

AUGUST 6, 2000

16:55 Fountain on *****(time from Andrew – as we drove into the park) *****

19:23 Little Cub (ie)

19:26 Plume (4 bursts)

19:43 Plate

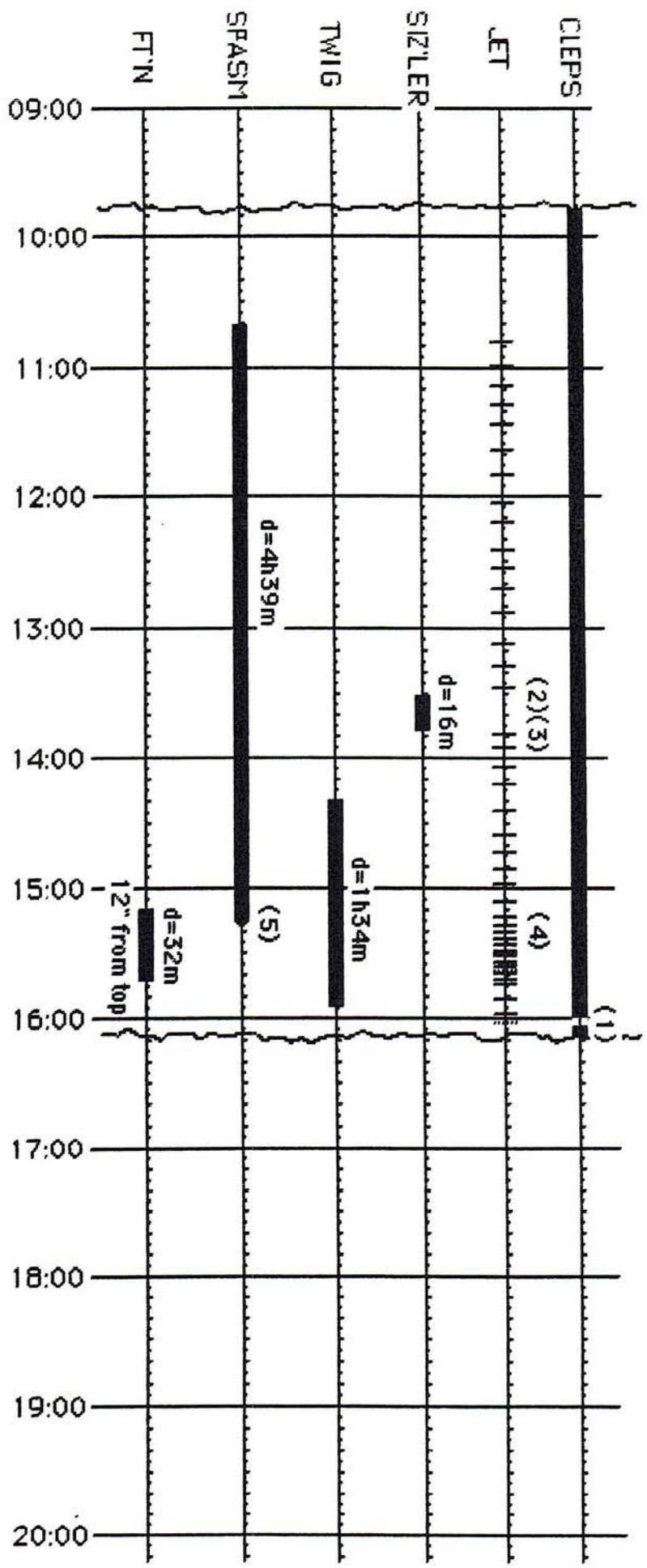
19:44 Sawmill

19:47 Old Faithful (ie)

19:49 Castle

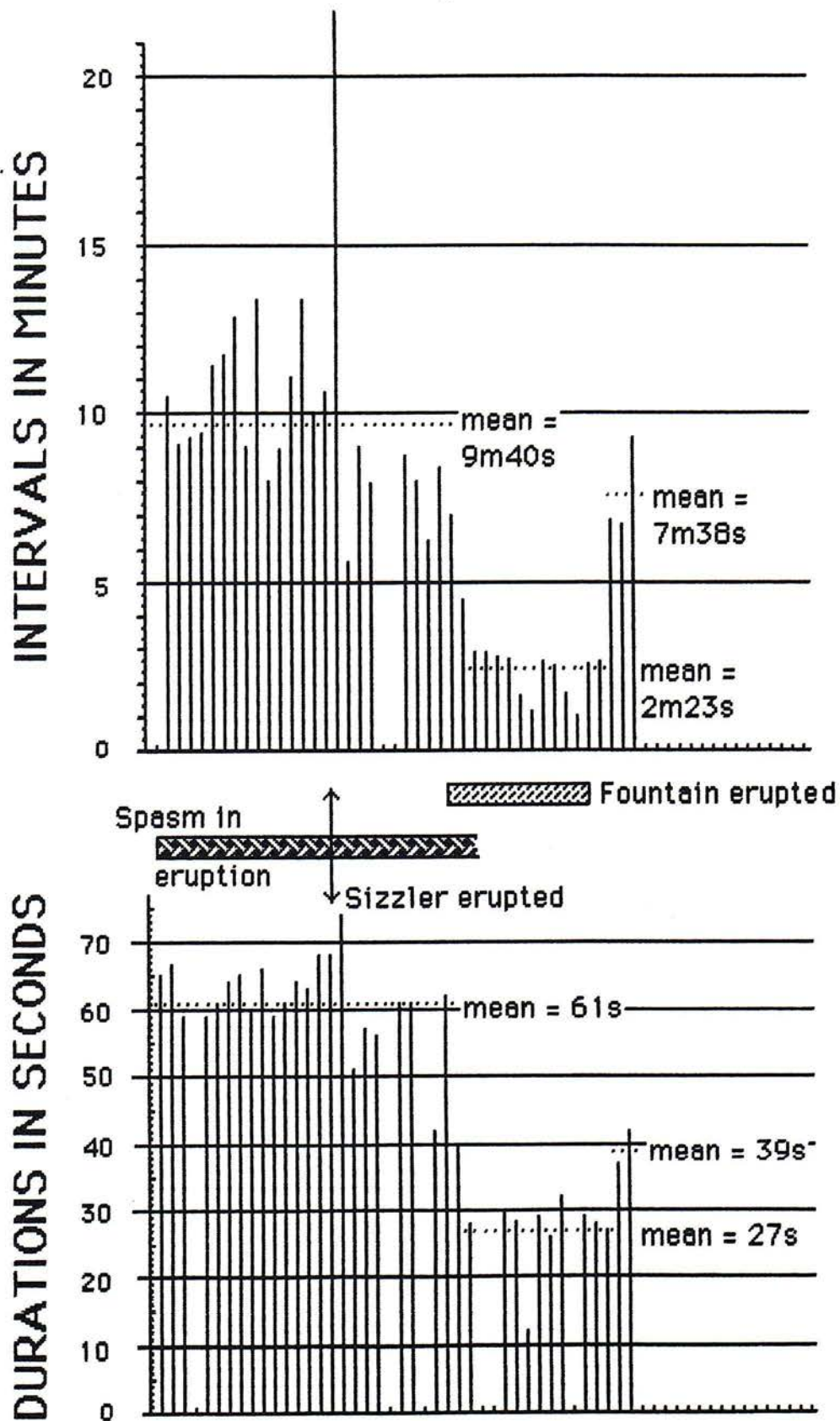
20:04 Plume

AUGUST 7, 2000



- (1) Clepsydra paused 18 minutes after Fountain stopped for 4 minutes.
- (2) Jet stopped erupting as Sizzler erupted.
- (3) Jet began erupting again 2 minutes after Sizzler stopped.
- (4) Jet began erupting with short intervals as Fountain erupted.
- (5) The end of Spasm eruptions are difficult to time exactly. Fountain's overflow drowns out Spasm's eruption at some point during Fountain's eruption. Spasm continues to bubble gently during some of this filling.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 7, 2000



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 7, 2000

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

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

AUGUST 7, 2000

Time of Jet Geyser eruption (duration of eruption in seconds) > time period
between eruptions in minutes and seconds

10:48:44 Jet (65s)
10:59:11 Jet (67s) > 10m27s
11:08:15 Jet (59s) > 9m04s
11:17:33 Jet (???) > 9m18s
11:26:58 Jet (59s) > 9m25s
11:38:23 Jet (61s) > 11m25s
11:50:08 Jet (64s) > 11m45s
12:03:03 Jet (65s) > 12m55s
12:12:04 Jet (60s) > 9m01s
12:25:34 Jet (66s) > 13m30s
12:33:36 Jet (59s) > 8m02s
12:42:32 Jet (61s) > 8m56s
12:53:35 Jet (64s) > 11m03s
13:07:03 Jet (63s) > 13m28s
13:17:00 Jet (68s) > 9m57s
13:27:32 Jet (68s) > 10m32s
~~~~~ Sizzler on  
~~~~~ Sizzler off  
13:49:33 Jet (74s) > 22m01s
13:55:10 Jet (51s) > 5m37s
14:04:10 Jet (57s) > 9m00s
14:12:05 Jet (56s) > 7m55s
14:24:?? Jet (???) > ~12m
14:35:05 Jet (61s) > ~11m
14:43:49 Jet (61s) > 8m44s
14:51:50 Jet (???) > 8m01s
14:58:03 Jet (42s) > 6m13s
15:06:26 Jet (62s) > 8m23s
~~~~~ Fountain on  
15:13:28 Jet (40s) > 7m02s  
15:17:56 Jet (28s) > 4m28s  
15:20:47 Jet (???) > 2m51s  
15:23:37 Jet (???) > 2m50s  
15:26:19 Jet (30s) > 2m42s  
15:29:00 Jet (28s) > 2m41s  
15:30:37 Jet (12s) > 1m37s  
15:31:47 Jet (29s) > 1m10s  
15:34:23 Jet (27s) > 2m36s  
15:36:53 Jet (32s) > 2m30s  
15:38:33 Jet (one) > 1m40s  
15:39:35 Jet (29s) > 1m02s  
15:42:09 Jet (28s) > 2m34s  
~~~~~ Fountain off  
15:44:44 Jet (27s) > 2m35s
15:51:37 Jet (37s) > 6m53s
15:58:21 Jet (42s) > 6m44s
16:07:37 Jet (???) > 9m16s
XXXX LEFT AREA XXXX

