several false starts before erupting.
- (2) Jet stopped as Sizzler erupted without Fountain erupting, but Jet continued to pause for just over 1h.
- (3) 12m after Fountain stopped, Clepsydra paused for almost 4m.
- (4) 14m after Fountain stopped, Clepsydra paused for 3m.
- (5) Jet stopped erupting as Sizzler erupted without Fountain. When Fountain did erupt 4m after Sizzler stopped, Jet stayed off for another 7 or 8m.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 27, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 27, 1995

1

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
9:37:40	9:38:52			0:01:12		NO	NO
9:48:15	9:49:16	0:10:35		0:01:01		NO	NO
10:00:35	10:01:39	0:12:20		0:01:04		NO	NO
10:09:55	10:10:54	0:09:20		0:00:59		NO	NO
10:26:56	10:27:58	0:17:01		0:01:02		NO	NO
10:37:31	10:38:24	0:10:35		0:00:53		NO	NO
10:49:55	10:50:55	0:12:24		0:01:00		NO	NO
11:00:09	11:01:11	0:10:14		0:01:02		NO	NO
11:09:57	11:10:58	0:09:48		0:01:01		NO	NO
11:21:33	11:22:33	0:11:36		0:01:00		NO	NO
11:36:53	11:38:04	0:15:20		0:01:11		NO	NO
12:37:26	12:38:33	* 1:00:33		0:01:07		NO	YES
12:46:31	12:47:23	0:09:05		0:00:52		NO	NO
12:55:00	12:56:04	0:08:29		0:01:04		NO	NO
13:04:07	13:05:04	0:09:07		0:00:57		NO	NO
13:11:22	13:12:03	0:07:15	0:10:56	0:00:41	0:01:00	YES	NO
13:15:12	13:15:42	0:03:50		0:00:30		YES	NO
13:18:14		0:03:02		* #####		YES	NO
13:21:14		0:03:00		* #####		YES	NO
13:24:05	13:24:34	0:02:51		0:00:29		YES	NO
13:26:49		0:02:44		* #####		YES	NO
13:29:34	13:29:59	0:02:45		0:00:25		YES	NO
13:32:15	13:32:46	0:02:41		0:00:31		YES	NO
13:35:00		0:02:45		* #####		YES	NO
13:37:39	13:38:10	0:02:39		0:00:31		YES	NO
LEFT AREA			0:02:55		0:00:29		
18:35:00				* #####		NO	NO
18:44:35	18:45:40	0:09:35		0:01:05		NO	NO
18:54:50		0:10:15		* #####		NO	NO
19:04:22	19:05:10	0:09:32		0:00:48		NO	NO
19:34:30	19:34:37	* 0:30:08	0:09:47	0:00:07	0:00:40	YES	YES
19:35:57		0:01:27		* #####		YES	NO
19:39:12		0:03:15		* #####		YES	NO
19:41:19	19:41:23	0:02:07		0:00:04		YES	NO
19:43:31		0:02:12		* #####		YES	NO
19:45:27	19:45:56	0:01:56		0:00:29		YES	NO
19:48:15	19:48:40	0:02:48		0:00:25		YES	NO
19:50:49	19:51:16	0:02:34		0:00:27		YES	NO
19:53:27	19:53:55	0:02:38		0:00:28		YES	NO
19:56:09	19:56:37	0:02:42	0:02:24	0:00:28	0:00:23	NO	NO
20:11:58		* 0:15:49		#####		NO	NO
LEFT AREA							

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 26TH (WEDNESDAY)

No observations - went to Mammoth Library

JULY 27TH (THURSDAY)

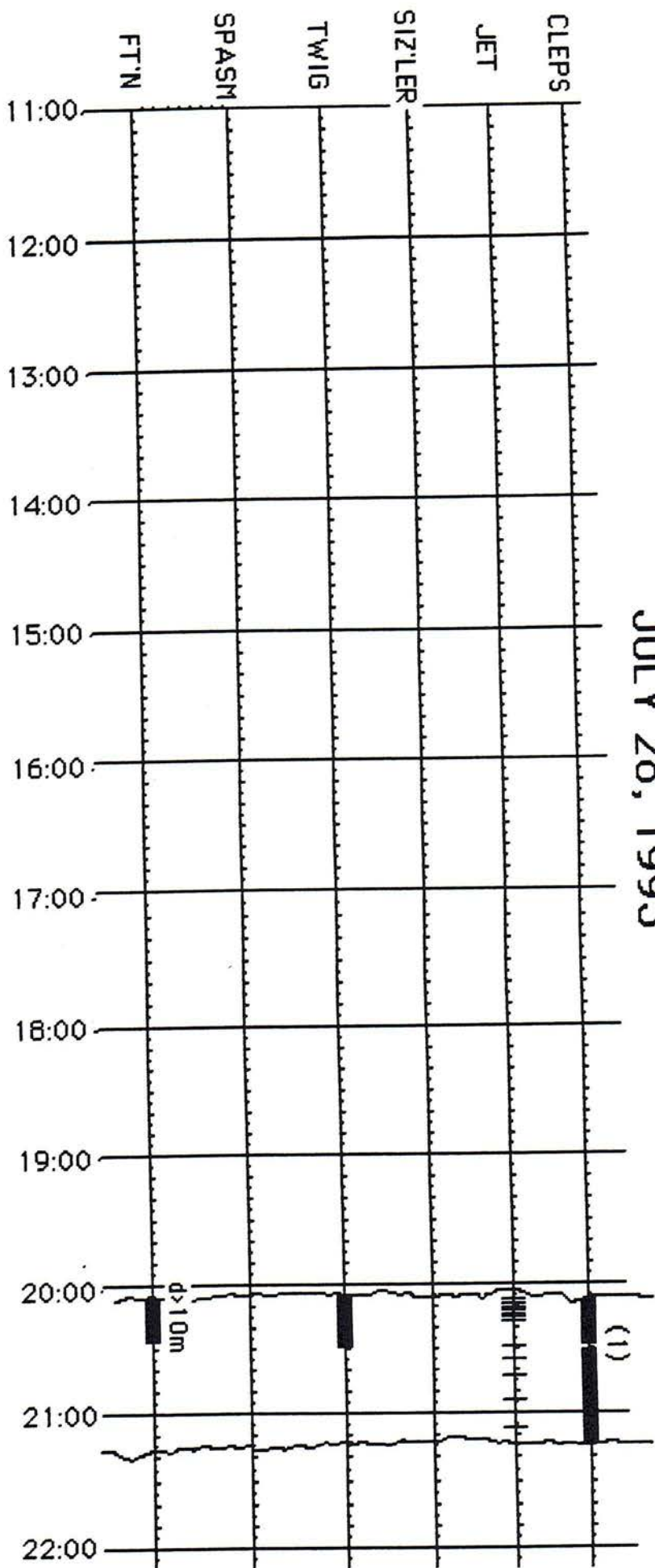
08:20 Boardwalk (IE)
08:44 Plume (IE)
08:48 Little Cub (IE)

09:24 Jelly pool down 14" - Spasm empty - Twig off - Sizzler off - Ft'n pool at 18" -
Jet making noises - Clepsydra going
09:33 Twig sputted
09:37:40 Jet (72 s)
09:41 Frolic
09:41 Bear Claw (center vent)
09:42 Bear Claw (west vent) - major
09:43 Twig sputted
09:47 Honeycomb
09:48:15 Jet (61 s)
09:51 Frolic sputted
09:53 Twig sputted
09:57 Ft'n pool at 17 1/2"
09:57 Frolic
10:00:35 Jet (64 s)
10:03 water just visible in Spasm - Jelly pool at 14"
10:09:55 Jet (59 s)
10:13 Kaleidoscope
10:13 Deep Blue blast - plus more !
10:17 Twig sputted
10:26:56 Jet (62 s)
10:30 Ft'n pool at 16" ("islands" in pool just covered)
10:30 Spasm pool just visible - Jelly pool the same
10:37:31 Jet (53 s)
10:41 Bear Claw major
10:42 Kaleidoscope
10:49:55 Jet (60 s)
10:52 Twig sputted
10:58 Twig sputted
11:00:09 Jet (62 s)
11:00 Ft'n pool at 15 1/2"
11:03 Spasm pool up about 6" - Jelly pool up to 12"
11:09:57 Jet (61 s)
11:18 Jelly pool came up pretty fast to 8" - Spasm has come up also - Ft'n pool at
15"
11:21:33 Jet (60 s)
11:22 Spasm pool steaming and rising
11:36 Twig on

11:36:53 Jet (49 s)
 11:40 Jelly pool up - Ft'n pool up to 14 1/2"
 11:40 Sizzler on
 11:43 Sizzler steam - overflow goes partly into Jelly and part goes past Jelly into lower flats
 11:45 Sizzler mostly steam w/ water sputters
 11:50 Spasm pool was coming up
 11:51 Jelly pool up again to 6"
 11:54 Sizzler all steam
 11:58 Sizzler off (18 m)
 12:06 Spasm pool half full, boiling got more vigorous
 12:08 Spasm pool drains down about 18" - Jelly pool up some more
 12:12 Spasm pool boiled vigorously from almost empty pool. Pool filled rapidly with murky water
 12:15 Spasm pool back to half full with murky water
 12:16 Spasm on
 12:18 Spasm overflowed into west vent
 12:20 Spasm boils to 4' above water surface
 12:31 Spasm overflow to Jelly began
 12:32 Ft'n pool holds at 14 1/2"
 12:35 Spasm overflow reached Jelly
 12:37:26 Jet (67 s)
 12:46:31 Jet (52 s)
 12:55:00 Jet (64 s)
 12:57 Jelly pool to 1 1/2"
 13:01 good hold on Ft'n pool at 14 1/2"
 13:04:07 Jet (57 s)
 13:09 surge in Ft'n pool
 13:09:51 Fountain! (14 1/2" from top) *****
 13:11:22 Jet (41 s)
 13:15:12 Jet (30 s)
 13:18:14 Jet (?) Beautiful eruption - strong
 13:21:14 Jet (?) wind and lots of sunlight
 13:24:05 Jet (29 s)
 13:26 Spasm flooded (1h 10m)
 13:26 Clepsydra pounded
 13:26:49 Jet (?)
 13:29:34 Jet (25 s)
 13:32:15 Jet (31 s)
 13:35:00 Jet (?)
 13:37:39 Jet (31 s)
 13:37 Fountain off (28 m) ++++++
 13:39 Spasm and Jelly still overflowing
 13:49 Clepsydra paused
 13:52:50 Clepsydra resumed (almost 4 m pause)
 #####
 18:35 Jet (?)
 18:35 Jelly pool at 6" - Spasm could be close to start - Twig off - Sizzler off
 18:38 Spasm on

