02338523 HILLABAHATCHEE CREEK AT THAXTON ROAD, NEAR FRANKLIN, GA

Apalachicola Basin
Middle Chattahoochee-Lake Harding Subbasin

LOCATION.--Lat 33°20′26″, long 85°13′37″ referenced to North American Datum of 1927, Heard County, GA, Hydrologic Unit 03130002, on left bank, upstream side of bridge, 0.4 miles downstream of confluence of Red Oak Creek, 9.0 miles northwest of Franklin, 1.4 miles southwest of GA 100 on Thaxton Road.

DRAINAGE AREA.--16.8 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--
DISCHARGE: December 2001 to current year.
GAGE-HEIGHT: December 2001 to current year.

GAGE.--Satellite telemetry with a water-stage recorder. Datum of gage is 910 feet above National Geodetic Vertical Datum (NGVD) of 1929 (from topographic map).

COOPERATION.--USGS National Water-Quality Assessment Program.

REMARKS.--Discharge records are fair. Gage-height records are poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage-height recorded, 14.44 feet, May 7, 2003; minimum daily discharge, 0.49 cfs, August 17, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum discharge recorded, 599 cfs, February 26; maximum gage-height recorded, 5.02 feet, June 17; minimum gage-height recorded, 1.72 feet, October 13-15,18; minimum daily discharge, 2.8 cfs, October 13.

Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 02338523, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/02338523.2013.pdf

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	e10	4.1	5.5	18	17	38	34	32	23	18	26	15
2	e7.8	4.2	5.4	26	14	34	27	30	27	17	21	15
3	e4.5	4.2	5.4	16	12	31	26	28	25	45	19	15
4	e3.6	4.2	5.4	13	11	28	46	88	22	e636	19	13
5	e3.5	4.3	5.3	11	10	28	47	71	23	e394	17	13
6	e3.3	6.5	5.3	9.9	9.5	27	39	50	28	e198	17	12
7	e3.2	5.9	5.4	9.1	11	25	33	49	24	e225	24	12
8	e3.2	5.4	5.3	8.4	10	23	30	39	23	e111	36	12
9	e3.1	5.2	5.4	7.7	9.1	23	28	35	24	e67	24	12
10	3.2	5.1	8.8	7.4	15	22	26	32	28	e40	20	12
11	3.1	5.1	7.8	7.6	e120	34	46	32	23	e33	18	11
12	3.1	5.3	5.3	7.0	e80	40	111	34	20	30	19	11
13	2.8	6.9	4.7	6.8	69	29	45	29	19	32	20	11
14	2.9	5.9	4.5	37	50	26	45	27	20	31	20	11
15	5.3	5.6	4.1	27	41	24	41	25	18	27	19	11
16	4.0	5.6	11	51	36	23	36	24	17	26	20	11
17	3.4	5.5	18	e35	33	22	32	24	152	24	26	10
18	4.0	5.5	8.0	24	31	24	30	118	67	23	24	10
19	4.0	5.4	6.3	18	32	25	36	94	39	22	23	10
20	3.6	5.4	11	15	29	23	31	85	29	42	21	9.9
21	3.6	5.3	9.8	13	28	24	28	47	25	31	19	30
22	3.5	5.4	6.9	11	62	24	26	38	23	28	18	18
23	3.4	5.3	5.6	10	144	33	25	33	22	27	17	13
24	3.3	5.5	e14	9.3	65	101	25	30	21	e24	17	13
25	3.3	5.4	e36	8.9	53	48	24	28	21	e24	16	16
26	3.5	5.4	e120	8.8	222	36	23	27	20	21	16	14
27	3.7	5.5	25	8.3	64	30	22	25	19	21	16	13
28	4.0	5.5	16	7.7	46	28	78	25	19	21	15	12
29	4.1	5.4	23	7.7	---	26	64	24	23	20	15	11
30	4.0	5.5	15	32	---	26	38	24	18	18	14	12
31	4.0	---	12	30	---	27	---	23	---	33	14	---
Total	122.0	159.5	421.2	501.6	1,323.6	952	1,142	1,270	862	2,309	610	388.9
Mean	3.94	5.32	13.6	16.2	47.3	30.7	38.1	41.0	28.7	74.5	19.7	13.0
Max	10	6.9	120	51	222	101	111	118	152	636	36	30
Min	2.8	4.1	4.1	6.8	9.1	22	22	23	17	17	14	9.9
Med	3.5	5.4	6.9	11	32	27	33	32	23	28	19	12