AUGUST 7, 2000

09:46 Pink Cone (ie)
10:04 Enter Fountain area - Spasm empty, Jelly empty, Sizzler off, Twig off, Bear Claw on, Fountain pool at 18", Jet steaming
10:22 Deep Blue
10:24 Fountain pool rising
10:38 Fountain pool rising
10:41 Spasm on (ie)
10:46 Deep Blue (big ones)
10:48:44 Jet (65s)
10:51 Spasm(both vents filling)
10:58 Fountain pool still rising
10:59:11 Jet (67s)
11:08:15 Jet (59s)
11:10 Fountain pool at 14"
11:17:33 Jet (???)
11:26:58 Jet (59s)
11:38:23 Jet (61s)
11:41 Fountain pool holding
11:46 Frolic
11:50:08 Jet (64s)
11:52 Fountain pool holding
12:03:03 Jet (65s)
12:12:04 Jet (60s)
12:25:34 Jet (66s)
12:33:36 Jet (59s)
12:42:32 Jet (61s)
12:50 Fountain pool rising to 13"
12:53:35 Jet (64s)
13:07:03 Jet (63s)
13:15 Fountain pool rising to 12"
13:17:00 Jet (68s)
13:18 Spasm quietly bubbling
13:27:32 Jet (68s)
13:31:34 Sizzler on (also called Super Fryingpan or UNNG-FTN2)
13:34 Kaleidescope
13:35 Kaleidescope
13:47:30 Sizzler off
13:49:33 Jet (74s)
13:55:10 Jet (51s)
14:04 Fountain pool holding
14:04:10 Jet (57s)
14:12:05 Jet (56s)
14:17 Bear Claw still on
14:20 Twig on

14:24:?? Jet (???)
14:35:05 Jet (61s)
14:43:49 Jet (61s)
14:51:50 Jet (???)
14:58:03 Jet (42s)
14:59 Kaleidoscope
15:01 Frolic
15:06:26 Jet (62s)
15:10:59 Fountain on ***** (pool at 12" from top) *****
15:11 Twig still on
15:13:28 Jet (50s)
15:17:56 Jet (28s)
15:20:47 Jet (???)
15:23:37 Jet (???)
15:24 Spasm still bubbling
15:25 Clepsydra steam vent begins
15:26:19 Jet (30s)
15:29:00 Jet (28s)
15:30:37 Jet (12s)
15:31:47 Jet (29s)
15:34:23 Jet (27s)
15:36:53 Jet (32s)
15:38:33 Jet (one burst)
15:39:35 Jet 29s)
15:42:09 Jet (28s)
15:42:26 Fountain off -----(d = 32m)-----
15:44:44 Jet (27s)
15:45 Twig still on
15:51:37 Jet (37s)
15:54:59 Twig off (d = 1h 34m)
15:58:21 Jet (42s)
16:00:31 Clepsydra paused
16:04:04 Clepsydra resumed
16:07:37 Jet (???)
16:10 LEFT AREA

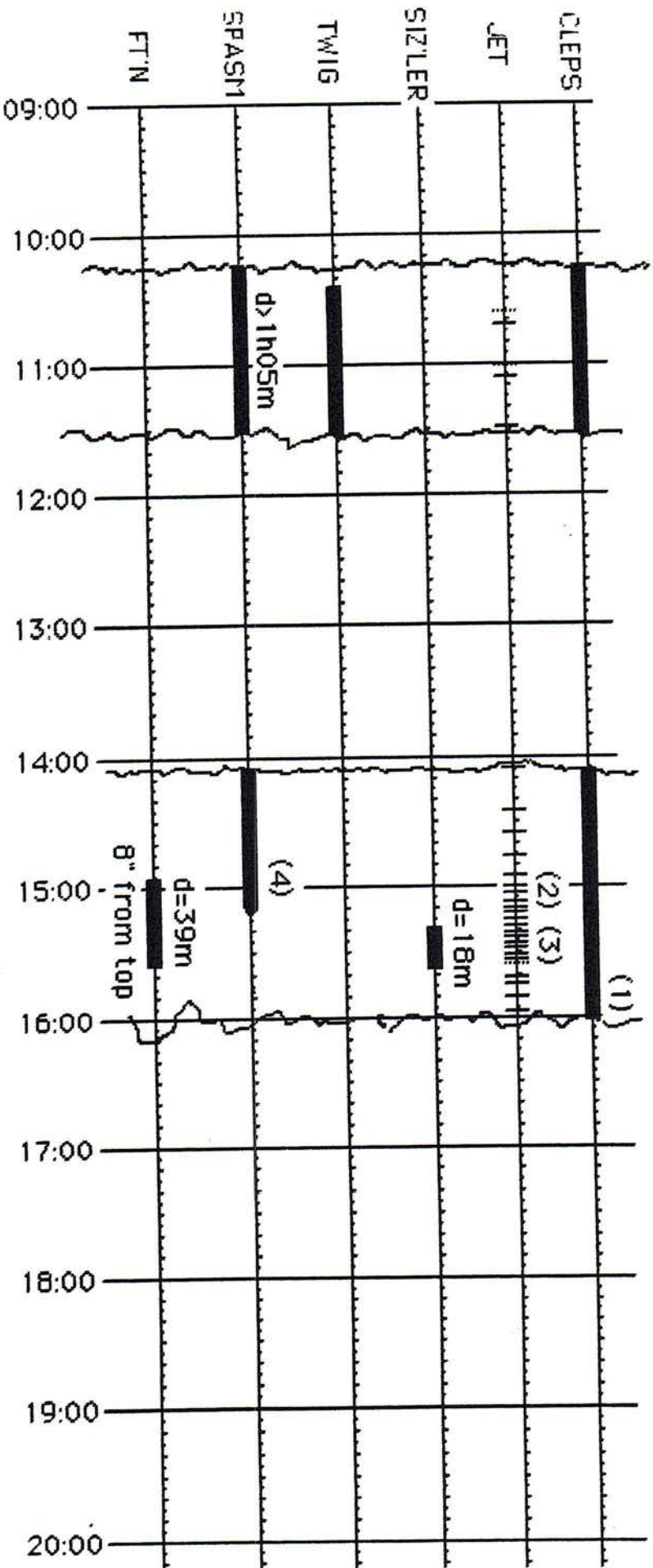
AUGUST 8, 2000

| | | |
|-------|---|---|
| 09:11 | White Dome | Henry James – geyser gazer at Grotto, Riverside |
| 10:33 | Little Cub | area |
| 10:35 | Lion | |
| 10:42 | Old Faithful | 14 channel 38 code FRS - radios used in |
| 11:03 | Plume (5 bursts) | park by gazers |
| 11:57 | Castle (ie) | |
| 12:31 | West Triplet | |
| 12:44 | Daisy (ie) (from Grand) | |
| 12:44 | Artemesia (ie) (from Grand) | |
| 13:56 | Rocket (ie) (from Grand) | |
| 14:26 | Oblong (ie) (from Grand) | |
| 14:34 | Grand (3 bursts) | |
| 14:37 | Vent | |
| 14:47 | Grand off | |
| 15:09 | Beehive ! (saw indicator going as we crossed bridge by Castle and were able to get to the Beehive benches on Lower Hams side of the river) | |