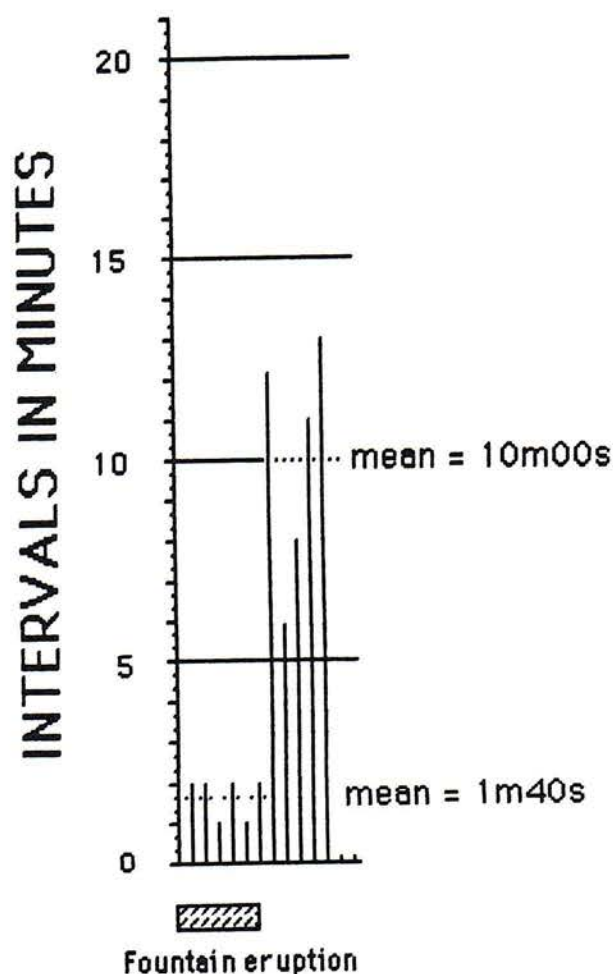
18:41 Spasm began to overflow into west vent
 18:44 Ft'n pool at 15"
 18:44:35 Jet (65 s)
 18:52 Spasm overflow to Jelly began
 18:54:50 Jet (?)
 18:56 Spasm overflow reached Jelly
 19:04:22 Jet (48 s)
 19:04 Saw a grizzly bear and cub run across flats from Firehose, past Gentian pool to
 road and over to old Fountain hotel site !!!!!
 19:08 Sizzler on
 19:12 Deep Blue
 19:14 Ft'n pool at 14"
 19:23 Sizzler off (15 m)
 19:26 Ft'n surge began
 19:27 Fountain ! (14" from top) *****
 19:33 Spasm flooded (55 m)
 19:34:30 Jet (one burst)
 19:35:57 Jet (?) Beautiful eruption ! Wind and
 19:39:12 Jet (?) sun were great
 19:39 Clepsydra pounded
 19:41:19 Jet (one burst) The night of the grizzly bears !
 19:42:31 Jet (?)
 19:45:27 Jet (29 s)
 19:48:15 Jet (25 s)
 19:50:49 Jet (27 s)
 19:50 Fountain burst to 70 degrees from 40' is 110'
 19:53:27 Jet (28 s)
 19:56 Fountain off (29 m) ++++++
 19:56:09 Jet (28 s)
 20:06 Bear Claw
 20:09 Clepsydra tried to stop
 20:10 Clepsydra paused
 20:11:58 Jet (53 s)
 20:13 Clepsydra resumed (3 m pause)
 ##### to cabin

JULY 28, 1995



(1) 12m after Fountain stopped, Clepsydra paused for 2 1/2m.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 28, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 28, 1995

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
20:07:00		*		*	#####	YES,IE	NO
20:09:00		0:02:00		*	#####	YES	NO
20:11:00		0:02:00		*	#####	YES	NO
20:12:00		0:01:00		*	#####	YES	NO
20:14:00		0:02:00		*	#####	YES	NO
20:15:00		0:01:00		*	#####	YES	NO
20:17:00		0:02:00	0:01:40	*	#####	NO	NO
20:29:09	20:29:50	0:12:09			0:00:41	NO	NO
20:35:00		0:05:51		*	#####	NO	NO
20:43:00		0:08:00		*	#####	NO	NO
20:54:00		0:11:00		*	#####	NO	NO
21:07:00		0:13:00		*	#####	NO	NO
LEFT AREA			0:10:00		0:00:41		

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 28TH (FRIDAY)

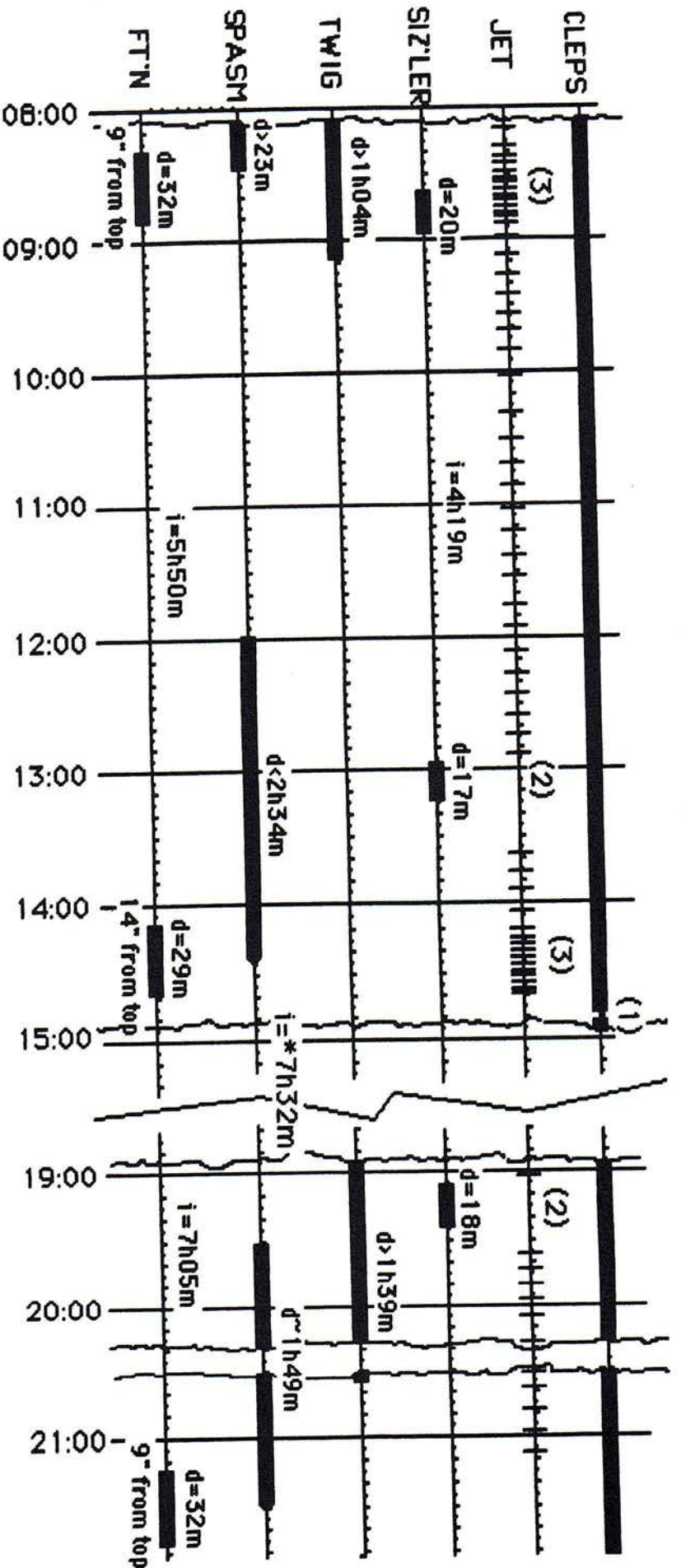
08:43 Lion (IE)
 *****Fountain parking lot closed for the day due to road construction

10:42 Plume (IE)
 11:11 Little Cub
 11:19 Plume
 11:52 Plate (IE)
 11:55 Plume
 12:08 water in Beehive's Indicator
 12:08 Beehive's Indicator
 12:10 Castle
 12:25 Beehive
 12:40 Penta (IE)
 13:02 Tardy
 17:14 Sawmill (IE)
 17:14 Spasmodic (IE)
 17:25 Tardy (IE)
 17:28 Percolator
 17:48 Grotto Fountain(IE)
 17:48 Grotto (IE)
 18:37 West Triplet
 18:50 Grand (3 bursts)
 19:22 Boardwalk (IE)

20:06 Fountain ! (IE) estimated start 19:46 *****
 20:06 Twig on
 20:07 Jet (?)
 20:06 Spasm almost flooded - Clepsydra pounded as I walked up
 20:09 Jet (?)
 20:10 Frolic splashing - two little sputs behind Frolic erupting to 12"
 20:11 Jet (?)
 20:12 Jet (?)
 20:14 Jet (?)
 20:14 Kaleidoscope
 20:15 Jet (?)
 20:16 Fountain off (??) ++++++
 20:17 Jet (?)
 20:17 Kaleidoscope
 20:19 Kaleidoscope - a tiny bit left of the LIVE trees behind it from the boardwalk at
 Fountain sign
 20:21 Bear Claw
 20:24 Angle and Vertical going wild - two new sputs near Frolic are about 2 craters
 back from Frolic (further from the boardwalk) and are about 10' apart.
 Both spurt in unison - seems to be an old runoff channel behind right
 hand sput
 20:28:44 Clepsydra paused
 20:29 Twig off (23 m)
 20:29:09 Jet (41 s)

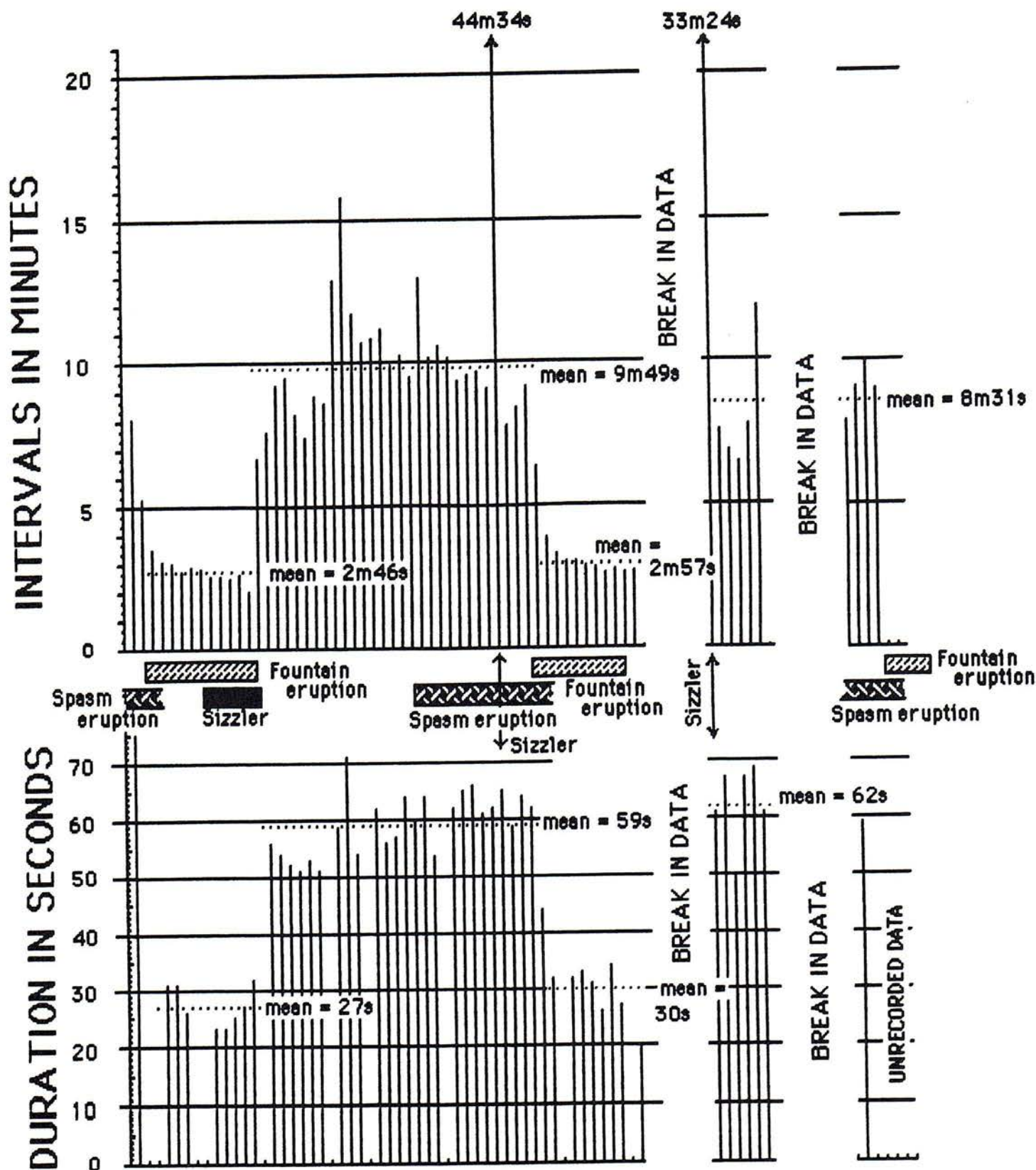
20:10 Spasm pool dropped
20:31:20 Clepsydra resumed (2m 36s pause)
20:35 Jet (?)
20:43 Jet (?)
20:54 Jet (?)
21:06 Jelly pool about 6" down
21:07 Jet (?)
#####