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 2002 - 2013, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	9.94	17.0	22.4	19.6	28.2	33.9	29.7	26.5	17.7	20.2	10.8	10.6
Max	33.8	52.7	79.4	51.8	59.7	73.3	57.5	76.9	54.0	74.5	29.9	27.9
(WY)	(2010)	(2010)	(2010)	(2010)	(2010)	(2010)	(2005)	(2003)	(2003)	(2013)	(2003)	(2004)
Min	2.26	4.03	6.84	6.71	13.8	16.0	11.6	9.35	4.67	4.56	1.74	2.36
(WY)	(2008)	(2008)	(2008)	(2008)	(2007)	(2007)	(2012)	(2012)	(2007)	(2011)	(2007)	(2007)

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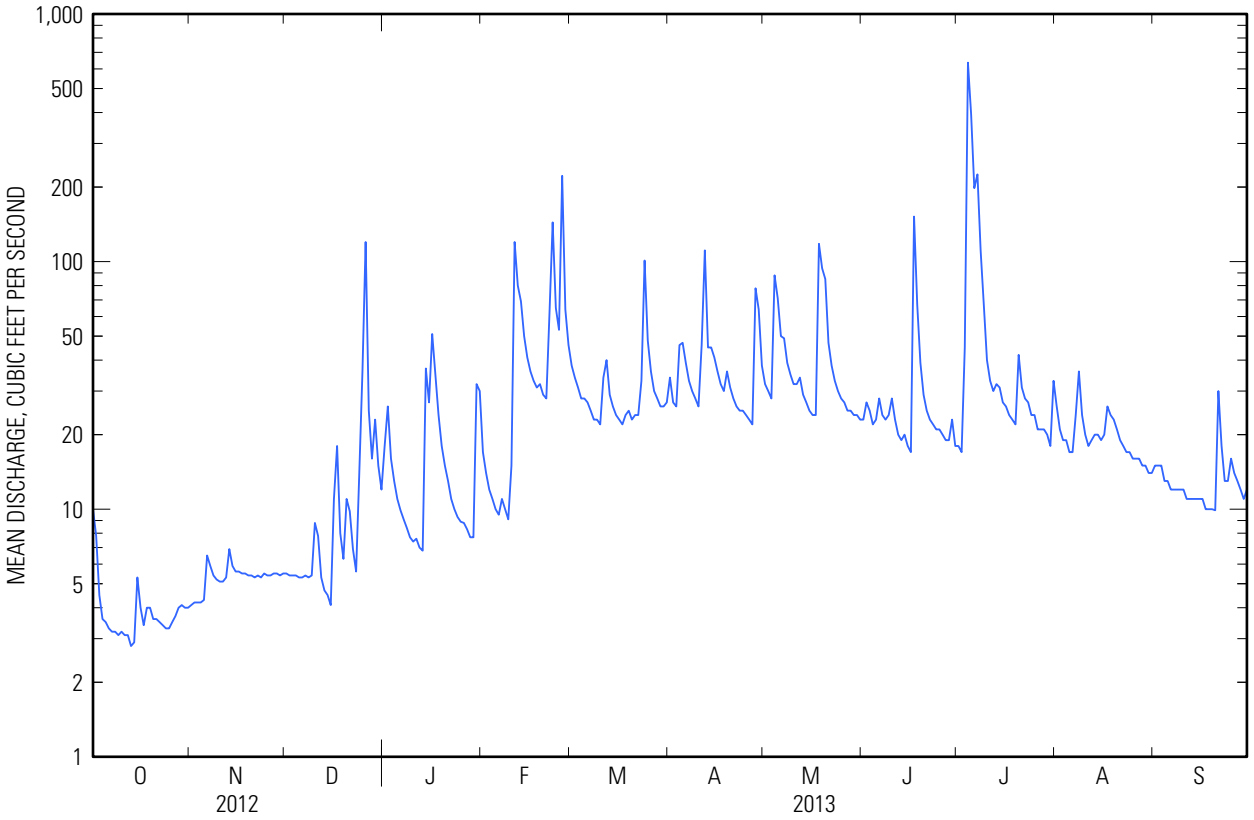
SUMMARY STATISTICS