AUGUST 9, 2000

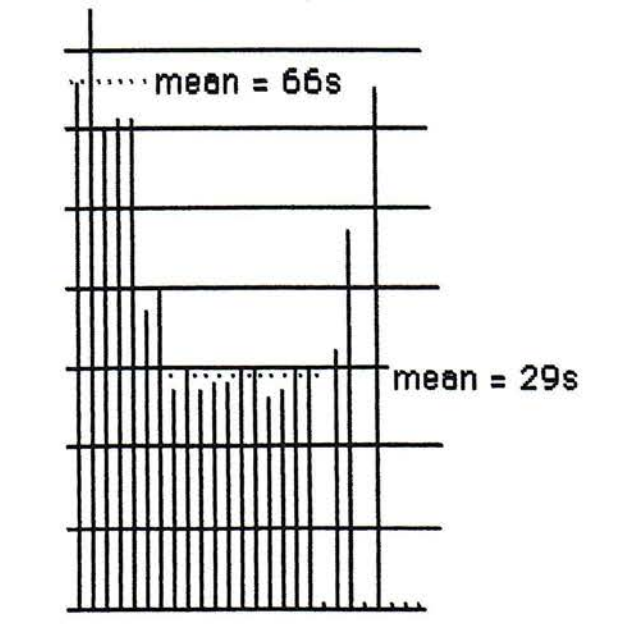
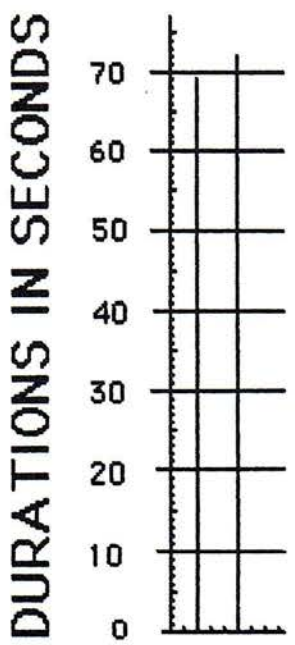
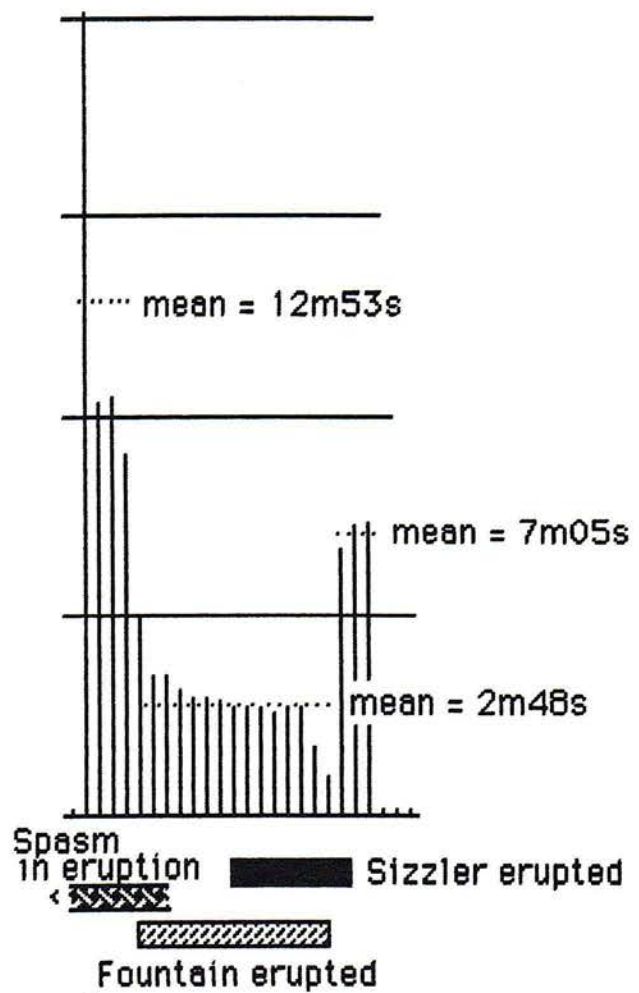
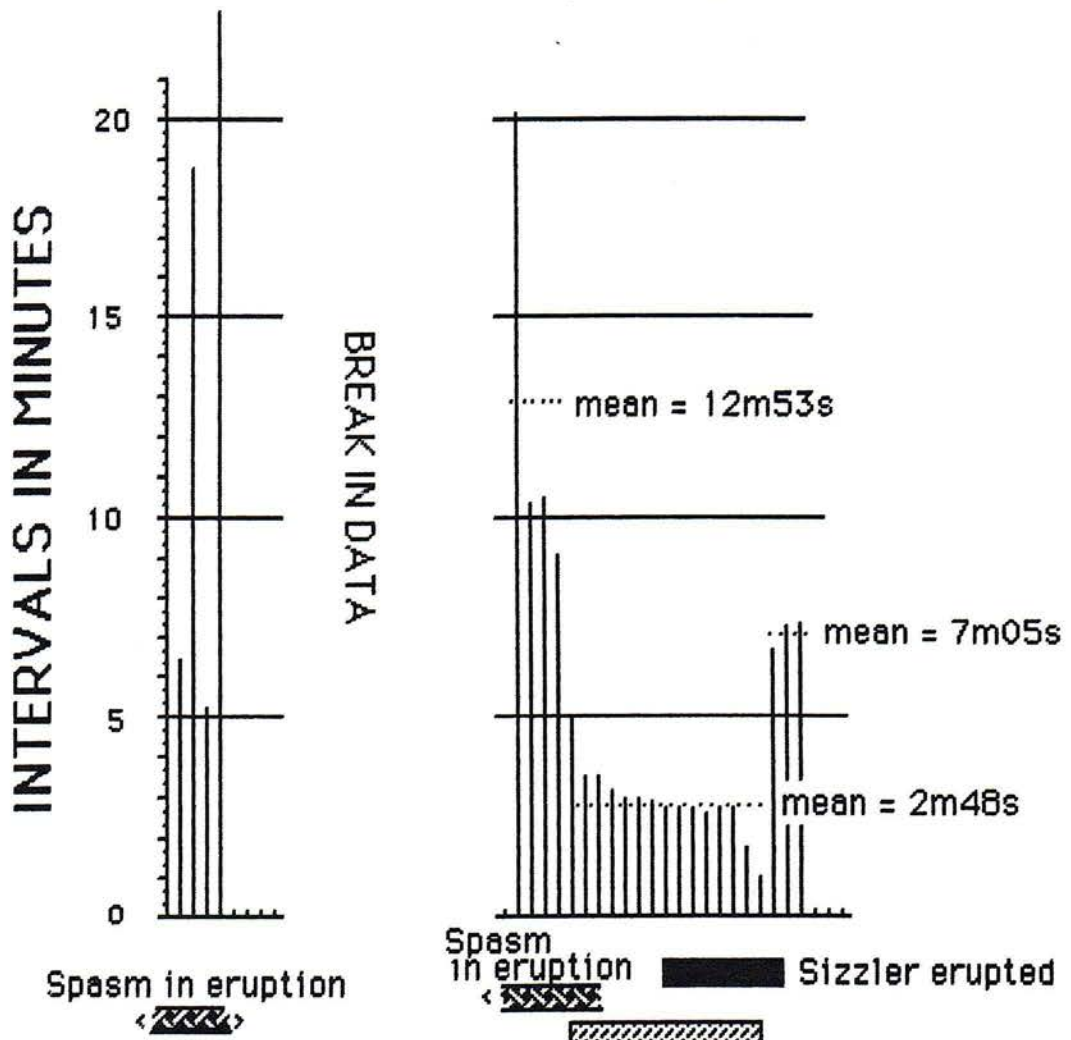
| | | |
|-------|--------------------------------|--|
| 10:36 | Grotto Fountain | from Henry James : Indicator pool in front |
| 10:37 | South Grotto Fountain | of Grotto Fountain must have water in it |
| 10:39 | Grotto | before Grotto starts |
| 14:06 | Riverside | (Riverside overflow = 80-100m) |
| 14:46 | Grand (from Oblong) (2 bursts) | Grotto duration x 2 + 1 hour = Grotto |
| 14:30 | Fountain (from another gazer) | interval |

AUGUST 10, 2000



- (1) No observed Clepsydra pause
- (2) Jet began erupting on its short cycle as Fountain erupted.
- (3) Jet continued to erupt on its short cycle as Sizzler erupted.
- (4) Spasm's duration was probably greater than 4h41m. (A long duration)

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 10, 2000



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 10, 2000

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

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

AUGUST 10, 2000

Time of Jet Geyser eruption (duration of eruption in seconds) > time period
between eruptions in minutes and seconds

10:36:30 Jet (one)
10:42:54 Jet (69s) > 6m24s
11:01:38 Jet (one) > 18m44s
11:06:51 Jet (???) > 5m13s
11:29:30 Jet (72s) > 22m39s
XXXX LEFT AREA – RAIN XXXX
14:05:27 Jet (66s)
14:25:33 Jet (75s) > 20m06s
14:35:53 Jet (60s) > 10m20s
14:46:20 Jet (61s) > 10m27s
14:55:29 Jet (61s) > 9m09s
~~~~~ Fountain on  
15:00:25 Jet (37s) > 4m56s  
15:03:44 Jet (40s) > 3m19s  
15:07:03 Jet (27s) > 3m19s  
15:10:01 Jet (30s) > 2m58s  
15:12:51 Jet (27s) > 2m50s  
15:15:40 Jet (28s) > 2m49s  
15:18:26 Jet (28s) > 2m46s  
~~~~~ Sizzler on  
15:21:04 Jet (30s) > 2m38s
15:23:43 Jet (30s) > 2m39s
15:26:20 Jet (26s) > 2m37s
15:28:46 Jet (27s) > 2m26s
15:31:22 Jet (30s) > 2m36s
15:33:57 Jet (30s) > 2m35s
~~~~~ Fountain off  
15:35:41 Jet (one) > 1m44s  
15:36:43 Jet (32s) > 1m02s  
~~~~~ Sizzler off  
15:43:25 Jet (47s) > 6m42s
15:50:40 Jet (???) > 7m15s
15:57:58 Jet (66s) > 7m18s
XXXX LEFT AREA XXXX

AUGUST 10, 2000

10:15 ENTER AREA Bear Claw on, Spasm on lightly, Fountain pool at 13",
Clepsydra on, Sizzler off (probably just off), Twig off, Jet steaming

10:24 Twig on

10:36:30 Jet (one splash)

10:42:54 Jet (69s)

10:45 Fountain pool up to 11"

11:01:38 Jet (one splash)

11:06:51 Jet (???)

11:29:30 Jet (72s – slow start) RAIN IN AREA

11:32 LEFT AREA

12:21 White Dome

12:23 Great Fountain (mostly steam)

12:38 Pink Cone (ie)

12:47 Flood

14:05 ENTER AREA AGAIN Spasm on, Fountain pool at 8", Twig off, Clepsydra
on, Sizzler off

14:05:27 Jet (66s)

14:19 Fountain pool at 6"

14:25:33 Jet (75s)

14:35:53 Jet (60s)

14:46:20 Jet (61s)

14:53 Deep Blue – several bursts

14:55:29 Jet (61s)

15:55 Fountain begins to surge

14:56 Fountain on ***** (pool at 6" from top) *****

14:59 Spasm flooded

15:00:25 Jet (37s)

15:03:44 Jet (40s)

15:07:03 Jet (27s) Energetic Fountain eruption

15:10:01 Jet (30s)

15:12:51 Jet (27s)

15:15:40 Jet (28s) Beautiful sunshine!