JULY 29, 1995



- (1) 11m after Fountain stopped, Clepsydra paused for 3m.
- (2) Jet stopped as Sizzler erupted without Fountain erupting.
- (3) Jet erupted in quick mode during Fountain's eruption.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 29, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

JULY 29, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
8:09:09	8:10:24	*			0:01:15		NO	NO
8:17:13	8:18:18		0:08:04		0:01:05		NO	NO
8:22:30	8:23:20		0:05:17	0:06:41	0:00:50	0:01:03	YES	NO
8:25:58	8:26:29		0:03:28		0:00:31		YES	NO
8:29:04	8:29:35		0:03:06		0:00:31		YES	NO
8:32:07	8:32:33		0:03:03		0:00:26		YES	NO
8:34:51			0:02:44		* #####		YES	NO
8:37:41			0:02:50		* #####		YES	NO
8:40:26	8:40:49		0:02:45		0:00:23		YES	YES
8:42:59	8:43:22		0:02:33		0:00:23		YES	YES
8:45:33	8:45:58		0:02:34		0:00:25		YES	YES
8:48:04	8:48:31		0:02:31		0:00:27		YES	YES
8:50:42	8:51:14		0:02:38		0:00:32		YES	YES
8:53:00			0:02:18	0:02:46	* #####	0:00:27	NO	YES
8:59:41	9:00:37		0:06:41		0:00:56		NO	NO
9:07:18	9:08:12		0:07:37		0:00:54		NO	NO
9:16:29	9:17:21		0:09:11		0:00:52		NO	NO
9:25:51	9:26:42		0:09:22		0:00:51		NO	NO
9:34:00	9:34:53		0:08:09		0:00:53		NO	NO
9:41:25	9:42:16		0:07:25		0:00:51		NO	NO
9:50:03			0:08:38		* #####		NO	NO
10:02:53	10:03:52		0:12:50		0:00:59		NO	NO
10:18:40	10:19:51		0:15:47		0:01:11		NO	NO
10:30:20	10:31:14		0:11:40		0:00:54		NO	NO
10:41:00			0:10:40		* #####		NO	NO
10:51:49	10:52:52		0:10:49		0:01:03		NO	NO
11:02:56	11:03:52		0:11:07		0:00:56		NO	NO
11:12:49	11:13:46		0:09:53		0:00:57		NO	NO
11:23:00	11:24:04		0:10:11		0:01:04		NO	NO
11:32:24	11:33:24		0:09:24		0:01:00		NO	NO
11:45:20	11:46:24		0:12:56		0:01:04		NO	NO
11:55:26	11:56:22		0:10:06		0:00:56		NO	NO
12:06:00			0:10:34		* #####		NO	NO
12:16:08	12:17:10		0:10:08		0:01:02		NO	NO
12:25:32	12:26:37		0:09:24		0:01:05		NO	NO
12:35:07	12:36:13		0:09:35		0:01:06		NO	NO
12:44:50	12:45:51		0:09:43		0:01:01		NO	NO
12:53:57	12:54:59		0:09:07		0:01:02		NO	NO
13:36:31	13:37:36	*	0:42:34		0:01:05		NO	YES
13:46:21	13:47:20		0:09:50		0:00:59		NO	NO
13:54:47	13:55:51		0:08:26		0:01:04		NO	NO
14:03:58	14:05:00		0:09:11		0:01:02		NO	NO
14:10:18	14:11:02		0:06:20	0:09:49	0:00:44	0:00:59	YES	NO

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK JULY 29, 1995

START TIME	END TIME	INTERVAL IN H:M:S	INTERVAL MEANS	DURATION IN H:M:S	DURATION MEANS	WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
14:14:09	14:14:43	0:03:51		0:00:34		YES	NO
14:17:25		0:03:16	*	#####		YES	NO
14:20:24	14:20:56	0:02:59		0:00:32		YES	NO
14:23:23	14:23:56	0:02:59		0:00:33		YES	NO
14:26:16	14:26:47	0:02:53		0:00:31		YES	NO
14:29:05	14:29:31	0:02:49		0:00:26		YES	NO
14:31:42	14:32:16	0:02:37		0:00:34		YES	NO
14:34:28	14:34:55	0:02:46		0:00:27		YES	NO
14:37:07		0:02:39	*	#####		YES	NO
14:39:50	14:40:10	0:02:43	0:02:57	0:00:20	0:00:30	NO	NO
LEFT AREA DUE TO WIND STORM THAT BLEW DOWN 100+ TREES IN THE AREA							
19:02:56	19:03:57	*		0:01:01		NO	NO
19:36:20	19:37:27	*	0:33:24	0:01:07		NO	YES
19:43:55	19:44:45		0:07:35	0:00:50		NO	NO
19:50:52	19:51:59		0:06:57	0:01:07		NO	NO
19:57:18	19:58:27		0:06:26	0:01:09		NO	NO
20:05:07	20:06:08		0:07:49	0:01:01		NO	NO
20:17:00			0:11:53	#####		NO	NO
LEFT AREA FOR SHORT TIME - WIND AND RAIN							
20:31:00				#####		NO	NO
20:38:56	20:39:55		0:07:56	0:00:59		NO	NO
20:48:00			0:09:04	#####		NO	NO
20:58:00			0:10:00	#####		NO	NO
21:07:00			0:09:00	#####		NO	NO
LEFT AREA			0:08:31		0:01:02	YES	NO
FOUNTAIN ERUPTED - JET ERUPTIONS NOT RECORDED DURING FOUNTAIN'S ERUPTION							

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 29TH (SATURDAY)

08:04 Clepsydra on - Twig on - Spasm on - Ft'n pool at 8 1/2" - Sizzler off
 08:06 Frolic
 08:09:09 Jet (75 s)
 08:13 Ft'n pool up to 7 1/2", then down to 9"
 08:17 Ft'n pool surged
 08:17:13 Jet (?)
 08:19 Fountain ! (from 9") *****
 08:22:30 Jet (?)
 08:24 Frolic
 08:25:58 Jet (31 s)
 08:27 Spasm flooded (>23 m)
 08:29:04 Jet (31 s)
 08:32:07 Jet (26 s)
 08:33 Bear Claw major
 08:34:51 Jet (?)
 08:37 Deep Blue minor
 08:37:41 Jet (?)
 08:38 Sizzler on
 08:38 Ft'n burst to 70 degrees (110')
 08:39 Clepsydra pounded
 08:40 Ft'n blast to 80 degrees (240')
 08:40:26 Jet (23 s)
 08:42:59 Jet (23 s)
 08:45:33 Jet (25 s)
 08:45 Ft'n blast to 75-80 degrees (110-240')
 08:48:04 Jet (27 s)
 08:50:42 Jet (32 s)
 08:51 Fountain off (32 m) ++++++
 08:53 Jet (?)
 08:58 Sizzler off (20 m)
 08:59:41 Jet (56 s)
 09:01 Spasm pool began to drain - steam vent on Clepsydra stops
 09:07:18 Jet (54 s)
 09:08 Twig off (>1h 04m)
 09:08 Spasm empty - Jelly still 2" from top
 09:10 no Clepsydra pause - it tried, but could not quite stop
 09:13 Ft'n pool empty
 09:16 Kaleidoscope (about 50 s)
 09:16:29 Jet (52 s)
 09:18 Deep Blue
 09:19:09 Kaleidoscope
 09:22 Deep Blue
 09:25:51 Jet (51 s)
 09:30 New vent at base of Firehose appears to be getting larger - almost as large as
 Honey's Vent
 09:34:00 Jet (53 s)
 09:41:25 Jet (51 s)

09:43 Honeycomb (impressive geyser !)
 09:43 Kaleidescope (dual w/ Honeycomb)
 09:46 Kaleidescope again w/Honeycomb
 09:49 Honeycomb still on
 09:50 Jet (?)
 10:02:53 Jet (59 s)
 10:18:40 Jet (71 s)
 10:19 (Two hours into Fountain cycle) Twig and Bear Claw off and dry - Ft'n pool up to 18" (rock "islands" quite visible in east side of pool) - pools of runoff still visible on crater rim - east side has a large pool - smaller pools on south side closest to the boardwalk - more on north side farthest from boardwalk - Sizzler dry (a few pools in runoff channel still full of water - runoff channels still wet. Some wetness still visible in Ft'n's runoff channels near Spasm. Spasm has clear water in bottom just visible from boardwalk. Runoff channel to Jelly still wet. Jelly pool down to 10". This was a hot morning with light winds.
 10:30:20 Jet (54 s)
 10:41 Jet (?)
 10:51:49 Jet (62 s)
 10:57 Deep Blue (left side of pool)
 11:02 Frolic
 11:02:56 Jet (56 s)
 11:04 Wind picked up a bit
 11:07 Something to left of Kaleidescope (8 bursts w/pauses lasted until 11:21)
 11:12:49 Jet (57 s)
 11:22 (Three hours into Fountain cycle) Twig still dry - Ft'n pool to 15" - more dryness in runoff channels - Sizzler runoff channel is dry with two pools of water still visible - It's due soon - Spasm has clear water in the bottom 1/3rd of pool - Jelly down to 12"
 11:23:00 Jet (64 s)
 11:31 Deep Blue
 11:32:24 Jet (60 s)
 11:36 Bear Claw
 11:45:20 Jet (64 s)
 11:51 Spasm pool almost 1/2 full of clear water and rising slowly
 11:55:26 Jet (54 s)
 11:56 Water visible in West vent of Spasm
 11:59 Spasm on
 12:02 Frolic
 12:06 Jet (?)
 12:13 Spasm overflow to Jelly began
 12:16:08 Jet (62 s)
 12:17 Spasm runoff reached Jelly
 12:18 (Four hours into Fountain cycle) Ft'n pool holding at 15" (since 11:22) (maybe have early eruption) - Spasm is just overflowing into Jelly - Large pools still visible around Ft'n. A small "doublet" pool right behind sign is still wet.
 12:21 Frolic
 12:25:32 Jet (65 s)

12:33 Kaleidescope
 12:34 Bear Claw
 12:35:07 Jet (66 s)
 12:37 Kaleidescope
 12:38 Ft'n pool up 1/2" to 14 1/2"
 12:44:50 Jet (61 s)
 12:53:57 Jet (62 s)
 12:57 Sizzler on
 13:01 mixed water and steam on Sizzler
 13:02 Kaleidescope
 13:03 mostly steam in Sizzler
 13:09 Ft'n pool at 14"
 13:14 Sizzler off (17 m)
 13:15 Frolic
 13:18 (Five hours into Fountain's cycle) Spasm overflowing into Jelly - Jet still
 killed by Sizzler - Ft'n runoff channels near Spasm are dry - Ft'n pool
 holding at 14" - Twig off - "doublet" pool behind Ft'n sign still wet

 13:38:31 Jet (65 s)
 13:44 small spouter behind Frolic in front of clear runoff channel blurping
 13:46:21 Jet (59 s)
 13:54:47 Jet (64 s)
 13:56 thing to left of Kaleidescope
 13:59 Bear Claw major
 14:03:58 Jet (62 s)
 14:08 Ft'n surged - a big one !
 14:09 Fountain ! (14" from top) (5h 50m interval)*****
 14:10:18 Jet (44 s)
 14:14:09 Jet (32 s)
 14:15 Clepsydra pounded
 14:17:25 Jet (?)
 14:20:24 Jet (32 s)
 14:23:23 Jet (33 s)
 14:26:16 Jet (31 s)
 14:29:05 Jet (26 s)
 14:31:42 Jet (34 s)
 14:33 Spasm flooded earlier (<2h 34 m)
 14:34:28 Jet (27 s)
 14:37:07 Jet (?)
 14:38 Fountain off (29 m) ++++++
 14:39:50 Jet (20 s)
 14:43 Spasm still boiling and overflowing
 14:46 Drain
 14:49 Clepsydra paused
 14:52 Clepsydra resumed (3 m pause)

 18:00 Wind and rainstorm - blew down trees by Fountain parking lot and up by
 observation deck. After i came thru Firehole Lake Drive, I drove out onto
 flats by Gentian pool to keep from getting hit by falling trees - it was
 FIERCE !

