

Table 3b – United States (O – Z)
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 °
Oklahoma City, OK	--	-	--	-	09:58:22	41	13:38:44	72	13:41:55	72
Omaha, NE	06:13:29	-0	06:16:42	0	09:58:11	41	13:38:35	66	13:41:46	66
Orlando, FL	07:13:50	7	07:17:02	7	10:58:20	55	14:38:33	69	14:41:44	69
Philadelphia, PA	07:13:35	14	07:16:48	15	10:57:57	56	14:38:14	59	14:41:25	58
Phoenix, AZ	--	-	--	-	07:58:31	29	11:39:03	71	11:42:14	72
Pittsburgh, PA	07:13:35	11	07:16:47	11	10:58:01	52	14:38:19	61	14:41:30	61
Portland, OR	--	-	--	-	07:58:10	21	11:38:54	57	11:42:05	57
Providence, RI	07:13:32	17	07:16:44	18	10:57:50	57	14:38:08	55	14:41:19	55
Raleigh, NC	07:13:41	11	07:16:53	11	10:58:06	55	14:38:22	63	14:41:33	63
Richmond, VA	07:13:39	12	07:16:51	13	10:58:03	56	14:38:19	62	14:41:30	61
Riverside, CA	--	-	--	-	07:58:31	25	11:39:07	68	11:42:19	68
Rochester, NY	07:13:31	13	07:16:43	14	10:57:54	53	14:38:14	58	14:41:25	58
Sacramento, CA	--	-	--	-	07:58:23	22	11:39:04	62	11:42:15	63
St. Paul, MN	07:13:25	3	07:16:38	3	10:58:03	42	14:38:28	62	14:41:39	62
St. Louis, MO	06:13:35	3	06:16:48	3	09:58:12	46	13:38:32	67	13:41:43	67
St. Petersburg, FL	07:13:50	5	07:17:03	6	10:58:22	54	14:38:35	71	14:41:46	70
Salem, OR	--	-	--	-	07:58:11	21	11:38:55	57	11:42:06	57
Salt Lake C., UT	--	-	--	-	08:58:18	29	12:38:52	65	12:42:03	65
San Antonio, TX	--	-	--	-	09:58:32	40	13:38:53	78	13:42:04	78
San Diego, CA	--	-	--	-	07:58:33	25	11:39:09	69	11:42:20	69
San Francisco, CA	--	-	--	-	07:58:24	21	11:39:06	62	11:42:17	63
San Jose, CA	--	-	--	-	07:58:25	21	11:39:06	63	11:42:18	63
Seattle, WA	--	-	--	-	07:58:06	22	11:38:50	55	11:42:02	55
Springfield, IL	06:13:33	4	06:16:46	4	09:58:10	46	13:38:30	66	13:41:41	66
Syracuse, NY	07:13:31	14	07:16:43	15	10:57:53	54	14:38:12	57	14:41:23	57
Tallahassee, FL	07:13:47	5	07:16:59	5	10:58:20	53	14:38:34	70	14:41:45	70
Tampa, FL	07:13:50	5	07:17:02	6	10:58:21	55	14:38:35	70	14:41:46	70
Toledo, OH	07:13:32	8	07:16:45	9	10:58:02	50	14:38:21	62	14:41:32	62
Topeka, KS	06:13:32	-1	06:16:45	-1	09:58:15	42	13:38:37	68	13:41:48	68
Tulsa, OK	--	-	--	-	09:58:20	42	13:38:41	71	13:41:52	71
Washington, DC	07:13:37	13	07:16:49	13	10:58:00	55	14:38:17	61	14:41:28	60

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