15:18:26 Jet (30s)

15:19:17 Sizzler on

15:21:04 Jet (30s)

15:23:43 Jet (30s)

15:26:20 Jet (26s)

15:28:46 Jet (27s)

15:31:22 Jet (30s)

15:33:57 Jet (30s)

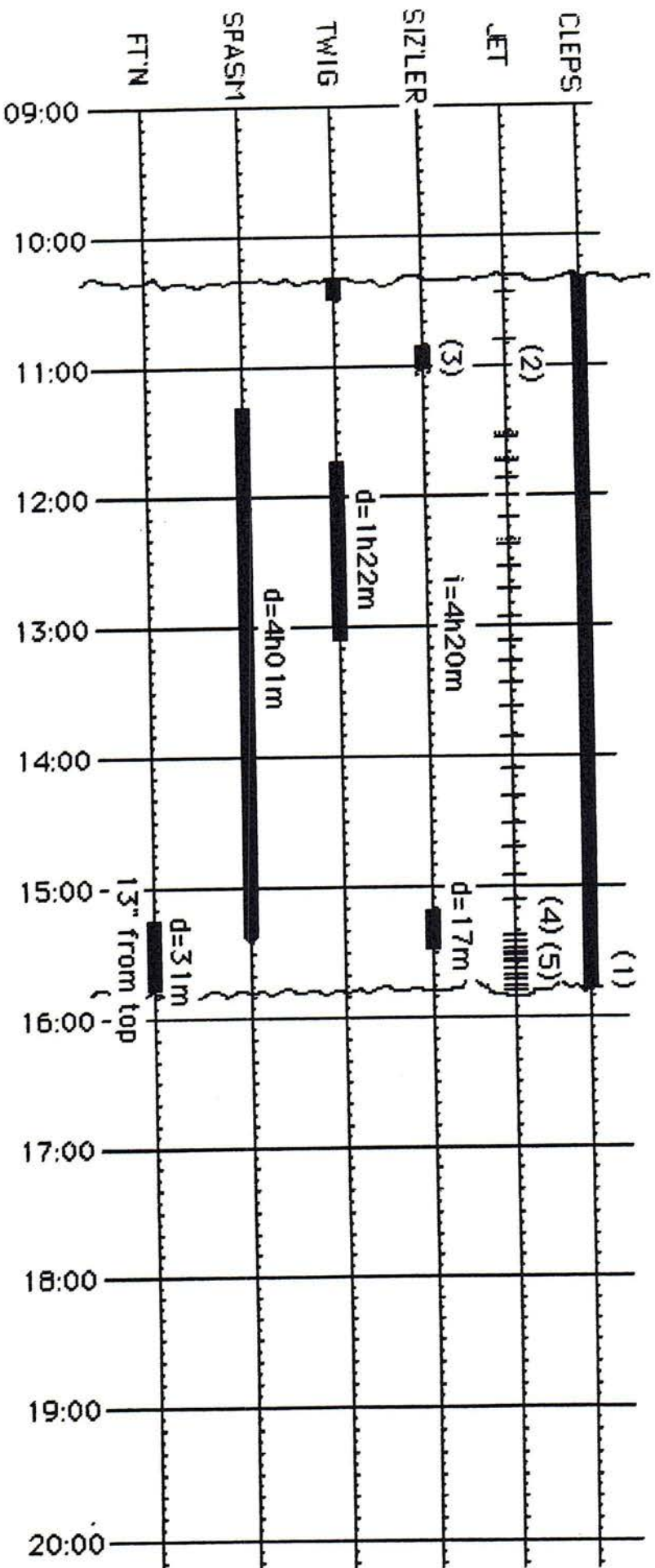
15:35:14 Fountain off ----- (d = 39m) -----

15:35:41 Jet (one splash)

15:35 Frolic
15:36:43 Jet (32s)
15:37 Sizzler off (d = 18m) Rich and Debbie Glasser from Denver, CO
15:43:25 Jet (47s)
15:47 Kaleidoscope
15:50:40 Jet (???)
15:57:58 Jet (66s)
16:00 LEFT AREA (no Clepsydra pause)

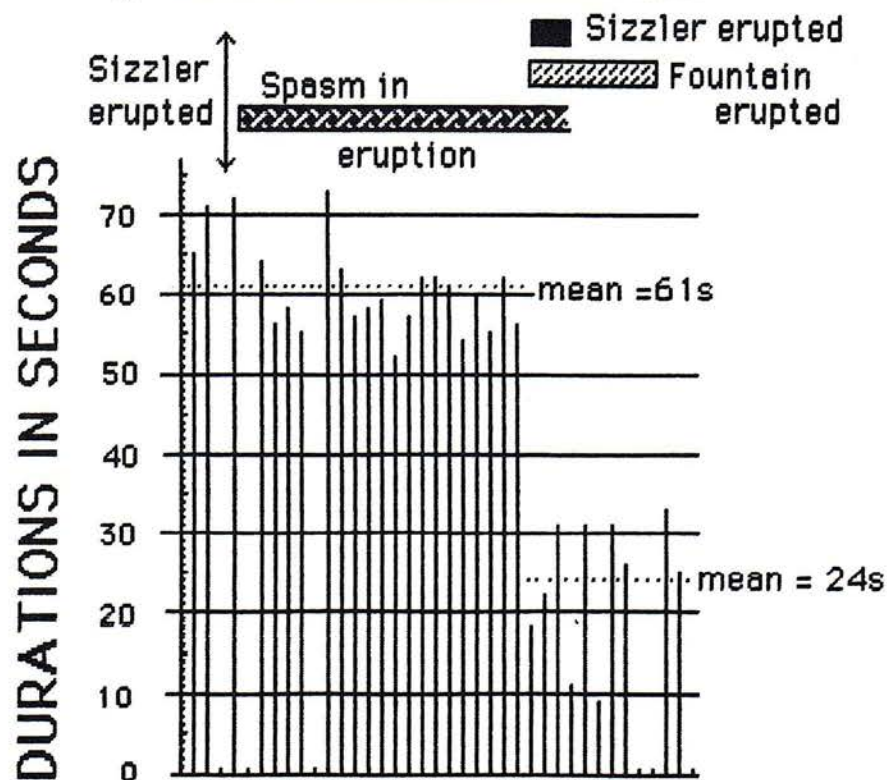
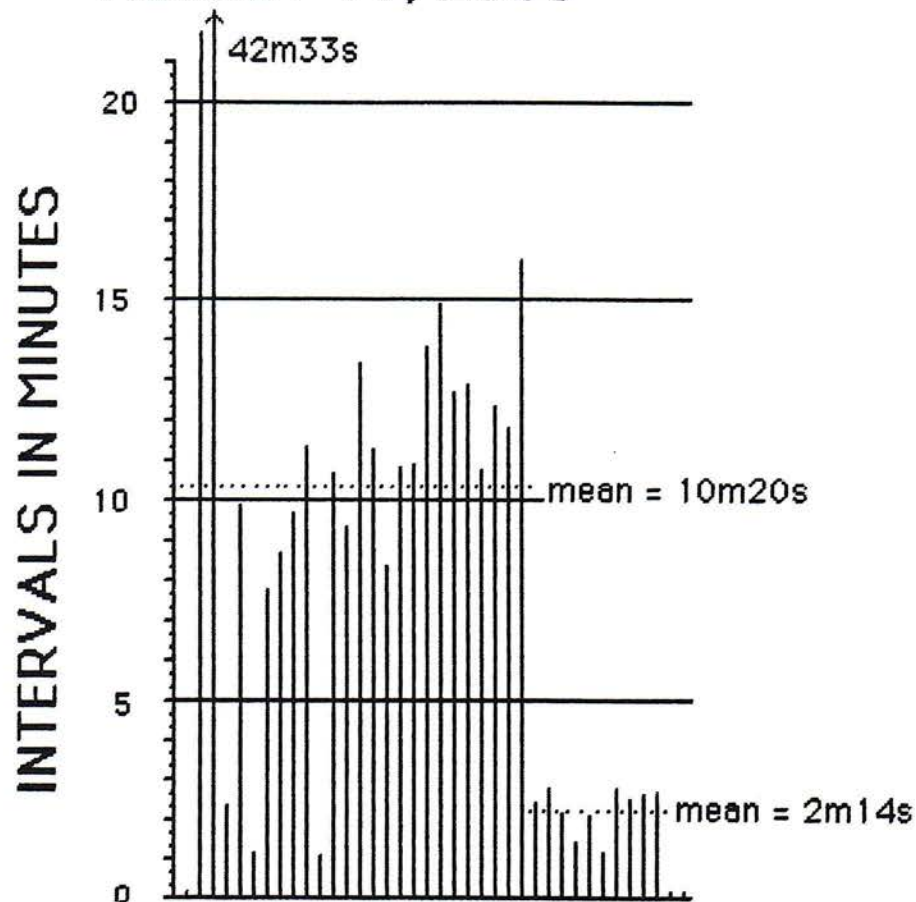
17:41 Artemesia (ie) (from Grand)
17:54 Oblong (ie) (from Grand)
19:08 Grand (2 bursts) (recorded on new video camera)

AUGUST 11, 2000



- (1) Did not stay to see if Clepsydra paused.
- (2) Jet stopped erupting for 43m as Sizzler erupted without Fountain in eruption.
- (3) The stop time for Sizzler was not recorded.
- (4) Sizzler erupted 4m before Fountain erupted. Jet stopped erupting for 16m and then started to erupt 7m after Fountain began to erupt.
- (5) Jet erupted in its short mode as Fountain continued to erupt.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 11, 2000



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 11, 2000

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

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

AUGUST 11, 2000

Time of Jet Geyser eruption (duration of eruption in seconds) > time period
between eruptions in minutes and seconds

10:26:46 Jet (65s)
10:48:30 Jet (71s) > 21m44s
~~~~~ Sizzler on  
~~~~~ Sizzler off  
11:31:03 Jet (one) > 42m33s
11:33:27 Jet (72s) > 2m24s
11:43:21 Jet (one) > 9m54s
11:44:29 Jet (64s) > 1m08s
11:52:15 Jet (56s) > 7m46s
12:00:55 Jet (58s) > 8m43s
12:10:35 Jet (55s) > 9m40s
12:21:55 Jet (one) > 11m20s
12:23:00 Jet (73s) > 1m05s
12:33:40 Jet (63s) > 10m50s
12:43:09 Jet (57s) > 9m19s
12:56:32 Jet (58s) > 13m23s
13:07:50 Jet (59s) > 11m18s
13:16:10 Jet (52s) > 8m20s
13:26:59 Jet (57s) > 10m49s
13:37:50 Jet (62s) > 10m51s
13:51:36 Jet (62s) > 13m46s
14:06:27 Jet (61s) > 14m51s
14:19:07 Jet (54s) > 12m40s
14:31:59 Jet (60s) > 12m52s
14:42:44 Jet (55s) > 10m45s
14:55:04 Jet (62s) > 12m20s
15:06:54 Jet (56s) > 11m50s
~~~~~ Sizzler on  
~~~~~ Fountain on  
15:22:53 Jet (18s) > 15m59s
15:25:18 Jet (22s) > 2m25s
15:28:01 Jet (31s) > 2m43s
~~~~~ Sizzler off  
15:30:08 Jet (11s) > 2m07s  
15:31:32 Jet (31s) > 1m29s  
15:33:35 Jet (09s) > 1m58s  
15:34:45 Jet (31s) > 1m10s  
15:37:30 Jet (26s) > 2m45s  
15:40:05 Jet (???) > 2m35s  
15:42:35 Jet (???) > 2m30s  
15:45:10 Jet (33s) > 2m35s  
~~~~~ Fountain off