18:56 Clepsydra on - Twig on - Spasm half full of clear water - Ft'n pool at 10 1/2"

18:58 Frolic

19:02:56 Jet (61 s)

19:05 Spasm water in west vent

19:06 Sizzler on

19:11 Kaleidoscope

19:21 Frolic

19:24 Sizzler off (18 m)

19:29 something to left of Kaleidoscope

19:30 Deep Blue

19:31 Spasm getting murky

19:31 Spasm on

19:32 Spasm overflow into west vent began

19:33 Kaleidoscope

19:33 Deep Blue (dual w/ Kaleidoscope)

19:35 Kaleidoscope

19:36 Bear Claw

19:36:20 Jet (67 s)

19:40 First noticed a sput between Clepsydra and Spasm playing probably as part of
Clepsydra. It's location is about 10' east of Clepsydra and 20' NW of
Spasm. There is another small steamer vent 10' closer to Spasm.

19:42 Spasm overflow to Jelly began (Jelly pool full BEFORE overflow begins)

19:43:55 Jet (50 s)

19:45 Spasm overflow reached Jelly

19:50:52 Jet (67 s)

19:53 Ft'n pool at 9"

19:57:18 Jet (69 s)

20:05:07 Jet (61 s)

20:17 Jet (?)

***** wind and rain storm - left for car

20:31 Jet (?) back again

20:35 Twig off (>1h 39m)

20:38:56 Jet (59 s)

20:48 Jet (?)

20:58 Jet (?)

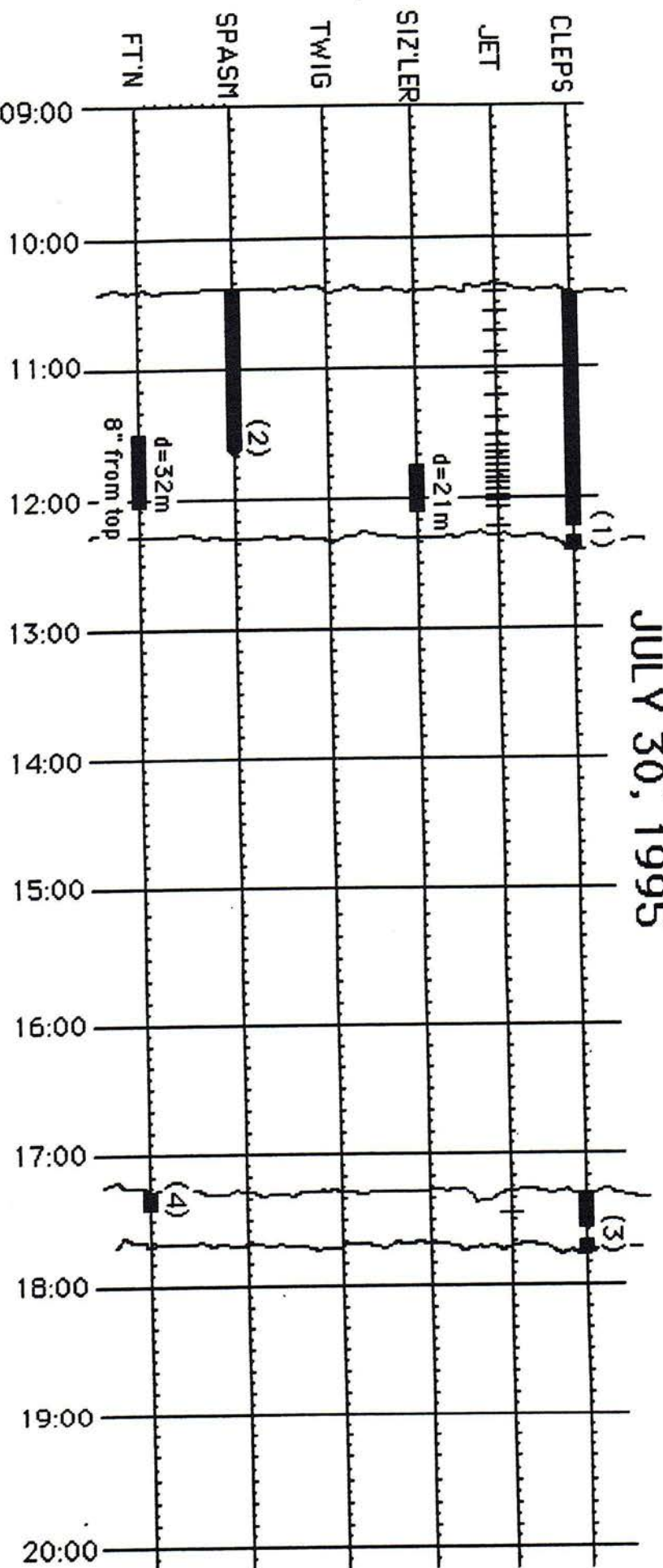
21:07 Jet (?)

21:14 Fountain ! (9" from top) (7h 05m interval) *****

Darkness, rain and steam obscured most of eruption

21:46 Fountain off (32 m) ++++++

JULY 30, 1995



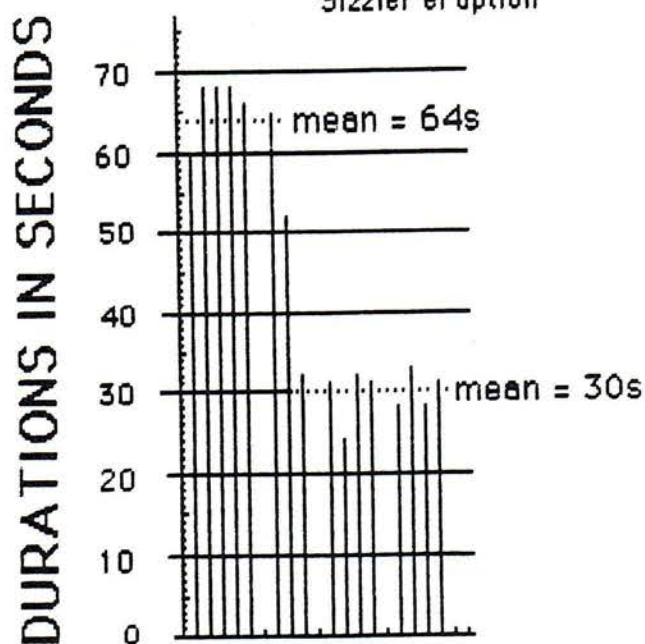
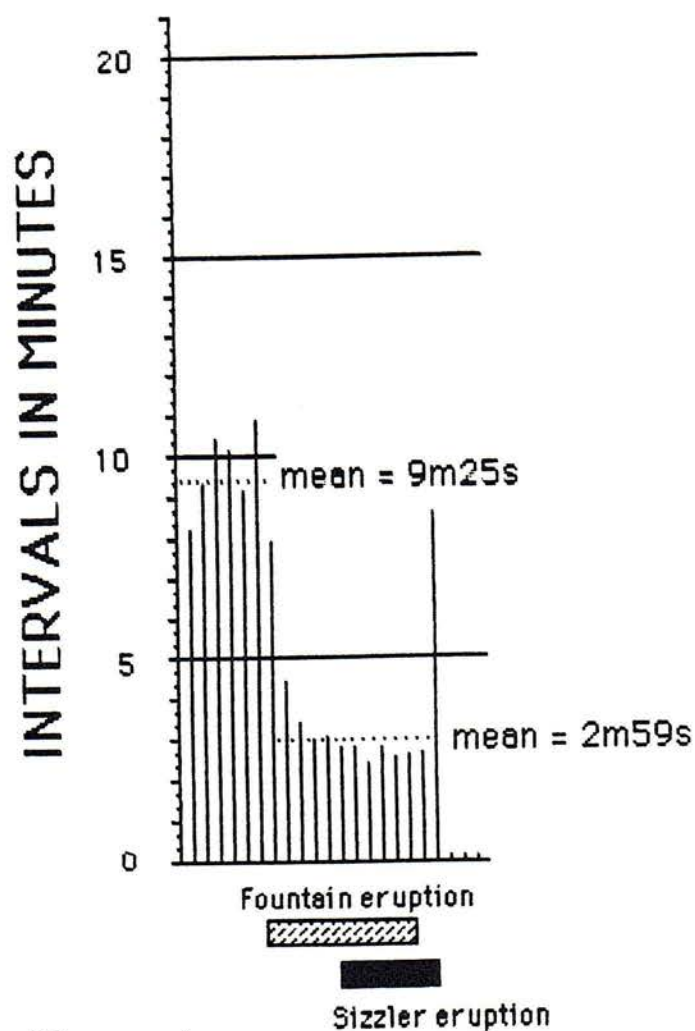
(1) 11m after Fountain stopped, Clepsydra paused for 4m 11s.

(2) Spasm's stop was unrecorded.

(3) 10m after Fountain stopped, Clepsydra paused for 5m.

(4) Fountain was near the end of its eruption when it had an awesome blast. The water came down between Twig and Fountain with a lot of it landing in Twig and beyond. Some logs 20' beyond Twig was the farthest it got. The noise was quite distinct—a long roar that lasted for a much longer than normal time. Steam and the fact that I was walking down the stairs near Twig obscured the height of the blast. I stepped off 120' from the middle of Fountain pool to the farthest logs.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS JULY 30, 1995



BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

JULY 30TH (SUNDAY)

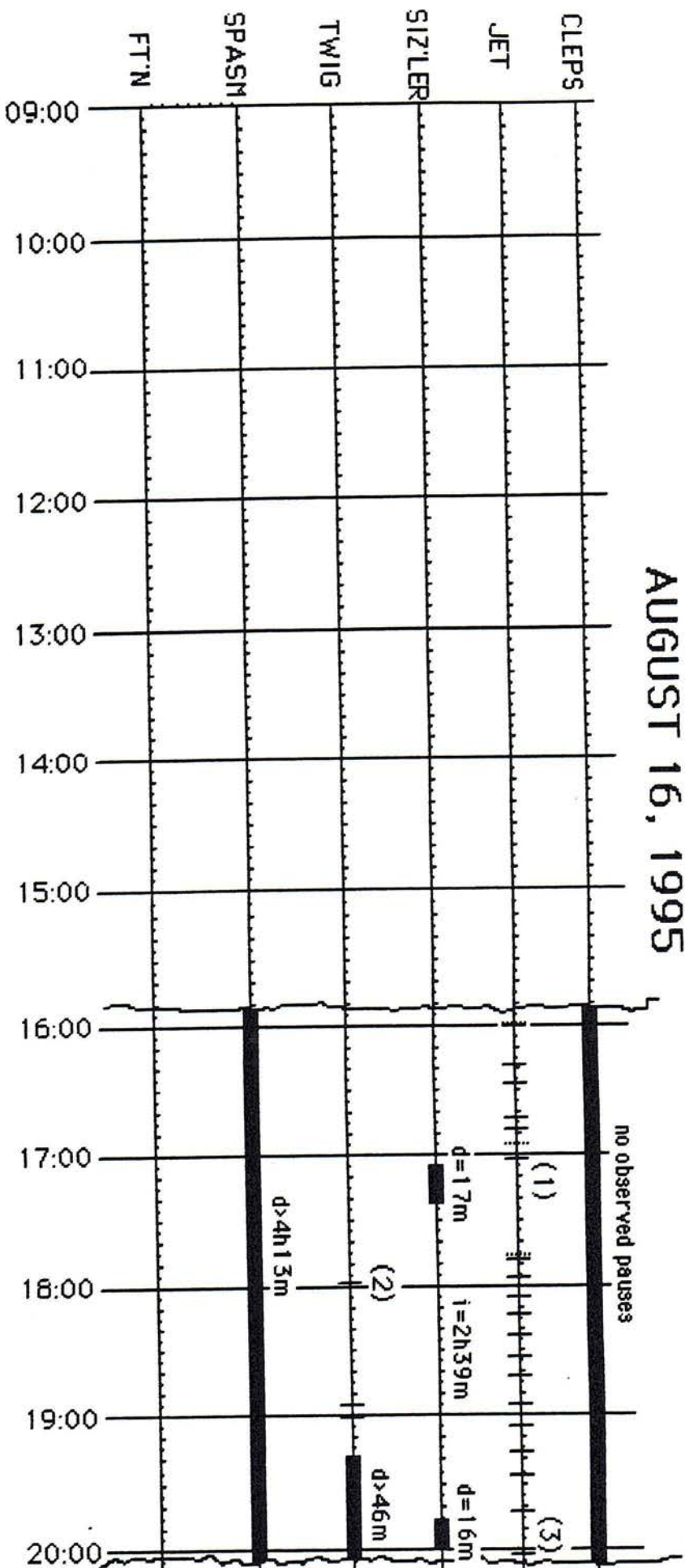
(copied from Todd Singleton)