	Calendar Year 2012		Water Year 2013		Water Years 2002 - 2013	
Annual total	3,960.5		10,061.8			
Annual mean	10.8		27.6		21.1	
Highest annual mean					39.7	2010
Lowest annual mean					9.80	2008
Highest daily mean	240	Jan 23	636	Jul 4	636	Jul 4, 2013
Lowest daily mean	1.7	Jul 9	2.8	Oct 13	0.49	Aug 17, 2007
Annual seven-day minimum	2.1	Jul 5	3.1	Oct 8	0.71	Aug 12, 2007
Maximum peak stage			5.02	Jun 17	14.44	May 7, 2003
10 percent exceeds	18		46		42	
50 percent exceeds	6.6		20		14	
90 percent exceeds	2.8		4.9		4.0	



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GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	1.78	1.84	2.10	2.11	2.36	2.30	2.29	2.14	2.05	2.19	1.99
2	---	1.79	1.83	2.27	2.05	2.31	2.21	2.26	2.21	2.04	2.11	2.00
3	---	1.79	1.83	2.11	2.03	2.26	2.19	2.23	2.18	2.40	2.08	1.99
4	---	1.79	1.83	2.04	2.00	2.23	2.45	2.78	2.14	---	2.07	1.96
5	---	1.79	1.83	2.00	1.98	2.23	2.46	2.69	2.15	---	2.05	1.95
6	---	1.87	1.83	1.97	1.96	2.20	2.37	2.49	2.23	---	2.05	1.95
7	---	1.85	1.83	1.95	1.99	2.17	2.30	2.49	2.16	---	2.13	1.94
8	---	1.83	1.83	1.93	1.97	2.16	2.25	2.37	2.14	---	2.32	1.94
9	---	1.83	1.83	1.91	1.95	2.14	2.22	2.32	2.16	---	2.17	1.93
10	1.75	1.82	1.93	1.90	2.03	2.13	2.20	2.28	2.22	---	2.09	1.93
11	1.74	1.82	1.91	1.90	---	2.28	2.33	2.29	2.14	---	2.06	1.92
12	1.74	1.83	1.83	1.89	---	2.38	2.94	2.30	2.09	2.25	2.08	1.92
13	1.73	1.88	1.81	1.88	2.54	2.23	2.45	2.23	2.08	2.27	2.10	1.91
14	1.73	1.85	1.80	2.36	2.35	2.19	2.44	2.21	2.09	2.27	2.09	1.90
15	1.83	1.84	1.78	2.29	2.25	2.17	2.40	2.19	2.05	2.21	2.08	1.91
16	1.78	1.84	1.92	2.58	2.19	2.15	2.34	2.17	2.05	2.20	2.09	1.91
17	1.75	1.84	2.13	---	2.15	2.14	2.28	2.16	3.15	2.16	2.18	1.90
18	1.78	1.84	1.92	2.24	2.12	2.16	2.25	2.95	2.66	2.15	2.16	1.90
19	1.78	1.83	1.86	2.15	2.14	2.17	2.33	2.77	2.37	2.13	2.14	1.89
20	1.76	1.83	1.98	2.08	2.10	2.15	2.27	2.80	2.24	2.35	2.11	1.89
21	1.76	1.83	1.96	2.03	2.08	2.17	2.22	2.47	2.18	2.26	2.08	2.17
22	1.76	1.83	1.88	2.00	2.46	2.17	2.20	2.35	2.14	2.22	2.06	2.06
23	1.75	1.83	1.84	1.97	3.05	2.29	2.18	2.30	2.13	2.21	2.04	1.96
24	1.75	1.84	---	1.95	2.50	2.90	2.18	2.26	2.12	---	2.04	1.96
25	1.75	1.83	---	1.94	2.39	2.47	2.16	2.23	2.11	---	2.03	2.02
26	1.76	1.83	---	1.94	3.45	2.33	2.14	2.21	2.09	2.11	2.02	1.99
27	1.77	1.84	2.25	1.92	2.64	2.26	2.14	2.19	2.08	2.12	2.02	1.95
28	1.78	1.84	2.10	1.91	2.45	2.22	2.62	2.18	2.09	2.11	2.01	1.93
29	1.78	1.83	2.23	1.91	---	2.20	2.62	2.16	2.15	2.09	2.00	1.92
30	1.78	1.84	2.09	2.24	---	2.19	2.35	2.16	2.07	2.06	1.98	1.93
31	1.78	---	2.01	2.32	---	2.21	---	2.15	---	2.28	1.98	---
Mean	---	1.83	---	---	---	2.25	2.33	2.35	2.19	---	2.08	1.95
Max	---	1.88	---	---	---	2.90	2.94	2.95	3.15	---	2.32	2.17
Min	---	1.78	---	---	---	2.13	2.14	2.15	2.05	---	1.98	1.89