15:47:48 Jet (25s) > 2m38s
XXXX LEFT AREA XXXX

AUGUST 11, 2000

10:20 ENTER AREA Twig on, Bear Claw on, Clepsydra on, Spasm empty, Fountain pool way down at 18"+, Sizzler off, Jelly way down, Jet off
10:26:46 Jet (65s)
10:29 Twig off
10:48:30 Jet (71s)
10:51:50 Sizzler on (did not record finish time) (Sizzler west sput going up to 12")
11:15 Spasm begins to fill
11:19 Spasm on
11:21 Fountain pool at 16"
11:22 Kaleidoscope
11:26 Kaleidoscope
11:31:03 Jet (one splash)
11:33:27 Jet (72s)
11:43:21 Jet (small splashes)
11:44 Twig on
11:44:29 Jet (64s)
11:48 Spasm not yet overflowing, but both pools are full
11:50 Fountain pool holding at 16"
11:52:15 Jet (56s)
12:00:55 Jet (58s)
12:03 Spasm overflow began
12:04 Fountain pool holding at 16"
12:10:35 Jet (55s)
12:14 Fountain pool up ½" to 15 ½"
12:18 Kaleidoscope
12:20 Kaleidoscope
12:21:55 Jet (one splash)
12:23:00 Jet (73s slow start)
12:26 Twig still on, Spasm on, bear Claw on, Clepsydra on
12:33:50 Jet (63s)
12:43:09 Jet (57s)
12:46 Kaleidoscope (in front of tallest live tree while standing at Fountain sign)
12:48 Kaleidoscope
12:50 Kaleidoscope
12:56:32 Jet (58s)
12:57 Fountain pool up 1" to 14 ½"
13:02 Fountain pool down 1" to 15 ½"
13:06 Twig off (d = 1h 22m)
13:07:50 Jet (59s)
13:09 Fountain pool up ½" to 15"
13:16:10 Jet (52s)
13:22 Deep Blue
13:22 Frolic
13:26:59 Jet (57s)

13:37:50 Jet (62s)
 13:40 Spasm gently bubbling
 13:51:36 Jet (62s)
 14:06:27 Jet (62s)
 14:16 Fountain pool up to 13" Fred Kallien
 14:19:07 Jet (54s)
 14:31:59 Jet (60s)
 14:42:44 Jet (58s)
 14:55:04 Jet (62s)
 15:06:54 Jet (56s)
 15:10 Fountain pool dropped 2" down to 15"
 15:11 Sizzler on
 15:15 Fountain surge
 15:15:55 Fountain on ***** (pool at 15" from top) *****
 15:22:53 Jet (18s)
 15:25:18 Jet (22s)
 15:30:08 Jet (11s) information on Fountain Hotel burning
 15:31:37 Jet (31s) to Leslie
 15:33:35 Jet (9s)
 15:34:45 Jet (31s)
 15:37:30 Jet (26s)
 15:40:05 Jet (???)
 15:42 Spasm draining
 15:42:35 Jet (???)
 15:45:10 Jet (33s)
 15:46:50 Fountain off -----(d = 31m)-----
 15:47:48 Jet (25s)
 15:50 LEFT AREA

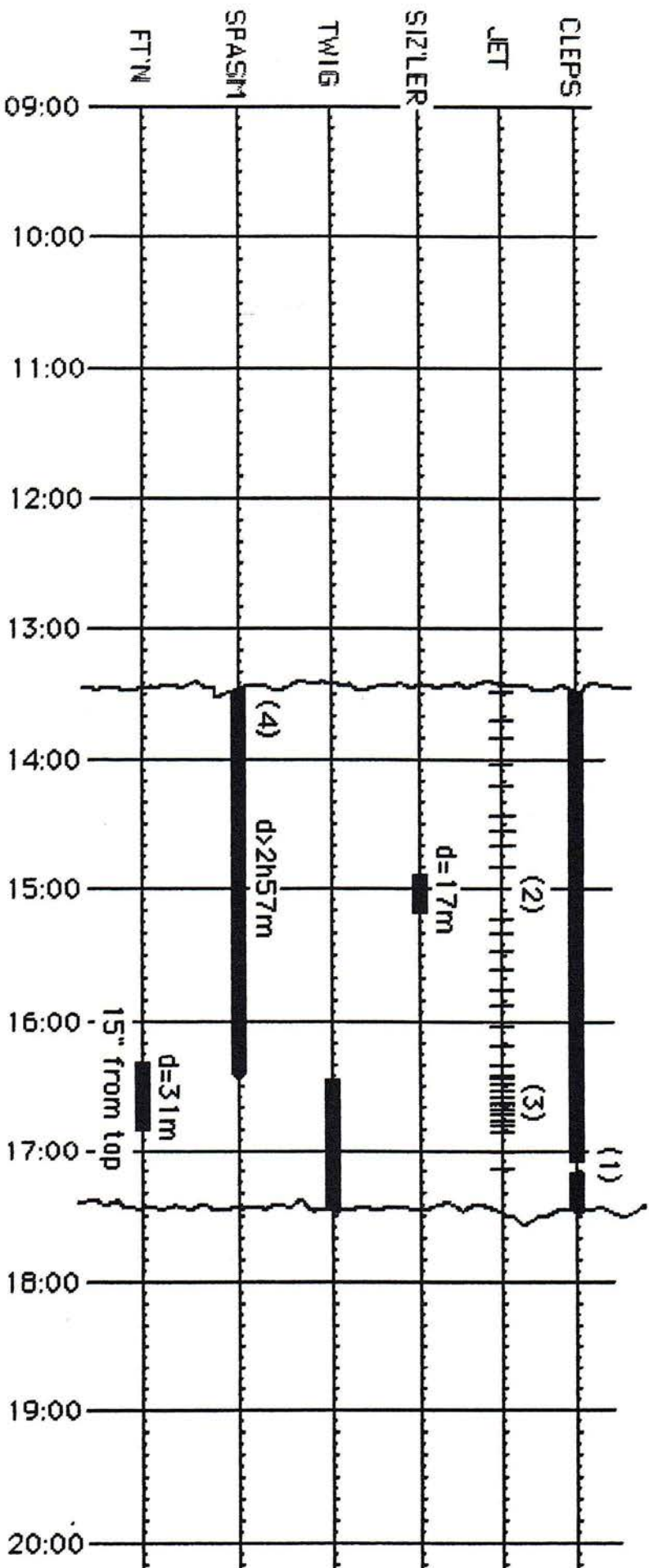
 16:23 Flood (ie) K C Thompson from Wyoming
 17:55 Atomizer Mark (Brighton, NY) and Westerly (MT)
 18:07 Atomizer (d = 17m) Fred and Melody Kallien (Eugene, OR)
 19:58 Artemesia (d = 17m) (on video) all at Artemesia that night

Fountain times from other gazers for this day 06:40 (ie) 15:15 23:00

AUGUST 12, 2000

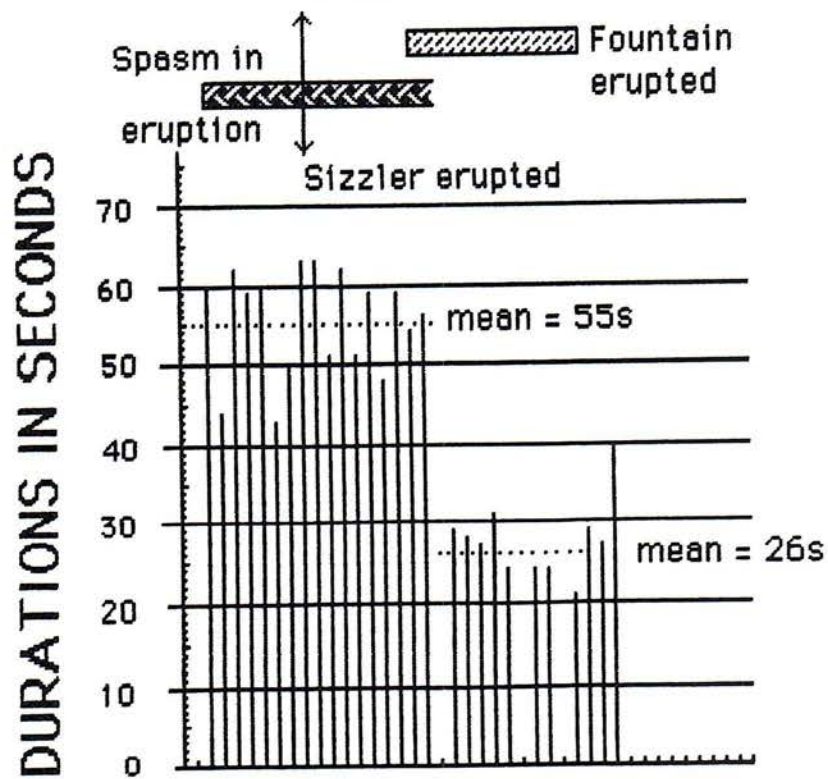
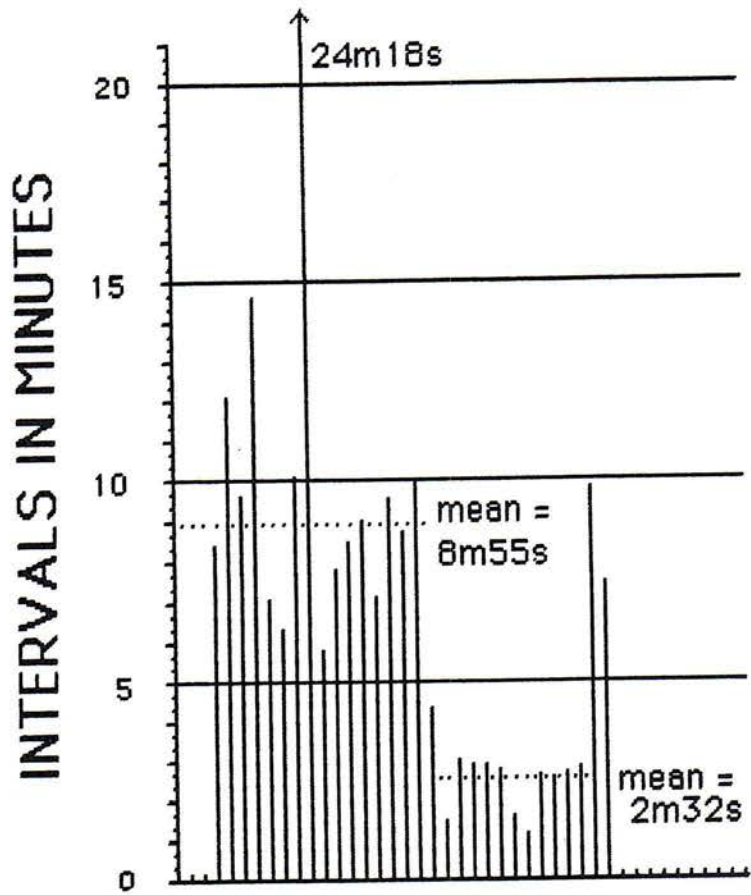
| | |
|-------|--|
| 09:50 | Lion |
| 09:59 | Plume |
| 10:24 | Grotto (ie) arrived (on video) |
| 11:32 | Daisy (on video) |
| 15:12 | Grand (ie) (from Castle area) (it went off early!) |
| 15:28 | Penta (ie) |
| 15:28 | Uncertain (I think) |