10:25:50 Jet (60 s)
 10:34:02 Jet (68 s)
 10:43:21 Jet (68 s)
 10:53:44 Jet (68 s)
 11:03:54 Jet (66 s)
 11:13:02 Jet (?)
 11:23:53 Jet (65 s)
 11:30:43 Fountain ! (8" from top) *****
 11:31:47 Jet (52 s)
 11:36:15 Jet (32 s)
 11:39:40 Jet (?) cold, cloudy, steamy conditions
 11:42:39 Jet (31 s) couldn't see much of eruption
 11:45:42 Jet (24 s)
 11:45 Sizzler on
 11:46 Bear Claw major
 11:48:31 Jet (32 s)
 11:51:18 Jet (31 s)
 11:53:56 Jet (?)
 11:56:44 Jet (28 s)
 11:59:15 Jet (33 s)
 12:01:52 Jet (28 s)
 12:03 Fountain off (32 m) ++++++
 12:04:31 Jet (31 s)
 12:06 Sizzler off (21 m)
 12:13:06 Jet (?)
 12:14:02 Clepsydra paused
 12:18:13 Clepsydra resumed (4m 11s pause)
 #####
 12:43 A-2 (White Creek area with Todd Singleton)
 12:54 Tuft or Crescent (IE)
 14:05 Great Fountain
 14:45 White Dome
 15:17 White Dome minor
 #####
 17:18 Fountain ! (IE) *****
 17:22 huge blast from Fountain - most of it landed around Twig, about 100' from
 Fountain pool. Steam obliterated the blast just as I was walking down the
 stairs by Twig, but the large drops landed between Ft'n and wig with some
 drops over the top of Twig to a log 20' beyond Twig
 17:25 Fountain off (>7m) ++++++
 17:26 Bear Claw major
 17:27:25 Jet (15 s)
 17:35:30 Clepsydra paused
 17:40 Clepsydra resumed (5 m pause)
 #####

JULY 31ST (MONDAY)

07:52	Tardy (IE)
07:52	Spasmodic (IE)
07:52	Rift (IE)
07:53	Percolator
08:07	Artemesia (IE) (from Fan & Mortar)
08:33	Castle (IE) minor

AUGUST 16, 1995

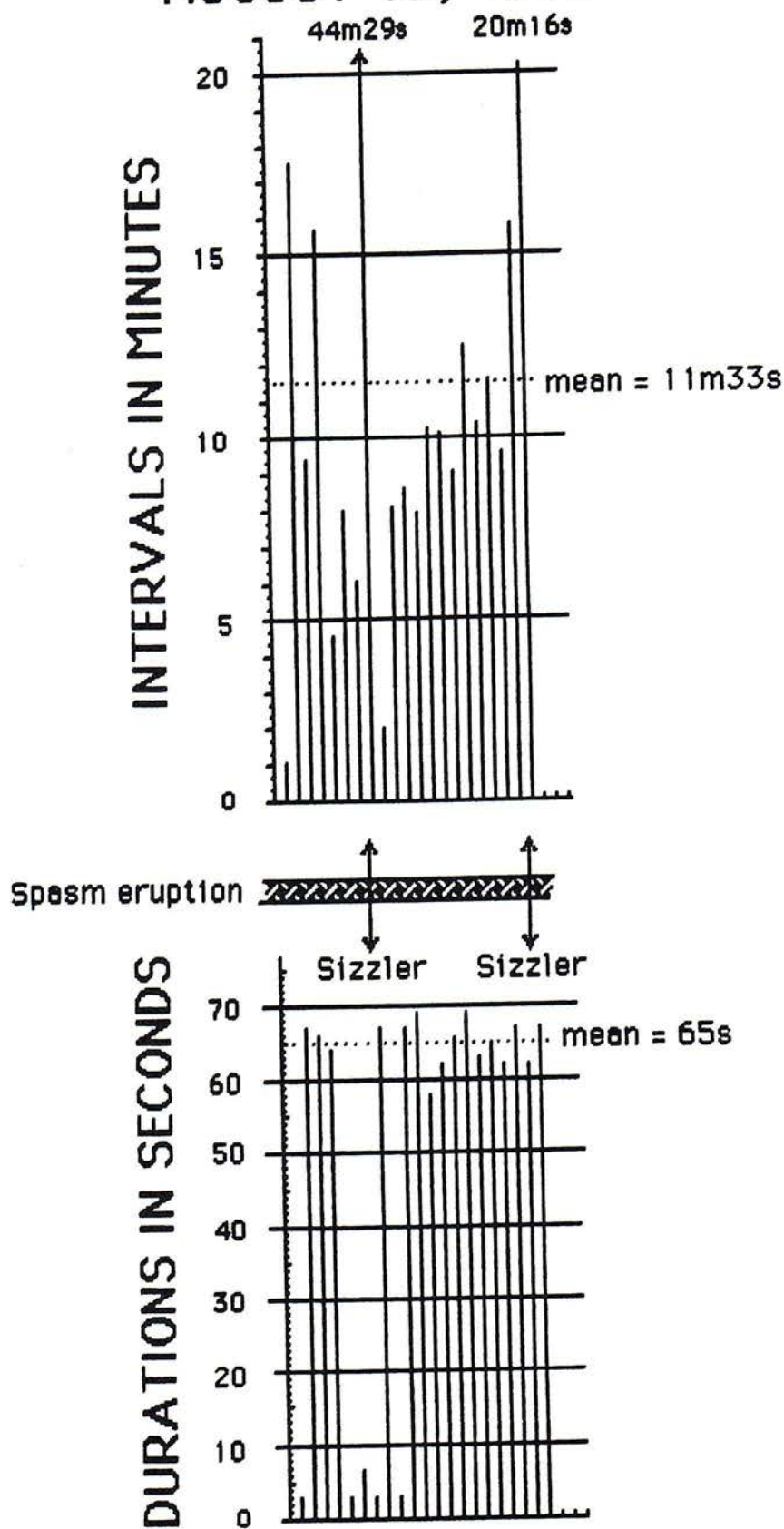


(1) Jet stopped as Sizzler erupted without Fountain erupting.

(2) Twig had a few false starts prior to its eruption.

(3) Jet stopped as usual when Sizzler erupted but came back 2m30s after Sizzler stopped.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 16, 1995



JET GEYSER DATA

LOWER GEYSER BASIN

YELLOWSTONE NATIONAL PARK

AUGUST 16, 1995

1

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
15:59:43	15:59:50	*			*	0:00:07			NO	NO
16:00:48	16:01:55		0:01:05			0:01:07			NO	NO
16:18:19	16:19:25		0:17:31			0:01:06			NO	NO
16:27:44	16:28:48		0:09:25			0:01:04			NO	NO
16:43:26	16:43:33	*	0:15:42		*	0:00:07			NO	NO
16:48:00	16:48:11	*	0:04:34		*	0:00:11			NO	NO
16:55:59	16:56:05	*	0:07:59		*	0:00:06			NO	NO
17:02:03	17:03:10		0:06:04			0:01:07			NO	NO
17:46:32	17:46:40	*	0:44:29		*	0:00:08			NO	YES
17:48:33	17:49:40		0:02:01			0:01:07			NO	NO
17:56:38	17:57:47		0:08:05			0:01:09			NO	NO
18:05:16	18:06:14		0:08:38			0:00:58			NO	NO
18:13:12	18:14:14		0:07:56			0:01:02			NO	NO
18:23:26	18:24:32		0:10:14			0:01:06			NO	NO
18:33:35	18:34:44		0:10:09			0:01:09			NO	NO
18:42:39	18:43:42		0:09:04			0:01:03			NO	NO
18:55:10	18:56:15		0:12:31			0:01:05			NO	NO
19:05:33	19:06:35		0:10:23			0:01:02			NO	NO
19:17:11	19:18:18		0:11:38			0:01:07			NO	NO
19:26:49	19:27:49		0:09:38			0:01:00			NO	NO
19:42:14	19:43:21		0:15:25			0:01:07			NO	NO
20:02:30		*	0:20:16	0:11:33	*	#####	0:01:05		NO	YES
LEFT AREA										

BLANK INDICATES MISSED DATA
 ##### INDICATES IMPOSSIBLE CALCULATION
 * DATA NOT INCLUDED IN MEAN CALCULATIONS

AUGUST 16TH (WEDNESDAY)

15:52 Clepsydra on, Spasm on and overflowing into Jelly, Jelly pool full and overflowing, Old Cone Geyser on, Ft'n pool at 11", Twig and Sizzler off

15:59:43 Jet (one splash)

16:00:48 Jet (67 s)

16:18:19 Jet (66 s)

16:19 Ft'n pool still at 11"

16:27:44 Jet (64 s)

16:35 Frolic

16:43:26 Jet (one splash)

16:48:00 Jet (two splashes)

16:50 Deep Blue

16:53 Ft'n pool surges up to 9 1/2"

16:55:59 Jet (one splash)

16:58 Ft'n pool still at 9 1/2"

17:02:03 Jet (67 s)

17:05 Sizzler on (sputts to west of Sizzler on - 3 of them where it used to be one - up to 6"

17:11 Ft'n pool still at 9 1/2"

17:14 Ft'n pool up to 8 1/2"

17:17 Old Cone Geyser still on

17:22 Sizzler off (17 m)

17:27 Ft'n pool at 8 1/2"

17:33 Kaleidoscope minor to 25'

17:46:32 Jet (one splash)

17:48:33 Jet (67 s)

17:50 Ft'n pool at 8 1/2"

17:56:38 Jet (69 s)(slow start)

17:58 Twig Sputted

18:05:16 Jet (58 s)

18:13:12 Jet (62 s)

18:17 Ft'n pool at 8"

18:23:26 Jet (66 s)

18:26 Ft'n pool still at 8" - Old Cone Geyser still going

18:33:35 Jet (69 s)

18:42:39 Jet (63 s)

18:55:10 Jet (65 s) met Glenn and Norie Neff

18:55 Twig sputted

18:57 Ft'n pool at 8"

19:01 Twig sputted

19:05:33 Jet (62 s)

19:17:11 Jet (67 s)

19:19 Twig on

19:20 Bear Claw major

19:26:47 Jet (62 s)

19:42:14 Jet (67 s)

19:44 Frolic

19:44 Sizzler on

20:00 Sizzler off (16 m)

