

Table 3a – United States (A – N)  
**Local Circumstances for Transit of Mercury of 2016 May 09**

	External Ingress h m s	Sun Alt °	Internal Ingress h m s	Sun Alt °	Greatest Transit h m s	Sun Alt °	Internal Egress h m s	Sun Alt °	External Egress h m s	Sun Alt °
Akron, OH	07:13:33	10	07:16:46	10	10:58:01	51	14:38:20	61	14:41:31	61
Albany, NY	07:13:31	16	07:16:44	16	10:57:51	55	14:38:10	56	14:41:21	56
Allentown, PA	07:13:34	14	07:16:47	15	10:57:56	55	14:38:14	59	14:41:25	58
Anchorage, AK	--	--	--	--	06:57:31	9	10:38:41	34	10:41:53	35
Atlanta, GA	07:13:43	6	07:16:55	6	10:58:15	52	14:38:31	68	14:41:42	68
Austin, TX	--	--	--	--	09:58:30	41	13:38:51	77	13:42:02	77
Baltimore, MD	07:13:36	13	07:16:49	14	10:57:59	55	14:38:16	60	14:41:27	60
Baton Rouge, LA	06:13:45	-1	06:16:57	-0	09:58:26	47	13:38:43	75	13:41:54	74
Birmingham, AL	06:13:43	4	06:16:55	4	09:58:17	50	13:38:34	70	13:41:45	69
Boise, ID	--	--	--	--	08:58:14	26	12:38:51	61	12:42:03	61
Boston, MA	07:13:31	18	07:16:44	18	10:57:49	57	14:38:07	55	14:41:19	54
Buffalo, NY	07:13:31	12	07:16:43	13	10:57:56	52	14:38:15	59	14:41:26	58
Charleston, WV	07:13:37	9	07:16:50	10	10:58:05	52	14:38:22	64	14:41:34	63
Chicago, IL	06:13:31	6	06:16:44	6	09:58:05	47	13:38:25	63	13:41:37	63
Cincinnati, OH	07:13:36	7	07:16:48	8	10:58:07	50	14:38:25	64	14:41:36	64
Cleveland, OH	07:13:33	10	07:16:45	10	10:58:01	51	14:38:19	61	14:41:31	61
Columbia, SC	07:13:43	8	07:16:56	9	10:58:11	54	14:38:26	66	14:41:37	66
Columbus, OH	07:13:35	8	07:16:47	9	10:58:04	51	14:38:22	63	14:41:34	63
Dallas, TX	--	--	--	--	09:58:26	42	13:38:46	74	13:41:58	74
Dayton, OH	07:13:35	7	07:16:47	8	10:58:06	50	14:38:24	64	14:41:35	63
Denver, CO	--	--	--	--	08:58:18	34	12:38:46	68	12:41:57	68
Des Moines, IA	06:13:30	1	06:16:42	2	09:58:09	43	13:38:32	65	13:41:43	65
Detroit, MI	07:13:31	9	07:16:44	10	10:58:00	50	14:38:20	61	14:41:31	61
El Paso, TX	--	--	--	--	09:58:32	34	13:38:59	75	13:42:10	75
Fairbanks, AK	--	--	--	--	06:57:26	11	10:38:34	33	10:41:46	34
Flint, MI	07:13:30	9	07:16:43	9	10:58:00	49	14:38:20	61	14:41:31	61
Grand Rapids, MI	07:13:30	7	07:16:43	8	10:58:01	48	14:38:22	62	14:41:33	61
Harrisburg, PA	07:13:35	13	07:16:47	14	10:57:58	55	14:38:15	60	14:41:27	59
Hartford, CT	07:13:33	16	07:16:45	17	10:57:52	56	14:38:10	56	14:41:21	56
Honolulu, HI	--	--	--	--	--	--	08:39:58	36	08:43:10	37
Houston, TX	--	--	--	--	09:58:30	43	13:38:49	77	13:42:00	77
Indianapolis, IN	07:13:35	6	07:16:47	7	10:58:07	48	14:38:26	65	14:41:37	64
Jackson, MS	06:13:43	1	06:16:56	1	09:58:22	47	13:38:39	73	13:41:50	72
Jacksonville, FL	07:13:47	7	07:17:00	7	10:58:17	55	14:38:31	69	14:41:42	68
Kansas City, MO	06:13:33	-0	06:16:45	0	09:58:14	42	13:38:36	68	13:41:47	68
Lansing, MI	07:13:31	8	07:16:43	9	10:58:01	48	14:38:21	61	14:41:32	61
Lincoln, NE	06:13:29	-1	06:16:42	-1	09:58:12	40	13:38:36	67	13:41:47	66
Little Rock, AR	06:13:39	-0	06:16:52	0	09:58:20	45	13:38:39	71	13:41:50	71
Los Angeles, CA	--	--	--	--	07:58:31	24	11:39:08	67	11:42:19	68
Louisville, KY	07:13:37	6	07:16:49	6	10:58:09	49	14:38:27	66	14:41:38	65
Madison, WI	06:13:29	5	06:16:42	5	09:58:04	45	13:38:26	63	13:41:37	63
Memphis, TN	07:13:40	2	07:16:52	2	10:58:17	47	14:38:36	70	14:41:47	70
Miami, FL	07:13:53	7	07:17:05	8	10:58:22	57	14:38:35	69	14:41:45	69
Milwaukee, WI	06:13:29	6	06:16:42	6	09:58:03	46	13:38:24	62	13:41:36	62
Minneapolis, MN	07:13:25	3	07:16:37	3	10:58:03	42	14:38:28	62	14:41:39	62
Montgomery, AL	06:13:44	4	06:16:57	4	09:58:19	50	13:38:34	70	13:41:45	70
Nashville, TN	07:13:39	4	07:16:52	5	10:58:13	49	14:38:31	68	14:41:42	67
New Haven, CT	07:13:33	16	07:16:45	17	10:57:52	57	14:38:10	57	14:41:21	56
New Orleans, LA	06:13:46	-0	06:16:58	0	09:58:25	48	13:38:42	74	13:41:53	74
New York, NY	07:13:34	15	07:16:46	16	10:57:54	56	14:38:12	58	14:41:23	57
Norfolk, VA	07:13:40	13	07:16:52	13	10:58:02	57	14:38:18	61	14:41:29	61

**"2016 Transit of Mercury", Fred Espenak, *Observer's Handbook 2016*, Royal Astronomical Society of Canada**