AUGUST 15, 2000



- (1) Clepsydra paused for 4m 16m after Fountain stopped.
- (2) Jet stopped erupting while Sizzler erupted, but resumed only 3m after Sizzler ended its eruption.
- (3) Jet erupted on its short cycle as Fountain erupted.
- (4) Spasm's observed eruptions in 2000 were very weak. The eruption amounting to a slow boiling fill followed by weak bubbling.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 15, 2000



1

**JET GEYSER DATA
LOWER GEYSER BASIN
YELLOWSTONE NATIONAL PARK
AUGUST 15, 2000**

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

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

AUGUST 15, 2000

Time of Jet Geyser eruption (duration of eruption in seconds) > time period
between eruptions in minutes and seconds

13:29:?? Jet (???)
13:42:02 Jet (60s) > ???
13:50:27 Jet (44s) > 8m25s
14:02:33 Jet (62s) > 12m06s
14:12:08 Jet (59s) > 9m35s
14:26:44 Jet (60s) > 14m36s
14:33:47 Jet (43s) > 7m03s
14:40:07 Jet (50s) > 6m20s
14:50:13 Jet (63s) > 10m06s
~~~~~ Sizzler on  
~~~~~ Sizzler off  
15:14:31 Jet (63s) > 24m18s
15:20:20 Jet (51s) > 5m49s
15:28:08 Jet (62s) > 7m48s
15:36:38 Jet (51s) > 8m30s
15:45:37 Jet (59s) > 8m59s
15:52:47 Jet (48s) > 7m10s
16:02:19 Jet (59s) > 9m32s
16:11:04 Jet (54s) > 8m45s
~~~~~ Fountain on  
16:20:59 Jet (56s) > 9m55s  
16:25:21 Jet (???) > 4m22s  
16:26:48 Jet (29s) > 1m27s  
16:29:50 Jet (28s) > 3m02s  
16:32:43 Jet (27s) > 2m53s  
16:35:37 Jet (31s) > 2m54s  
16:38:22 Jet (24s) > 2m45s  
16:39:58 Jet (one) > 1m36s  
16:41:06 Jet (24s) > 1m08s  
16:43:44 Jet (24s) > 2m38s  
16:46:16 Jet (???) > 2m32s  
16:48:55 Jet (21s) > 2m42s  
~~~~~ Fountain off  
16:51:45 Jet (29s) > 2m50s
17:01:39 Jet (27s) > 9m54s
17:09:09 Jet (40s) > 7m30s
XXXX LEFT AREA XXXX

AUGUST 15, 2000

13:27 ENTER AREA Fountain pool at 18", Spasm coming up, Clepsydra on, Twig off, Jet off, Sizzler off, Bear Claw on
13:29 Jet (???)
13:42:02 Jet (60s)
13:49 Spasm's two pools combine as one
13:50:27 Jet (44s)
13:57 Frolic (~60s)
14:02:33 Jet (62s)
14:07 Fountain pool up to 16"
14:12:08 Jet (59s)
14:26:44 Jet (60s)
14:30 Fountain pool at 16"
14:30 Spasm began overflowing toward Jelly Pool
14:33:47 Jet (43s)
14:40:07 Jet (50s)
14:50:13 Jet (63s)
14:54:30 Sizzler on
15:11 Sizzler off (d = 17m)
15:12 Fountain pool holding at 16"
15:14:31 Jet (63s)
15:20 Fountain pool up 1" to 15"
15:20:20 Jet (51s)
15:28:08 Jet (62s)
15:36:38 Jet (51s)
15:40 Fountain pool holding at 15-16"
15:45:37 Jet (59s)
15:52:47 Jet (48s)
16:02:19 Jet (59s)
16:11:04 Jet (54s)
16:15 Small sputterer behind Frolic was spitting
16:19:36 Fountain pool surge
16:19:58 Fountain on ***** (pool at 15" from top)*****
16:20:59 Jet (56s)
16:25:21 Jet (???)
16:26:48 Jet (29s)
16:27 Twig on
16:29:50 Jet (28s)
16:32:43 Jet (27s)
16:35:37 Jet (31s)
16:38:22 Jet (24s)
16:39:58 Jet (short)
16:41:06 Jet (24s)
16:43:44 Jet (24s)
16:46:16 Jet (???)

Windy, pleasant day - sunny
with clouds

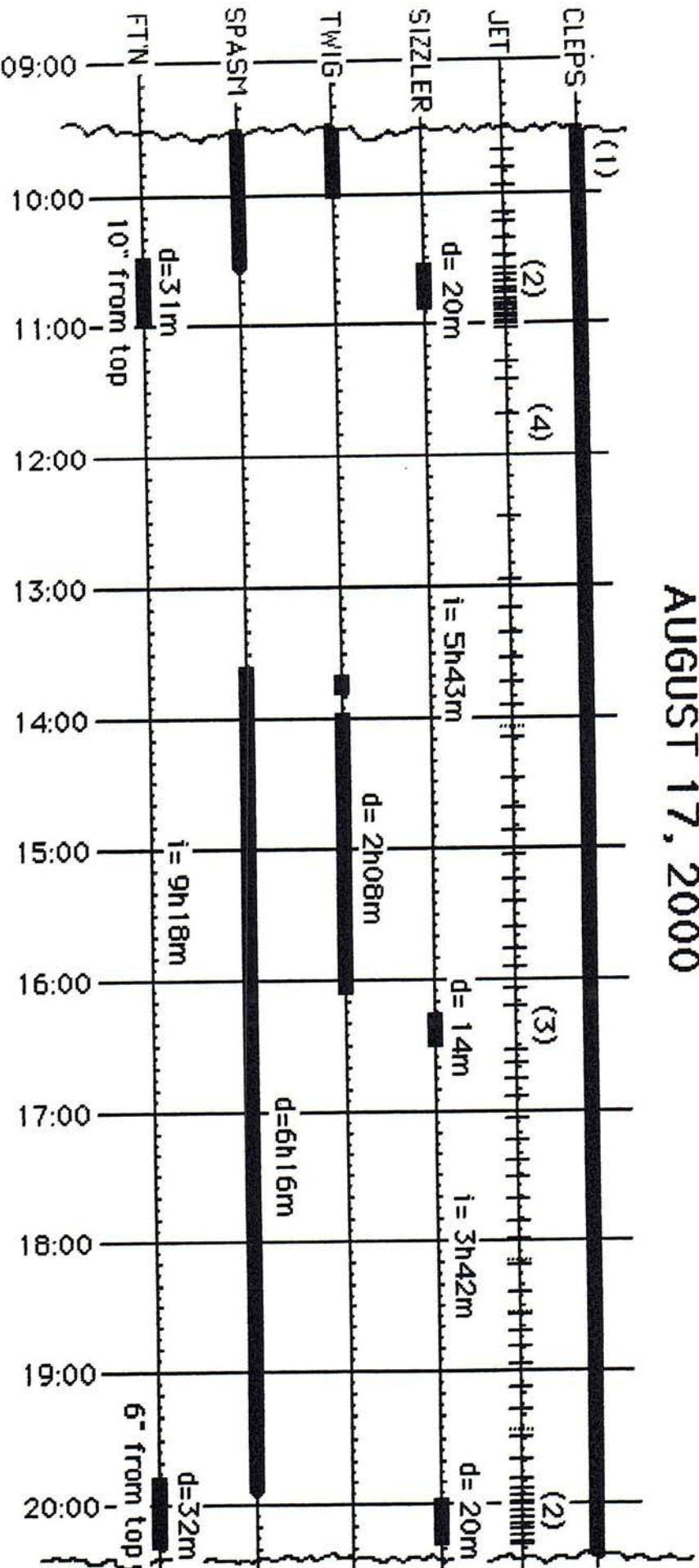
Rick and Joan Payne

16:48:58 Jet (18s)
16:50:42 Fountain off -----(d = 31m)-----
16:51:45 Jet (29s)
17:01:39 Jet (27s)
17:06:55 Clepsydra pause
17:09:09 Jet (40s)
17:11:11 Clepsydra resumed (pause of 4m 16s)
17:12 Twig still on
17:27 LEFT AREA