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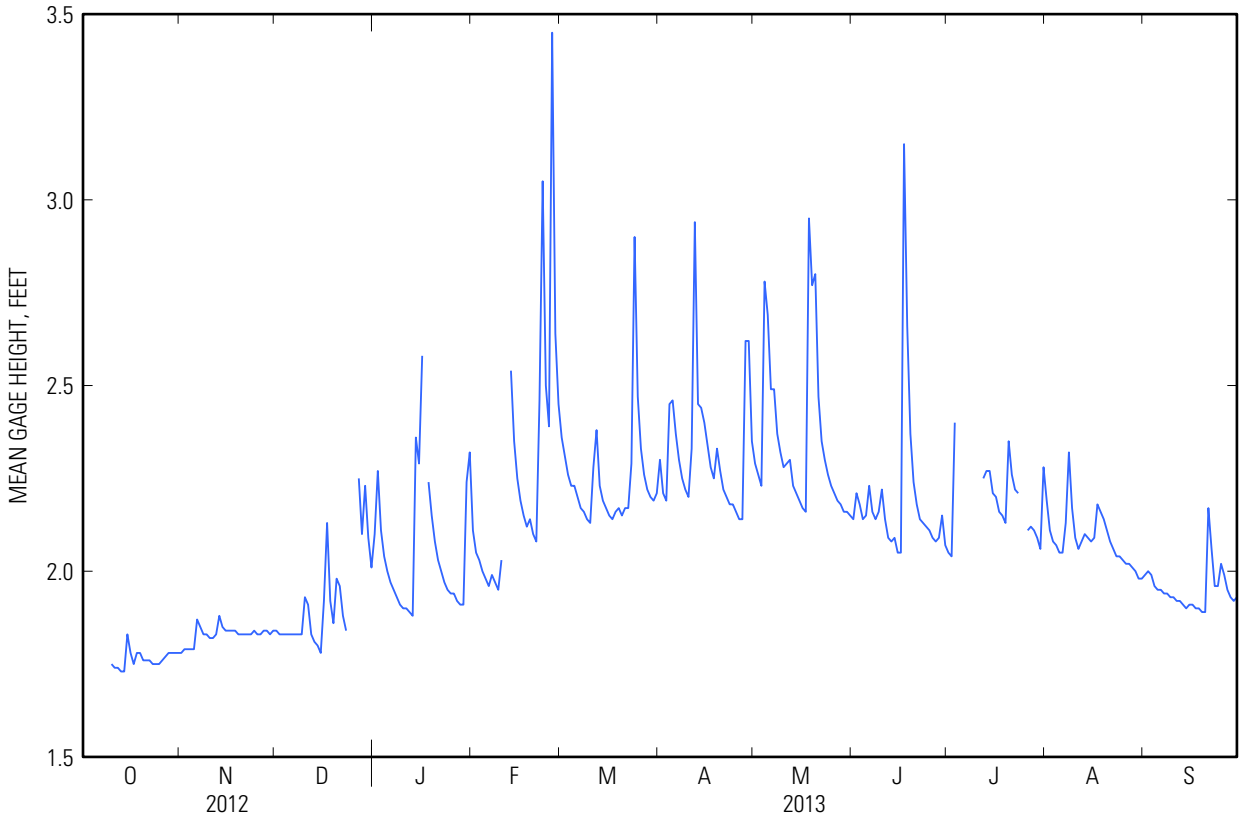