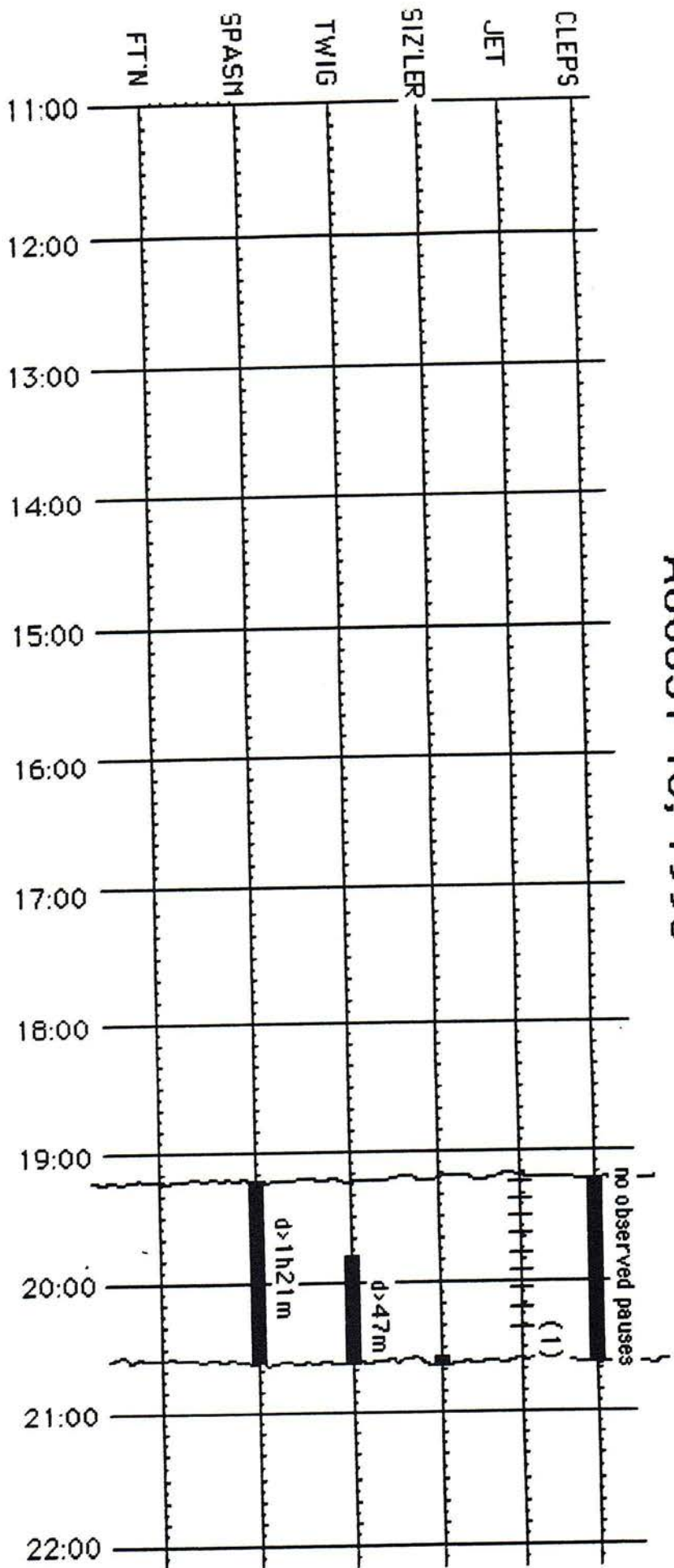
20:02:30 Jet (?)

20:05 Left the area

AUGUST 17TH (THURSDAY)

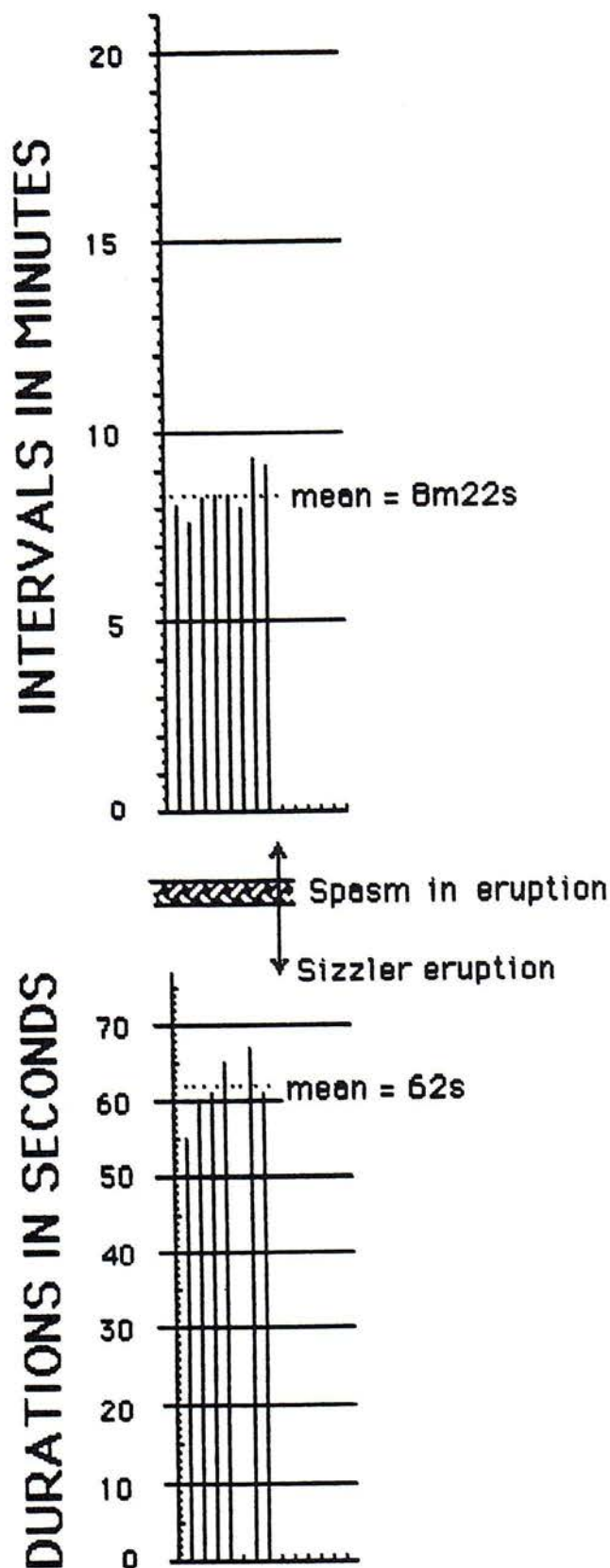
14:27	Constant (1 burst)
14:55	Constant (1 burst) (28 m)
15:23	Constant (1 burst) (28 m)
16:30	Echinus (9m 39s)

AUGUST 18, 1995



(1) Jet stopped erupting as Sizzler erupted without Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 18, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 18, 1995

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
19:14:48	19:15:43	*				0:00:55			NO	NO
19:22:53	19:23:53		0:08:05			0:01:00			NO	NO
19:30:30	19:31:31		0:07:37			0:01:01			NO	NO
19:38:45	19:39:50		0:08:15			0:01:05			NO	NO
19:47:06			0:08:21		*	#####			NO	NO
19:55:21	19:56:28		0:08:15			0:01:07			NO	NO
20:03:22	20:04:23		0:08:01			0:01:01			NO	NO
20:12:42			0:09:20		*	#####			NO	NO
20:21:48			0:09:06		*	#####			NO	NO
LEFT AREA				0:08:22			0:01:02		NO	YES

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

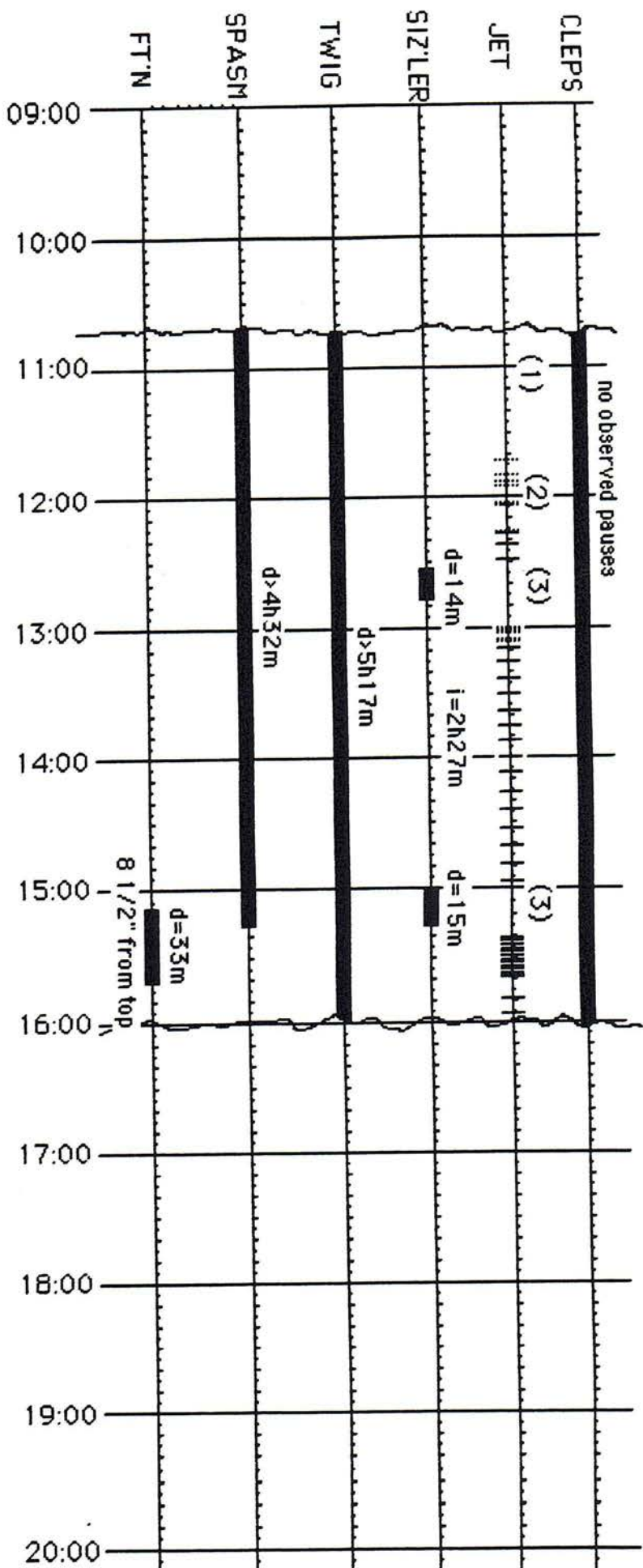
AUGUST 16TH (FRIDAY)

19:14:48	Jet (55 s)
19:18	Ft'n pool at 12-14" (steamy pool made it difficult to see) Spasm on and Clepsydra on, Twig off, Sizzler off
19:22:53	Jet (60 s)
19:30:30	Jet (61 s)
19:38:45	Jet (65 s)
19:47:06	Jet (?)
19:48	Twig on
19:55:21	Jet (67 s)
20:03:22	Jet (61 s)
20:12:42	Jet (?)
20:21:48	Jet (?)
20:34	Sizzler on
20:35	Left area without Fountain going off

AUGUST 19TH (SATURDAY)

08:27	Grand (IE)
08:27	Sawmill (IE)
08:40	West Triplet (IE)
09:54	Little Cub (IE)
10:03	Castle - minor (on video)
10:09	Castle - major (on video)
10:54	Plume
10:59	Little Cub (IE)
11:26	Daisy (on video)
13:09	Little Cub (IE)
13:23	Plume
13:25	Beehive Indicator (on video)
13:40	Beehive (IE) (on video)
15:55	Riverside (IE) (on video)
17:30	Rift (IE)
17:30	Percolator (IE)
18:32	Grand (on video) - 27m22s Turban prior to start - 4 bursts
19:50	Narcissus crater empty
19:52	Pink (IE)
20:10	Bead (Plume-like eruption over the sinter from Pink Cone)
20:15	Box (larger pool, sloshing-type eruption - farther from roadway)