AUGUST 16, 2000

09:40 Beehive
09:40 Grand
11:16 Lion (d = 7m) (while sitting at Giantess)
11:38 Pump Spring
11:55 Pump Spring
12:07 Aurem (d = 1m) just as I walked up to it
12:09 Little Cub
12:24 Plate (ie)
12:25 Old Faithful 13:51 Fountain (d = 31m) from Andrew
12:37 Lion (d = 4m)
13:00 Daisy (ie) (from Spasmodic) "Motorola Talkabout 250" good radios
17:50 Aurem
18:00 Grand (ie) (one burst)
18:30 Old Faithful (ie)
19:55 Old Faithful (on video)
20:06 Beehive (d = 5m) (on video)
20:20 Lion (d = 6m) (on video from benches across river from Beehive)

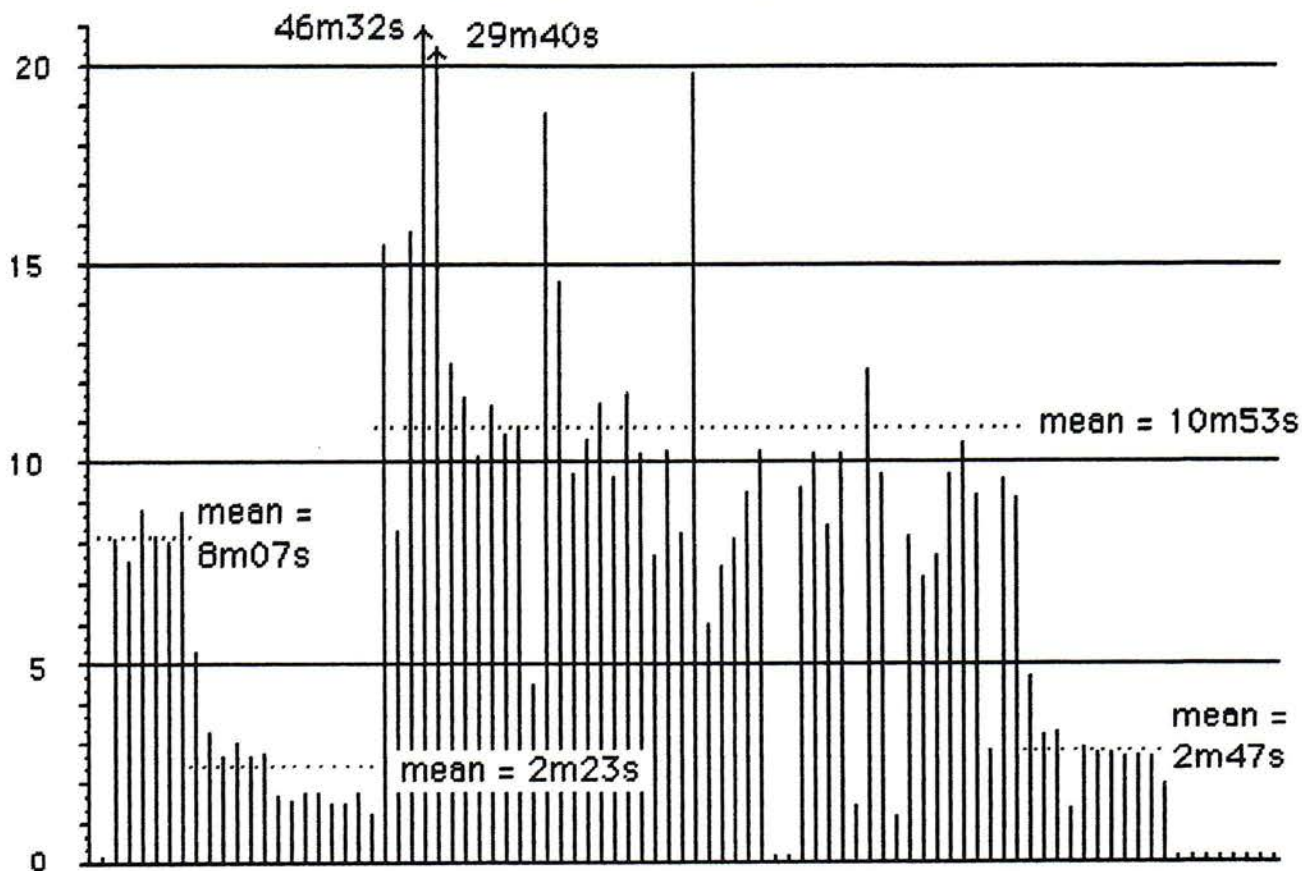
AUGUST 17, 2000



- (1) No observed Clepsidra pauses all day.
- (2) Jet erupted in its short mode as Fountain erupted even though Sizzler was erupting.
- (3) Jet stopped erupting here as Sizzler erupted without Fountain erupting.
- (4) Jet's eruptions were irregular for the first two hours after Fountain's eruption, but became fairly regular thereafter.

CONSECUTIVE JET GEYSER INTERVALS AND DURATIONS AUGUST 17, 2000

INTERVALS IN MINUTES

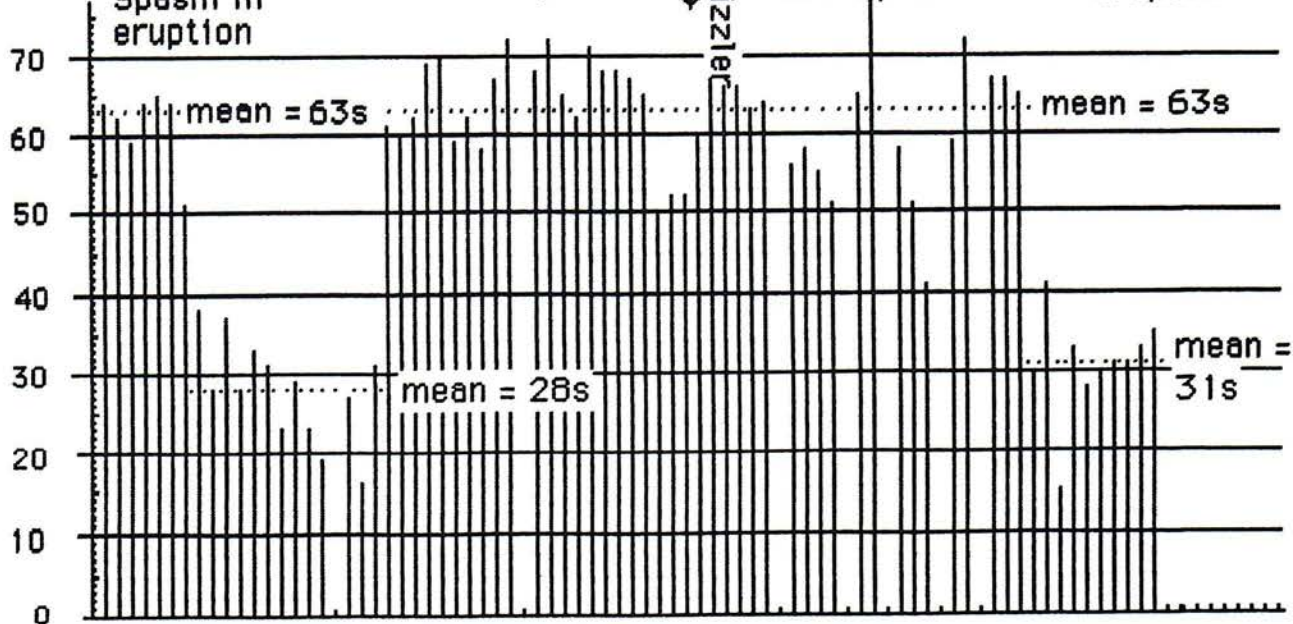


Fountain erupted
Fountain erupted

Sizzler erupted
 Sizzler erupted

Spasm in eruption
 Spasm
 in eruption
 Sizzler erupted

DURATIONS IN SECONDS



1

JET GEYSER DATA LOWER GEYSER BASIN YELLOWSTONE NATIONAL PARK AUGUST 17, 2000

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

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

2

**JET GEYSER DATA
LOWER GEYSER BASIN
YELLOWSTONE NATIONAL PARK
AUGUST 17, 2000**

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

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

AUGUST 17, 2000

Time of Jet Geyser eruption (duration of eruption in seconds) > time period
between eruptions in minutes and seconds