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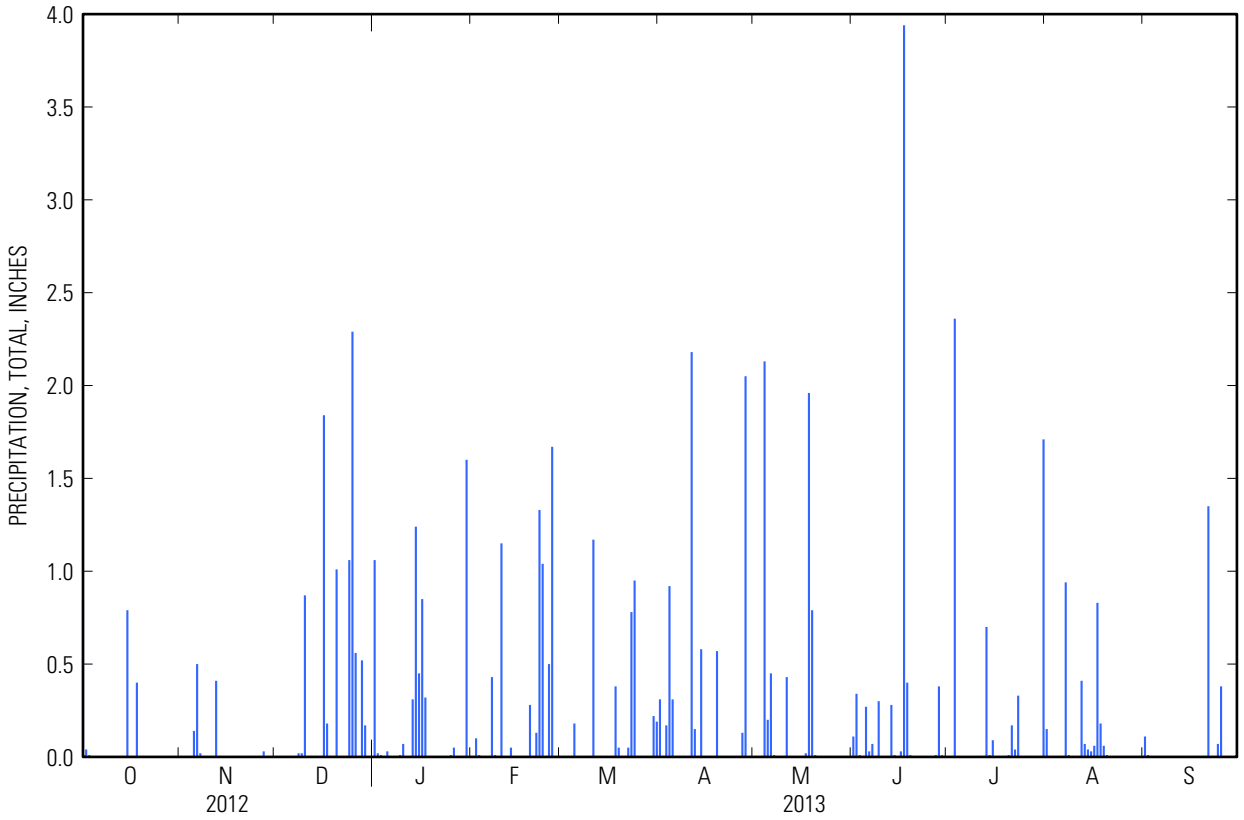
CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--November 2001 to current year.