AUGUST 20, 1995

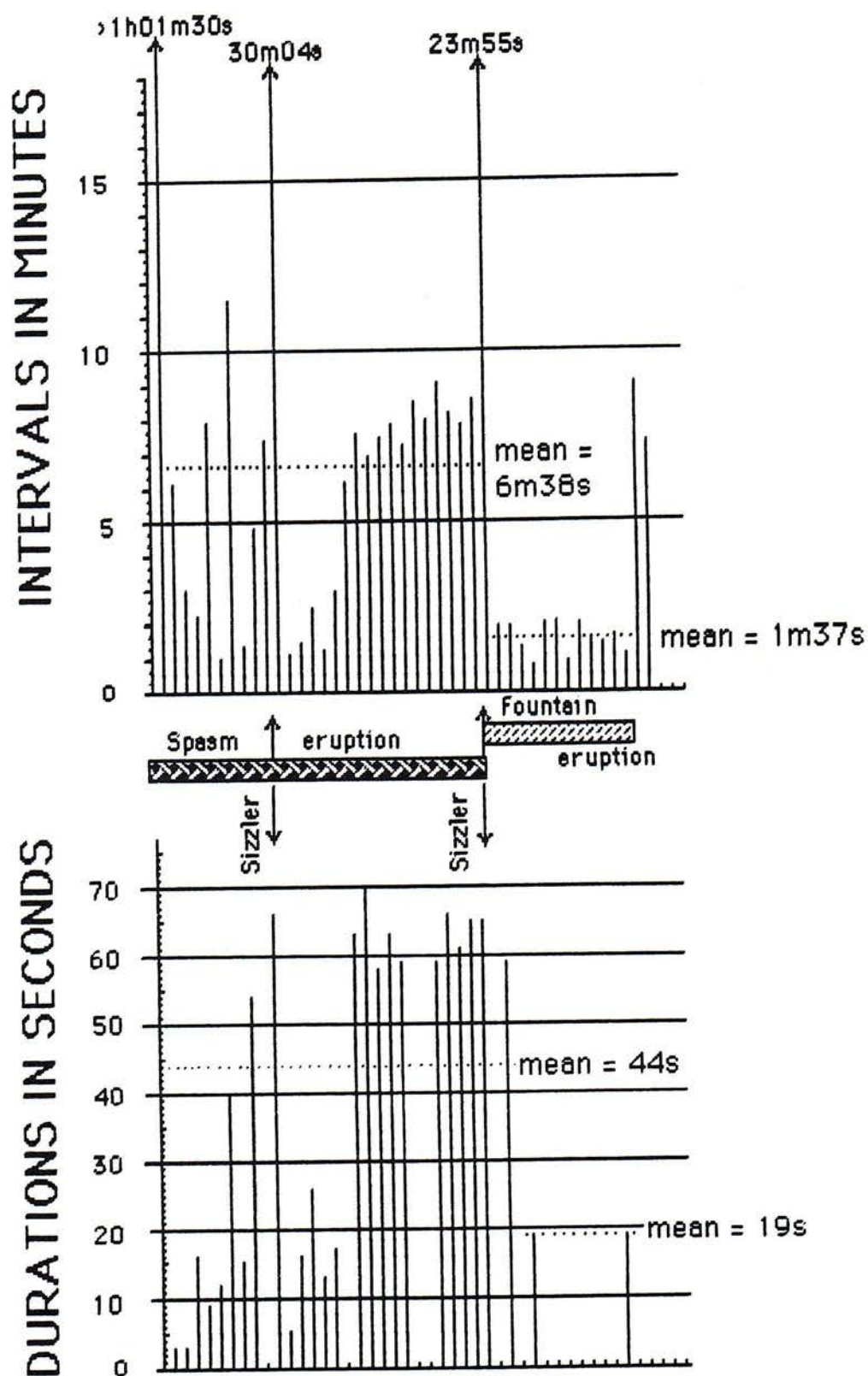


(1) Jet was off for 1h01m before it began a weak series of eruptions.

(2) Jet's weak series of eruptions lasted for another 1h31m and consisted of single splashes. Some of the eruptions lasted for only 15s and consisted of weak splashes.

(3) Jet stopped erupting as Sizzler erupted without Fountain erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 20, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 20, 1995

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
11:44:30	WEAK	*			*				NO	NO
11:50:39	WEAK		0:06:09		*				NO	NO
11:53:40	11:53:56		0:03:01			0:00:16			NO	NO
11:55:54	11:56:03		0:02:14			0:00:09			NO	NO
12:03:32	12:03:47		0:07:38			0:00:15			NO	NO
12:04:50	12:05:30		0:01:18			0:00:40			NO	NO
12:16:17	12:16:32		0:11:27			0:00:15			NO	NO
12:17:40	12:18:34		0:01:23			0:00:54			NO	NO
12:22:32			0:04:52		*	#####			NO	NO
12:29:56	12:31:02		0:07:24			0:01:06			NO	NO
13:00:00	WEAK	*	0:30:04		*				NO	YES
13:01:10	13:01:26		0:01:10			0:00:16			NO	NO
13:02:37	13:03:03		0:01:27			0:00:26			NO	NO
13:05:07	13:05:20		0:02:30			0:00:13			NO	NO
13:06:24	13:06:41		0:01:17			0:00:17			NO	NO
13:09:20			0:02:56		*	#####			NO	NO
13:15:32	13:16:35	**	0:06:12			0:01:03			NO	NO
13:23:44	13:24:54		0:08:12			0:01:10			NO	NO
13:30:36	13:31:34		0:06:52			0:00:58			NO	NO
13:38:14	13:39:17		0:07:38			0:01:03			NO	NO
13:45:11	13:46:10		0:06:57			0:00:59			NO	NO
13:52:41			0:07:30		*	#####			NO	NO
14:00:34			0:07:53		*	#####			NO	NO
14:07:48	14:08:47		0:07:14			0:00:59			NO	NO
14:16:19	14:17:25		0:08:31			0:01:06			NO	NO
14:24:19	14:25:20		0:08:00			0:01:01			NO	NO
14:33:24	14:34:29		0:09:05			0:01:05			NO	NO
14:41:36	14:42:41		0:08:12			0:01:05			NO	NO
14:49:29			0:07:53		*	#####			NO	NO
14:57:05	14:57:54		0:07:36			0:00:49			NO	NO
15:21:00		*	0:23:55	0:06:38	*	#####	0:00:44		YES	YES
15:22:55	15:23:14		0:01:55			0:00:19			YES	NO
15:24:53			0:01:58		*	#####			YES	NO
15:26:14			0:01:21		*	#####			YES	NO
15:27:00			0:00:46		*	#####			YES	NO
15:29:00			0:02:00		*	#####			YES	NO
15:31:03			0:02:03		*	#####			YES	NO
15:32:00			0:00:57		*	#####			YES	NO
15:34:00			0:02:00		*	#####			YES	NO
15:35:37	15:35:56		0:01:37			0:00:19			YES	NO
15:37:06			0:01:29		*	#####			YES	NO
15:38:46			0:01:40		*	#####			YES	NO
15:39:54			0:01:08		*	#####			YES	NO

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

**JET GEYSER DATA
LOWER GEYSER BASIN
YELLOWSTONE NATIONAL PARK
AUGUST 20, 1995**

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
15:42:00			0:02:06	0:01:37	*	#####	0:00:19		NO	NO
15:56:19		*	0:14:19		*	#####			NO	NO
LEFT AREA										
		** FIRST "NORMAL" ERUPTION								
		THE INITIAL ERUPTIONS VIEWED WERE WEAK ONES								

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

AUGUST 20TH (SUNDAY)

10:43 Clepsydra on, Twig on, Spasm on, Jelly pool about 4" from top, Sizzler looks to be recently off, Ft'n pool at 12"

10:53 Sub

11:03 Ft'n pool holding at 12"

11:05 Ft'n pool up to 11"

11:09 Deep Blue

11:15 Sub

11:27 Ft'n pool up to 10"

11:28 Sub

11:33 Frolic

11:36 Sub

11:37 Jet has been growling, trying to start, but has not been able to yet

11:38 Ft'n pool up 1/2", then drops back down to 10"

11:42 Ft'n pool up to 9 1/2"

11:43 Ft'n pool back down to 10"

11:44:30 Jet (weak splashes)

11:49 Jelly pool full and overflowing

11:50 Ft'n pool up to 9 1/2" again

11:50:39 Jet (weak splashes)

11:51 Ft'n pool up to 9"

11:53:40 Jet (16 s) (weak, but stronger splashes)

11:54 Deep Blue major

11:54 Big burst to the left of Kaleidoscope (Drain ?)

11:55:54 Jet (9 s)

12:03:50 Jet (12 s)

12:04:50 Jet (40 s) (weak splashes mostly)

12:16:17 Jet (15 s)

12:17:40 Jet (54 s)

12:22:32 Jet (?)

12:28 Ft'n pool at 8 1/2 - 9"

12:29:56 Jet (66 s)

12:33 Sizzler on

12:37 Deep Blue

12:47 Sizzler off (14 m)

12:49 Ft'n pool at 8 1/2 - 9"

12:55 Ft'n pool at 8 1/2"

12:59 Ft'n pool up to 8"

13:00:00 Jet (?) (weak splashes)

13:01:10 Jet (16 s)

13:01 Ft'n pool up to 8"

13:02:37 Jet (26 s) (weak)

13:04 Ft'n pool dropped to 9"

13:05:07 Jet (13 s) (weak and short)

13:06:24 Jet (17 s)

13:09:20 Jet (?)

13:10 Ft'n pool up to 8 1/2"

13:12 Kaleidoscope

13:13	Ft'n pool dropped to 9 1/2"
13:15:32	Jet (63 s) "normal eruption"
13:18	Ft'n pool up to 8 1/2"
13:18:43	Ft'n pool up to 8"
13:19:30	Ft'n pool dropped again
13:23:44	Jet (70 s)
13:27	Ft'n pool up to 8 1/2"
13:30:36	Jet (58 s)
13:31	Ft'n pool dropped to 9 1/2"
13:37	Ft'n pool up to 8 1/2"
13:38:14	Jet (63 s)
13:44	Ft'n pool remained at 8 1/2"
13:45:11	Jet (59 s)
13:45	Ft'n pool up slightly to 8 1/4"
13:49	Ft'n pool dropped to 9 1/2"
13:52:41	Jet (?)
13:53	Ft'n pool up to 8 1/4"
13:54	Kaleidoscope (long, but not high)
14:00:34	Jet (?)
14:02	Honeycomb
14:07:48	Jet (59 s)
14:13	Sub (above the rim)
14:16:19	Jet (66 s)
14:24:19	Jet (61 s)
14:30	Twig still on, Clepsydra still on, Spasm on, Ft'n pool at 8 1/2"
14:33:24	Jet (65 s)
14:41:36	Jet (65 s)
14:43	Kaleidoscope
14:47	Deep Blue
14:49:29	Jet (?)
14:53	Drain (wide bursts in Kaleidoscope area)
14:55	Little something to left of Kaleidoscope - 2 bursts - large ! like Grand
14:57:05	Jet (59 s)
14:59	3rd burst by "Little something to left ..."
15:00	Sizzler on
15:08	Ft'n pool surges
15:08	Fountain ! (8 1/2" from top) *****
15:15	Spasm flooded
15:15	Sizzler off (15 m)
15:15	Clepsydra began pounding
15:17	Morning's Thief burst up 10'
15:21:00	Jet (?)
15:22:55	Jet (19 s)
15:24:53	Jet (?)
15:26:14	Jet (?)
15:27	Jet (?)
15:29	Jet (?)
15:31:03	Jet (?)
15:32	Jet (?)

15:32 Kaleidoscope
 15:34 Jet (?)
 15:35:37 Jet (19 s)
 15:36 Kaleidoscope (IE)
 15:37:06 Jet (?)
 15:38:46 Jet (?)
 15:39:54 Jet (?)
 15:41 Fountain off (33 m) ++++++
 15:49 Jet (?)
 15:56:19 Jet (?)
 16:00 no Clepsydra pause
 #####
 16:32 Bead
 #####
 19:18 Jewel (IE)
 19:19 Shell Spring
 19:25 Jewel s,s,w,m,w,vw (6 bursts)
 19:26 Silver Globe Group
 19:27 Mustard Spring
 19:33 Jewel s,w,m,w,vw,s (6 bursts)
 19:37 Silver Globe Group
 19:41 Mustard Spring
 19:41 Jewel m,s,m,m,m (5 bursts)
 19:44 something north from Mustard Spring across the boardwalk
 19:45 Mustard Spring
 19:49 Shell Spring
 19:50 Jewel vs,s,m,w,s (5 bursts)
 #####
 20:23 Castle
 20:37 Plate (IE)
 20:39 Lion
 20:39 Plume
 21:10 Tilt
 21:17 Old Faithful (IE)
 21:30 Depression
 21:52 Lion minor
 22:06 Little Cub
 #####

AUGUST 21ST (MONDAY)

07:22 Old Faithful (IE)

07:35 Tilt (IE)

#####

10:14 Little Cub (10 m)

10:47 Plate (6 m)

11:10 Plume

11:17 Little Cub (12 m) (1h 03m)

11:47 Beehive Indicator (partially on video)

12:04 Beehive (on video)

#####

12:33 Bulger

14:10 Penta (on video) (d = about 40 m)

