

ARRIVAL TIME OF ASH IN AREA MODELED BY ASH3D
simulation using input file: ash3d_input_1.inp
Model run date: 2021.04.22, time UTC: 0:41

SOURCE PARAMETERS FOR SIMULATION OF: Crater Lake					
Pulse	start time	Duration	Plume height	volume	
	UTC	hrs	km feet	km3	
1	1980-05-18T17:28:00Z	24.00	40.0 131232.	40.00000	

LOCATION			CLOUD			DEPOSIT				
(Airport code &) Place name			Latitude	Longitude	Cloud Arrival Time	Duration	Deposit Arrival Time	Duration	Thickness	
					date/time UTC	hrs after start	date/time UTC	hrs after start	mm	NWS rank
DTA	Delta Municipal Airport,		39.3792	-112.5083	1980-05-19T12:38:00Z	19.16	1980-05-19T18:49:00Z	25.34	>14.61	0.38 trace or less
AMA	Amarillo International Ai		35.2272	-101.7219	1980-05-19T21:32:00Z	28.06	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
FIL	Fillmore Airport, UT		38.9583	-112.3625	1980-05-19T13:43:00Z	20.24	1980-05-19T22:25:00Z	28.94	>11.00	0.21 trace or less
FDR	Frederick Municipal, OK		34.3522	-98.9847	1980-05-20T01:50:00Z	32.35	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
LVM	Livingston, MT		45.6667	-110.5667	1980-05-20T02:49:00Z	33.35	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
OR1	Grants Pass Airport, OR		42.5117	-123.3878	1980-05-19T11:27:00Z	17.98	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
JDA	John Day, OR		44.4053	-118.9617	1980-05-18T19:37:00Z	2.15	1980-05-18T21:44:00Z	4.27	>35.68	7.93 substantial
JZP	Prospect State, OR		42.7431	-122.4881	1980-05-18T17:31:00Z	0.04	1980-05-18T17:31:00Z	0.04	39.10	691.40 severe
PDT	Pendleton Muni, OR		45.6983	-118.8361	1980-05-20T08:30:00Z	39.03	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
ONO	Ontario Muni, OR		44.0228	-117.0139	1980-05-18T20:49:00Z	3.35	1980-05-18T23:44:00Z	6.27	28.92	56.71 heavy
VWB	Myrtle Creek Muni, OR		42.9983	-123.3094	1980-05-19T11:15:00Z	17.78	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
MFR	Medford Jackson Co, OR		42.3736	-122.8722	1980-05-19T10:25:00Z	16.94	1980-05-19T15:24:00Z	21.93	14.65	0.11 trace or less
MDJ	City County, OR		44.6661	-121.1631	1980-05-20T06:44:00Z	37.26	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
LKV	Lake Co, OR		42.1611	-120.3981	1980-05-18T22:39:00Z	5.18	1980-05-19T05:12:00Z	11.72	>28.22	2211.15 severe
LGD	La Grande/Union Co, OR		45.2894	-118.0050	1980-05-19T10:39:00Z	17.17	1980-05-19T14:06:00Z	20.62	0.00	0.04 trace or less
LMT	Kingsley Field, OR		42.1631	-121.7358	1980-05-18T23:07:00Z	5.64	1980-05-19T05:49:00Z	12.34	>27.61	417.55 severe
HES	Hermiston State, OR		45.8258	-119.2583	1980-05-20T08:57:00Z	39.49	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
UXV	Enterprise Muni, OR		45.4247	-117.2650	1980-05-19T10:25:00Z	16.94	1980-05-19T16:14:00Z	22.77	0.00	0.03 trace or less
CHZ	Chiloquin State, OR		42.5764	-121.8769	1980-05-18T17:31:00Z	0.04	1980-05-18T20:02:00Z	2.57	>37.38	421.99 severe
BNO	Burns Muni, OR		43.5906	-118.9542	1980-05-18T18:49:00Z	1.34	1980-05-18T21:33:00Z	4.07	>35.87	505.60 severe
RDM	Roberts Field, OR		44.2544	-121.1514	1980-05-18T18:35:00Z	1.11	1980-05-18T22:03:00Z	4.57	>35.37	0.12 trace or less
BKE	Baker Muni, OR		44.8383	-117.8100	1980-05-18T22:00:00Z	4.53	1980-05-19T05:32:00Z	12.07	11.70	0.20 trace or less