| | |
|-----------------------------|-----------------------------|
| 09:40:37 Jet (64s) | 15:24:22 Jet (68s) > 9m38s |
| 09:48:45 Jet (62s) > 8m08s | 15:36:06 Jet (67s) > 11m44s |
| 09:56:16 Jet (59s) > 7m31s | 15:46:18 Jet (65s) > 10m12s |
| 10:05:04 Jet (64s) > 8m48s | 15:54:00 Jet (50s) > 7m42s |
| 10:13:12 Jet (65s) > 8m08s | 16:04:21 Jet (52s) > 10m21s |
| 10:21:12 Jet (64s) > 8m00s | 16:12:35 Jet (52s) > 8m14s |
| ~~~~~ Fountain on | ~~~~~ Sizzler on |
| 10:29:55 Jet (51s) > 8m43s | ~~~~~ Sizzler off |
| ~~~~~ Sizzler on | 16:32:28 Jet (60s) > 19m53s |
| 10:35:10 Jet (38s) > 5m15s | 16:38:29 Jet (67s) > 6m01s |
| 10:38:25 Jet (28s) > 3m15s | 16:45:54 Jet (66s) > 7m25s |
| 10:41:04 Jet (37s) > 2m39s | 16:53:59 Jet (66s) > 8m05s |
| 10:44:04 Jet (28s) > 3m00s | 17:03:13 Jet (63s) > 9m14s |
| 10:46:44 Jet (33s) > 2m40s | 17:13:29 Jet (64s) > 10m16s |
| 10:49:28 Jet (31s) > 2m44s | ~~~~~ Morning's Thief on |
| 10:51:10 Jet (23s) > 1m42s | 17:23:?? Jet (???) > ~10m |
| 10:52:42 Jet (29s) > 1m32s | 17:31:50 Jet (56s) > ~9m |
| ~~~~~ Sizzler off | 17:41:09 Jet (58s) > 9m19s |
| 10:54:27 Jet (23s) > 1m45s | 17:51:20 Jet (55s) > 10m11s |
| 10:56:10 Jet (19s) > 1m43s | 17:59:43 Jet (51s) > 8m23s |
| 10:57:38 Jet (???) > 1m28s | 18:09:54 Jet (one) > 10m11s |
| 10:59:05 Jet (27s) > 1m27s | 18:11:24 Jet (65s) > 1m30s |
| 11:00:49 Jet (16s) > 1m44s | 18:23:46 Jet (78s) > 12m22s |
| ~~~~~ Fountain off | 18:33:28 Jet (one) > 9m42s |
| 11:02:02 Jet (31s) > 1m13s | 18:34:35 Jet (58s) > 1m07s |
| 11:17:30 Jet (61s) > 15m28s | 18:42:45 Jet (51s) > 8m10s |
| 11:25:45 Jet (60s) > 8m15s | 18:49:55 Jet (41s) > 7m10s |
| 11:41:32 Jet (62s) > 15m47s | 18:57:36 Jet (???) > 7m41s |
| 12:28:04 Jet (69s) > 46m32s | 19:07:18 Jet (59s) > 9m42s |
| 12:57:44 Jet (70s) > 29m40s | 19:17:47 Jet (72s) > 10m29s |
| 13:10:12 Jet (59s) > 12m28s | 19:26:55 Jet (one) > 9m08s |
| 13:21:50 Jet (62s) > 11m38s | 19:29:44 Jet (67s) > 2m49s |
| 13:32:00 Jet (58s) > 10m10s | 19:39:15 Jet (67s) > 9m31s |
| 13:43:26 Jet (67s) > 11m26s | ~~~~~ Fountain on |
| 13:54:05 Jet (72s) > 10m39s | 19:48:20 Jet (65s) > 9m05s |
| 14:04:59 Jet (one) > 10m54s | 19:53:01 Jet (30s) > 4m41s |
| 14:09:33 Jet (68s) > 4m34s | 19:56:13 Jet (41s) > 3m12s |
| 14:28:21 Jet (72s) > 18m48s | ~~~~~ Sizzler on |
| 14:42:57 Jet (65s) > 14m36s | 19:59:29 Jet (15s) > 3m16s |
| 14:52:42 Jet (62s) > 9m45s | 20:00:50 Jet (33s) > 1m21s |
| 15:03:16 Jet (71s) > 10m34s | 20:03:43 Jet (28s) > 2m53s |
| 15:14:44 Jet (68s) > 11m28s | 20:06:26 Jet (30s) > 2m43s |

20:09:09 Jet (31s) > 2m43s

20:11:45 Jet (31s) > 2m36s

20:14:24 Jet (33s) > 2m39s

20:17:02 Jet (35s) > 2m38s

~~~~~ Sizzler off

20:18:58 Jet (???) > 1m56s

~~~~~ Fountain off

XXXX LEFT AREA XXXX

AUGUST 17, 2000

09:05 Old Faithful
09:05 Depression
09:32 ENTER AREA - Jelly pool full, Spasm on, Twig on, Clepsydra on, Fountain pool at 10", Jet steaming, Sizzler off (possibly recently), Spasm boiling vigorously, Bear Claw on
09:40:37 Jet (64s)
09:48:45 Jet (62s)
09:53 Fountain pool holding at 10"
09:56:16 Jet (59s)
09:58 Kaleidoscope
10:00 Kaleidoscope
10:01 Twig off
10:01 Kaleidoscope
10:05:04 Jet (62s)
10:13:12 Jet (65s)
10:13 Frolic
10:17 Frolic
10:21:12 Jet (64s)
10:21 Frolic
10:27 Deep Blue
10:28 Fountain pool surging
10:29:34 Fountain on ***** (pool at 10" from top)*****
10:29:55 Jet (51s)
10:33:48 Sizzler on (active!)
10:35:10 Jet (38s)
10:38:25 Jet (28s)
10:41:04 Jet (37s)
10:44:04 Jet (28s)
10:46:44 Jet (33s)
10:49:28 Jet (31s)
10:51:10 Jet (23s)
10:52:42 Jet (29s)
10:53 Sizzler off (d = 20m)
10:54:27 Jet (23s)
10:56:10 Jet (19s)
10:57:38 Jet (???)
10:59:05 Jet (27s)
11:00:49 Jet (16s)
11:00:56 Fountain off -----(d = 31m)-----
11:02:02 Jet (31s)
11:10 Fountain pool looked empty from boardwalk
11:17:30 Jet (61s)
11:24 Deep Blue

11:25:45 Jet (60s)
 11:37 Kaleidoscope (minor? Looked like the end of a regular eruption)
 11:41:32 Jet (62s)
 12:20 Bear Claw still on, Clepsydra ~~on~~, everything else is off
 12:28:04 Jet (69s)
 12:29 Deep Blue
 12:38 Kaleidoscope
 12:55 Fountain pool water visible ~~from~~ overlook
 12:57:44 Jet (70s)
 12:59 Deep Blue
 13:04 Kaleidoscope
 13:06 Kaleidoscope
 13:10:12 Jet (59s)
 13:14 Small something to left of Kaleidoscope
 13:21:50 Jet (62s)
 13:30 Deep Blue
 13:32:00 Jet (58s)
 13:36 Spasm on
 13:36 Fountain pool at 12"
 13:40 Twig on
 13:43:26 Jet (67s)
 13:47 Twig off
 13:50 Kaleidoscope (minor?)
 13:54:05 Jet (72s)
 13:58 Twig on
 14:04:59 Jet (two splashes)
 14:07 Fountain pool at 10"
 14:08 Deep Blue
 14:09:33 Jet (68s)
 14:20 Kaleidoscope
 14:22 Kaleidoscope
 14:28:21 Jet (62s)
 14:35 Kaleidoscope Took in two lawn chairs and sat on
 14:37 Kaleidoscope overlook most of the day – worked great!
 14:42:57 Jet (65s)
 14:52:42 Jet (62s)
 15:03:16 Jet (71s)
 15:05 Deep Blue Nice day, sunny with clouds, some wind,
 15:14:44 Jet (78s) not too hot
 15:18 Fountain pool still holding at 10"
 15:24:22 Jet (68s)
 15:34 Deep Blue
 15:36:06 Jet (67s) Talked with Sam, the Ranger
 15:46:18 Jet (65s)
 15:54:00 Jet (50s)
 16:04:21 Jet (52s)

16:06:06 Twig off (d = 2h 08m)
 16:09:10 Deep Blue
 16:12:35 Jet (52s)
 16:16:37 Sizzler on
 16:30 Sizzler off (d = 14m)
 16:32:28 Jet (60s)
 16:36 Morning pool full, Fountain pool up to 8" from top
 16:38:29 Jet (67s)
 16:45:54 Jet (66s)
 16:53:59 Jet (66s)
 17:03:13 Jet (63s)
 17:13 Kaleidoscope (minor)
 17:13:29 Jet (64s)
 17:14 Deep Blue
 17:23 Morning's Thief (2' boils +)
 17:23 Jet (???)
 17:31:50 Jet (56s)
 17:32 Twig on , then off
 17:38 Twig on (I = 3h 40m) Smoke filling area from fire near
 17:40 Good boil from Morning's Thief South entrance.
 17:41:09 Jet (58s)
 17:43 Kaleidoscope
 17:44 Morning's Thief boiled to 4'
 17:45 Kaleidoscope
 17:51:20 Jet (55s)
 17:59:43 Jet (51s)
 18:09:54 Jet (one splash)
 18:11:24 Jet (65s)
 18:11 Kaleidoscope
 18:14 Kaleidoscope
 18:19 Kaleidoscope
 18:22 Morning's Thief still on, Twig on, Fountain pool at 6", Clepsydra on, Spasm
 full and boiling, thick smoke in area
 18:23:46 Jet (78s slow start)
 18:26 Kaleidoscope
 18:27 Frolic
 18:29 Kaleidoscope
 18:32 Kaleidoscope
 18:33:28 Jet (splashes)
 18:34:35 Jet (58s)
 18:40 Kaleidoscope
 18:42 Kaleidoscope
 18:42:45 Jet (51s)
 18:49:55 Jet (41s)
 18:56 Kaleidoscope
 18:57:36 Jet (???)

18:58 Kaleidoscope
18:59 Kaleidoscope
19:01 Kaleidoscope
19:03 Kaleidoscope
19:07:18 Jet (59s)
19:17:47 Jet (67s)
19:18 Frolic
19:25 Twig off (d = 1h 47m)
19:26:55 Jet (splashes)
19:29:44 Jet (67s)
19:39:15 Jet (67s)
19:47 Fountain on *****~~(pool at 6"~~ from top) *****
19:48:20 Jet (65s)
19:53:01 Jet (30s)
19:58 Sizzler on (I = 3h 42m)
19:59:29 Jet (23s)
20:00:50 Jet (33s)
20:02 Morning's Thief died down to almost off
20:03:43 Jet (28s)
20:06:26 Jet (30s)
20:09:09 Jet (31s)
20:11:45 Jet (31s)
20:14:24 Jet (33s)
20:17:02 Jet (35s)
20:18:00 Sizzler off (d = 20m)
20:18:58 Jet (???)
20:19:11 Fountain off -----(~~d = 32m~~)-----

AUGUST 18, 2000 (note: South Purple Pool last erupted in 1987 and again in 1998)

- | | | | |
|-------|--|---|---|
| 16:18 | Lion (ie) (from Lower Ham's) | | |
| 17:27 | South Purple Pool (from Grand) | | Started with muddy water: some debris thrown up during eruptions: |
| 17:39 | South Purple Pool (on video from Giant area) | | |
| 17:49 | South Purple Pool (on video from Giant area) | | |
| 17:57 | South Purple Pool (on video from bridge at Oblong) | | |
| 18:04 | South Purple Pool (| " |) |
| 18:14 | South Purple Pool (| " |) |
| 18:29 | South Purple Pool (| " |) |
| 18:42 | South Purple Pool (| " |) (d = 3m) |
| 18:59 | South Purple Pool (| " |) (d = 6m) |
| 19:35 | South Purple Pool (| " |) (d = 2m) |
| 19:55 | South Purple Pool (| " |) (d = 45s) |
| 20:14 | South Purple Pool (| " |) (d = 2m) |
| 20:33 | South Purple Pool (| " |) |

MA Bellingham

Tara Cross

Mike Frazier