INSTRUMENTATION.--Tipping-bucket raingage.

PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY SUM VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.84	0.00	0.00	1.06	0.00	0.00	0.31	0.00	0.11	0.00	0.15	0.11
2	0.04	0.00	0.00	0.02	0.10	0.00	0.00	0.00	0.34	0.00	0.00	0.01
3	0.01	0.00	0.00	0.01	0.01	0.00	0.17	0.00	0.01	2.36	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.92	2.13	0.00	---	0.00	0.00
5	0.00	0.14	0.00	0.03	0.00	0.18	0.31	0.20	0.27	---	0.00	0.00
6	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.45	0.03	---	0.00	0.00
7	0.00	0.02	0.00	0.00	0.43	0.00	0.00	0.01	0.07	---	0.94	0.00
8	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	---	0.01	0.00
9	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00	0.30	---	0.00	0.00
10	0.00	0.00	0.87	0.07	1.15	0.00	0.00	0.00	---	---	0.00	0.00
11	0.00	0.00	0.00	0.00	---	1.17	2.18	0.43	0.00	---	0.00	0.00
12	0.00	0.41	0.00	0.00	---	0.00	0.15	0.00	0.00	0.00	0.41	0.00
13	0.00	0.00	0.00	0.31	0.05	0.00	0.00	0.00	0.28	0.70	0.07	0.00
14	0.00	0.00	0.00	1.24	0.00	0.00	0.58	0.00	0.01	0.01	0.04	0.00
15	0.79	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.09	0.03	0.00
16	0.00	0.00	1.84	0.85	0.00	0.00	0.00	0.00	0.03	0.00	0.06	0.00
17	0.00	0.00	0.18	0.32	0.00	0.00	0.00	0.02	3.94	0.00	0.83	0.00
18	0.40	0.00	0.00	0.00	0.00	0.38	0.00	1.96	0.40	0.00	0.18	0.00
19	0.00	0.00	0.00	0.00	0.28	0.05	0.57	0.79	0.01	0.00	0.06	0.00
20	0.00	0.00	1.01	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
21	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.17	0.00	1.35
22	0.00	0.00	0.00	0.00	1.33	0.05	0.00	0.00	0.00	0.04	0.00	0.00
23	0.00	0.00	0.00	0.00	1.04	0.78	0.00	0.00	0.00	0.33	0.00	0.00
24	0.00	0.00	1.06	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.07
25	0.00	0.00	2.29	0.01	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.38
26	0.00	0.00	0.56	0.05	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.03	0.00	0.00	0.00	0.00	0.13	0.00	0.01	0.00	0.00	0.00
28	0.00	0.00	0.52	0.00	0.00	0.00	2.05	0.00	0.38	0.00	0.00	0.00
29	0.00	0.00	0.17	0.00	---	0.00	0.00	0.00	0.01	0.00	0.00	0.00
30	0.00	0.00	0.00	1.60	---	0.22	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	---	0.00	0.00	---	0.19	---	0.00	---	1.71	0.00	---
Total	2.08	1.10	8.54	6.03	---	3.97	7.37	6.00	---	---	2.79	1.92

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