15:15 Bulger

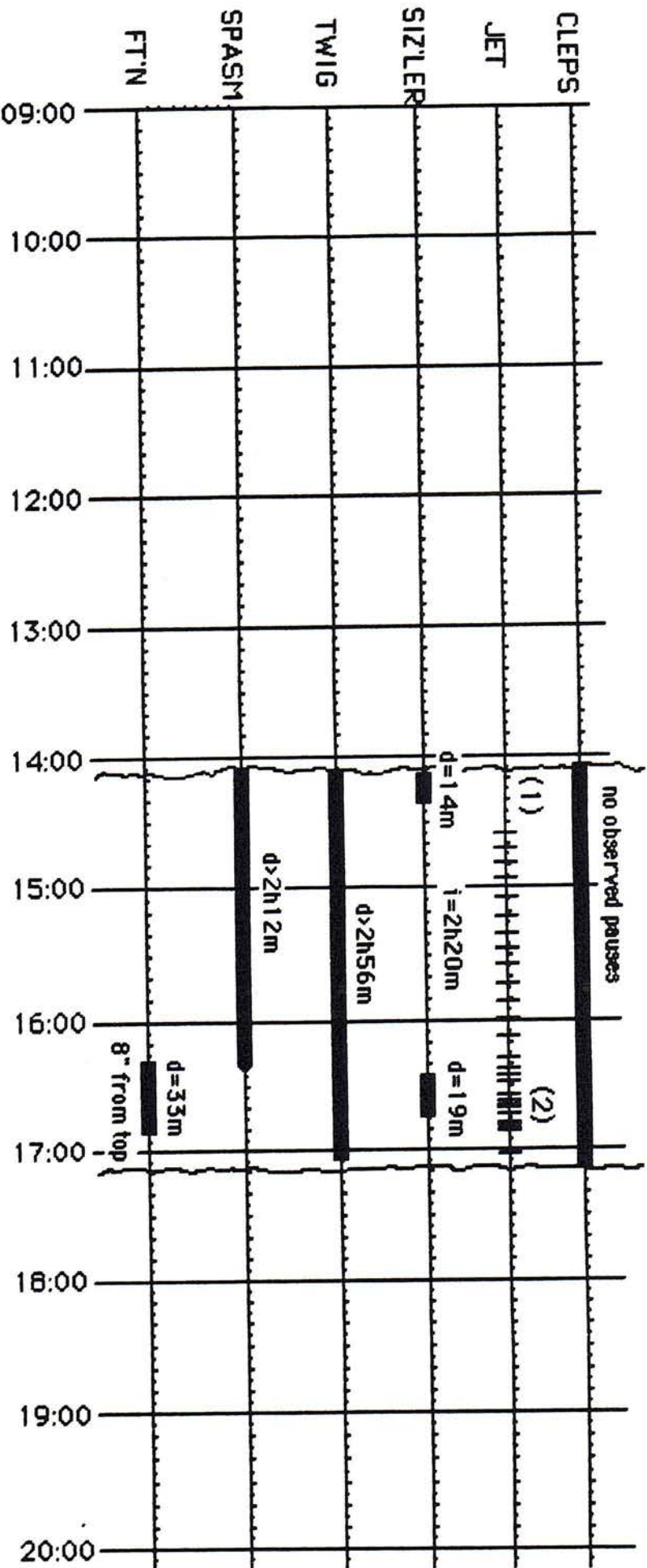
15:32 Grand (on video)

15:54 Old Tardy

15:54 Grand still was doing afterbursts

#####

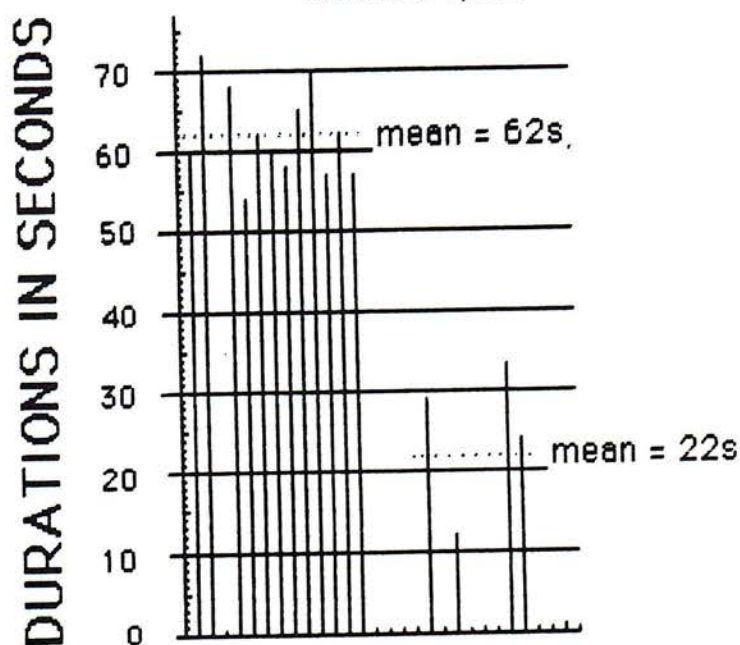
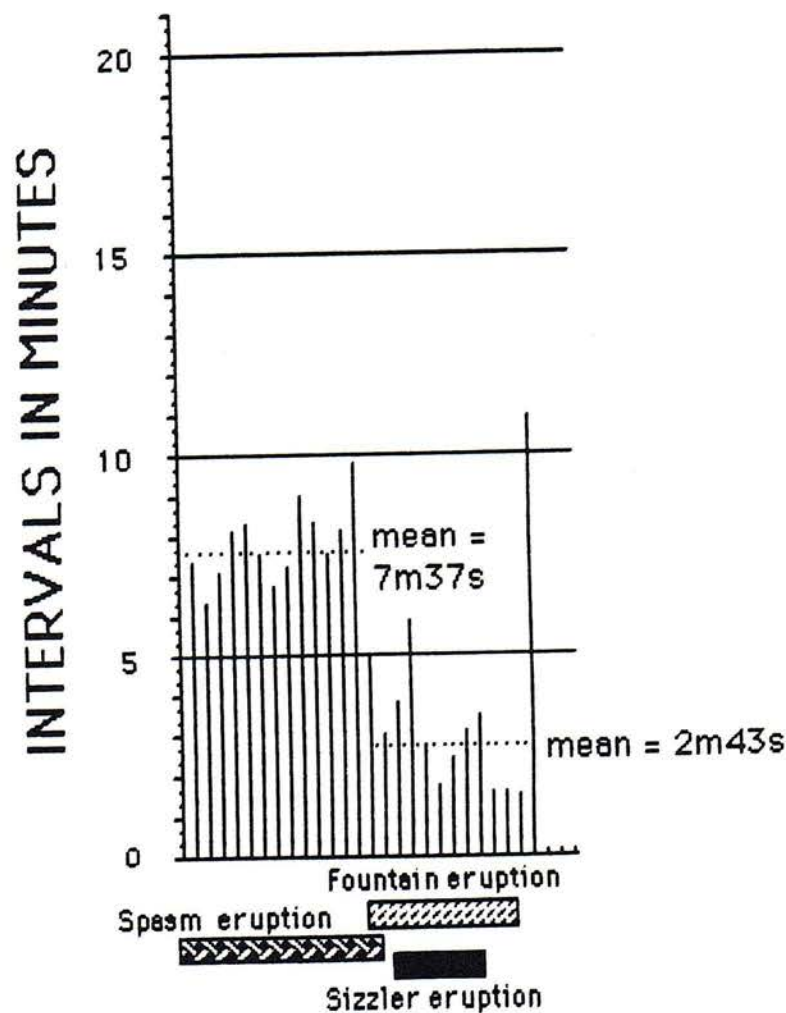
AUGUST 23, 1995



(1) Jet stopped erupting as Sizzler erupted without Fountain erupting.

(2) Jet erupted in its quick mode as Fountain erupted even though Sizzler was erupting.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 23, 1995



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 23, 1995

START TIME	END TIME		INTERVAL IN H:M:S	INTERVAL MEANS		DURATION IN H:M:S	DURATION MEANS		WAS FOUNTAIN ERUPTING	WAS SIZZLER ERUPTING
14:35:23	14:36:23	*				0:01:00			NO	NO
14:42:44	14:43:56		0:07:21			0:01:12			NO	NO
14:49:00			0:06:16		*	#####			NO	NO
14:56:14	14:57:22		0:07:14			0:01:08			NO	NO
15:04:24	15:05:18		0:08:10			0:00:54			NO	NO
15:12:45	15:13:47		0:08:21			0:01:02			NO	NO
15:20:16	15:21:16		0:07:31			0:01:00			NO	NO
15:27:02	15:28:00		0:06:46			0:00:58			NO	NO
15:34:13	15:35:18		0:07:11			0:01:05			NO	NO
15:43:14	15:44:24		0:09:01			0:01:10			NO	NO
15:51:33	15:52:30		0:08:19			0:00:57			NO	NO
15:59:04	16:00:06		0:07:31			0:01:02			NO	NO
16:07:11	16:08:08		0:08:07			0:00:57			NO	NO
16:17:00			0:09:49		*	#####			NO	NO
16:22:00			0:05:00	0:07:37	*	#####	0:01:02		YES	NO
16:25:00			0:03:00		*	#####			YES	NO
16:28:47			0:03:47		*	#####			YES	YES
16:34:39	16:35:08		0:05:52			0:00:29			YES	YES
16:37:24			0:02:45		*	#####			YES	YES
16:39:14	16:39:26		0:01:50			0:00:12			YES	YES
16:40:38			0:01:24		*	#####			YES	YES
16:43:43			0:03:05		*	#####			YES	YES
16:47:11			0:03:28		*	#####			YES	NO
16:48:46	16:49:09		0:01:35			0:00:23			YES	NO
16:50:22	16:50:46		0:01:36			0:00:24			YES	NO
16:51:54			0:01:32	0:02:43	*	#####	0:00:22		NO	NO
17:02:51		*	0:10:57		*	#####			NO	NO
LEFT AREA										

BLANK INDICATES MISSED DATA
INDICATES IMPOSSIBLE CALCULATION
* DATA NOT INCLUDED IN MEAN CALCULATIONS

AUGUST 23RD (TUESDAY)

09:28 Plate (IE)
 09:28 Plume (IE)
 09:38 Little Cub (IE)
 10:09 Depression (IE)
 10:49 Oblong (IE)
 10:51 Daisy (IE)
 10:52 Riverside (IE)
 11:22 Beehive
 11:55 Sawmill (IE)
 12:07 Little Cub (IE)
 13:31 Plume

#####

14:08 Sizzler on
 14:05 Twig was on, Spasm was on, Jelly pool full and overflowing, Ft'n pool at 8"
 14:22 Sizzler off (14 m)
 14:35:23 Jet (60 s)
 14:42:44 Jet (72 s)
 14:49:06 Jet (?)
 14:56:14 Jet (68 s)
 15:04:24 Jet (54 s)
 15:12:45 Jet (62 s)
 15:20:16 Jet (60 s)
 15:27:02 Jet (58 s)
 15:34:13 Jet (65 s)
 15:43:14 Jet (70 s)
 15:51:33 Jet (57 s)
 15:59:04 Jet (62 s)
 16:03 Deep Blue
 16:07:11 Jet (57 s)
 16:17 Jet (?)
 16:18 Ft'n pool surging
 16:18 Fountain ! (8" from the top) (on video)*****
 16:22 Jet (?)
 16:23 Fountain big burst over 100'
 16:23 Spasm flooded
 16:25 Jet (?)
 16:25 Sizzler on
 16:26 Kaleidoscope
 16:28 Kaleidoscope
 16:28:47 Jet (?)
 16:29 Sub
 16:29 Clepsydra began pounding
 16:34:39 Jet (29 s)
 16:35 Bear Claw
 16:36 Deep Blue major
 16:37:24 Jet (?)
 16:39 Sizzler still erupting with lots of water - a different kind of eruption than

normal

16:39:14 Jet (12 s)
16:40 Clepsydra was really pounding
16:40:38 Jet (?)
16:42 Kaleidoscope
16:43:43 Jet (?)
16:44 Sizzler off (19 m)
16:44 Kaleidoscope
16:44 Big burst from Fountain
16:47:11 Jet (?)
16:48:46 Jet (33 s)
16:50:22 Jet (24 s)
16:51 Fountain off (33 m) ++++++
16:51:54 Jet (?)
17:02:51 Jet (?)
17:04 Twig off
17:05 Spasm draining - down about 12"
17:06 Deep Blue
17:10 Spasm drained almost out of sight - Jelly pool down about 2" - no Clepsydra

pause

AUGUST 24TH (WEDNESDAY)

09:50 Beehive Indicator (IE)
09:57 Beehive

***** left for home in the rain