XXU	Ashland Muni-Sumner Parke		42.1911	-122.6589	1980-05-19T09:00:00Z	15.52	1980-05-19T09:00:00Z	15.52	22.89	1.55 minor
XXN	Ellis Field-Willits Munici		39.4511	-123.3689	1980-05-20T08:07:00Z	38.64	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
VWM	Weed, CA		41.4747	-122.4531	1980-05-19T14:31:00Z	21.04	1980-05-19T19:19:00Z	25.84	14.11	0.67 trace or less
WQD	Tulelake Municipal, CA		41.8875	-121.3583	1980-05-19T02:21:00Z	8.87	1980-05-19T09:23:00Z	15.91	>24.04	576.67 severe
QQM	Shingletown, CA		40.5222	-121.8167	1980-05-19T15:24:00Z	21.93	0000-00-00T00:00:00Z	-9999.00	0.00	0.01 trace or less
RDD	Redding Muni, CA		40.5083	-122.2922	1980-05-20T01:08:00Z	31.66	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
RBL	Red Bluff Muni, CA		40.1514	-122.2511	1980-05-20T02:31:00Z	33.04	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
FVP	Gansner Field, CA		39.9439	-120.9469	1980-05-20T02:08:00Z	32.66	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
ZXW	Skypark, CA		39.7097	-121.6153	1980-05-20T03:31:00Z	34.04	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
SIY	Siskiyou County, CA		41.7814	-122.4681	1980-05-19T13:13:00Z	19.74	1980-05-19T14:03:00Z	20.58	>19.36	3.31 minor
QQK	Garberville, CA		40.0861	-123.8125	1980-05-20T06:42:00Z	37.23	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
FOB	Fort Bragg, CA		39.4744	-123.7944	1980-05-20T07:32:00Z	38.07	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
WQH	Butte Valley, CA		41.8872	-121.9744	1980-05-19T03:54:00Z	10.42	1980-05-19T10:41:00Z	17.21	>22.74	91.29 heavy
WQE	Dinsmore Municipal, CA		40.4931	-123.5986	1980-05-20T06:42:00Z	37.23	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
XXM	Round Valley, CA		39.7903	-123.2653	1980-05-20T05:17:00Z	35.81	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
CIC	Chico Muni, CA		39.7958	-121.8567	1980-05-20T03:31:00Z	34.04	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
HNX	Hanna, WY		41.8306	-106.5333	1980-05-19T19:09:00Z	25.68	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
WRL	Worldand Municipal, WY		43.9675	-107.9531	1980-05-20T01:08:00Z	31.66	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
THP	Hot Sprgs Co Thermopolis		43.6583	-108.2133	1980-05-19T21:57:00Z	28.48	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
SHR	Sheridan County, WY		44.7742	-106.9772	1980-05-20T05:49:00Z	36.34	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
SAA	Shively Field, WY		41.4450	-106.8100	1980-05-19T19:09:00Z	25.68	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
RKS	Rock Springs Sweetwater C		41.5964	-109.0658	1980-05-19T14:58:00Z	21.50	1980-05-19T20:11:00Z	26.72	0.00	0.04 trace or less
RIW	Riverton Muni, WY		43.0644	-108.4569	1980-05-19T16:17:00Z	22.81	0000-00-00T00:00:00Z	-9999.00	0.00	0.01 trace or less
RWL	Rawlins Municipal, WY		41.8044	-107.2014	1980-05-19T17:58:00Z	24.50	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
POY	Powell, WY		44.8703	-108.7914	1980-05-20T01:15:00Z	31.78	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
LAR	General Brees Field, WY		41.3136	-105.6731	1980-05-19T21:18:00Z	27.83	0000-00-00T00:00:00Z	-9999.00	0.00	0.00 trace or less
EMM	Kemmerer Muni, WY		41.8250	-110.5583	1980-05-19T09:39:00Z	16.17	1980-05-19T15:03:00Z	21.58	10.05	0.27 trace or less