

STATE OF WASHINGTON
DEPARTMENT OF NATURAL RESOURCES
BRIAN J. BOYLE, Commissioner of Public Lands
ART STEARNS, Supervisor

DIVISION OF GEOLOGY AND EARTH RESOURCES
RAYMOND LASMANIS, State Geologist

MOUNT ST. HELENS — ANNOTATED INDEX TO VIDEO ARCHIVES

BY

ROBERT LOGAN and CONNIE J. MANSON

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INTRODUCTION

The reawakening of Mount St. Helens in 1980 shocked and fascinated Pacific Northwest residents. Mount St. Helens made many of them aware of ever-present but usually unobtrusive geologic processes for the first time. The event has been remarkable not only for its socio-economic effects on the region, but also for its important contributions to the many disciplines of science; it has provided an unparalleled opportunity for direct and intensive study of strato-volcano behavior. Due to the proximity of populated areas and consequent intensive interest shown by the media, extensive video documentation of the volcano and its activity was made. Shortly after the major eruption in 1980, the Washington State Division of Geology and Earth Resources (Department of Natural Resources) recognized the value of these video records and initiated efforts to preserve them. With funds provided by the National Science Foundation, the video tape files of five television stations serving the Seattle and Portland areas were reviewed for footage covering all events concerning Mount St. Helens and its activity. Criteria for selection of tapes were based on both historic and scientific significance. The collection consists of unedited

segments of tapes covering early minor eruptive activity, major explosive eruptions, mudflows, impact on humans, flood damage, ash falls, and much more. The collection is available for viewing on suitable viewing equipment at the Division of Geology and Earth Resources office at 4224 Sixth Ave., S.E., Lacey, Washington. The collection is intended for research use only, and utilization of the collection for entertainment or commercial ventures is prohibited.

To facilitate the use of these archives, we have compiled this annotated index. Individual video tape segments are listed in chronological order with a brief subject description.

Funding for the project was provided by the National Science Foundation under Grant Number EAR-8023821. We especially thank John Klien of Channel 2 (KATU), Craig Kuhlman of Channel 6 (KOIN), and George Wolverton of Channel 8 (KGW), in Portland, Oregon; and Paul Steinle of Channel 5 (KING) and Pauline Crane of Channel 7 (KIRO), in Seattle, Washington. Without their generous assistance and cooperation and that of their staffs, this project would not have been possible.

Segment no.	Date	Station	Tape no.	Counter no.	Description
1	3-80	KGW	3	3128-3185	Mount St. Helens as seen from Timberline parking lot
2	3-20-80/ 3-27-80	KGW	3	1956-3123	Mount St. Helens as seen from Timberline parking lot; interview with Highway Dept. employee about pre-May 18 earthquakes and avalanche danger
3	3-24-80	KOIN	6	1576-2255	Mount St. Helens summit and surrounding area
4	3-24-80	KOIN	6	2255-2425	KIRO news report on seismic activity at Mount St. Helens; interview with Steve Malone (University of Washington)
5	3-24-80	KING	1	001-062	Interview with Steve Malone (University of Washington) about increased seismic activity at Mount St. Helens
6	3-25-80	KOIN	5	5020-end	General views of Mount St. Helens
7	3-25-80	KOIN	6	150-263	Mount St. Helens summit
8	3-25-80	KIRO	1	0-542	Summit crater; fissures; ash-covered summit
9	3-25-80	KOIN	5	944-1594	Setting up seismic telemetry equipment near Mount St. Helens
10	3-25-80	KOIN	6	0-150	Setting up seismic station
11	3-26-80	KOIN	5	905-944	Reporter describes explosion and sounds of avalanche heard during early afternoon near Mount St. Helens
12	3-26-80	KGW	4	1-3877	Pre-eruption precautions: Roadblocks; roadblocks at Spirit Lake Lodge; evacuations. Reporters at Timberline discuss earthquake
13	3-26-80	KING	1	63-129	Jeff Renner interviews Harry Truman at his Spirit Lake Lodge
14	3-26-80	KOIN	5	0-905	Mount St. Helens Volcanic Hazard Contingency Plan meeting in Vancouver, Washington: Don Mullineaux (U.S. Geological Survey) discusses recent seismic activity, historic volcanic activity at Mount St. Helens, possible eruption products to be expected, etc.

Segment no.	Date	Station	Tape no.	Counter no.	Description
15	3-27-80	KOIN	5	1594-3161	Temporary seismic station at Timberline parking lot; interviews with geologists; driving down Spirit Lake Highway to roadblock and Camp Baker; U.S. Forest Service command center; news conference with U.S. Forest Service and U.S. Geological Survey personnel
16	3-27-80	KGW	1	3727-5171	Single crater; fissures; ash-covered snow; ice cap
17	3-27-80	KOIN	6	263-1576	Views of Mount St. Helens from south: Summit crater; fissures; ash-covered snow; ice cap. Comments by Len Palmer (Portland State University)
18	3-27-80/ 7-22-80	KGW	1	1-1252	Composite of major volcanic events, March through July, 1980
19	3-28-80	KOIN	6	2425-2687	Steam eruption seen through clouds (Mount St. Helens is obscured by cloud cover). Comments by Len Palmer (Portland State University)
20	3-28-80	KOIN	5	4501-4715	Steam eruption seen through clouds (Mount St. Helens is obscured by cloud cover)
21	3-28-80	KOIN	5	3161-3471	Summit crater seen through clouds. Comments by Len Palmer (Portland State University)
22	3-28-80	KIRO	17	0-72	Single summit crater; ash on summit ice cap; fissures
23	3-28-80	KOIN	5	4715-5020	Seismometry at Oregon Museum of Science and Industry
24	3-28-80	KOIN	5	3471-3882	Roadblock at Cougar, Washington
25	3-28-80	KOIN	6	2687-2826	Roadblock at Spirit Lake
26	3-29-80	KOIN	6	2826-3630	Ash and steam eruption (Mount St. Helens is obscured by cloud cover); steam puffs timed at 5-second intervals. Comments by Len Palmer (Portland State University)
27	3-29-80	KING	2	2045-2232	Ash and steam plume (set to music); twin summit craters

Segment no.	Date	Station	Tape no.	Counter no.	Description
28	3-30-80	KOIN	6	3966-4782	Sunrise over Mount St. Helens; small steam plume; ash blanketing flanks of mountain
29	3-30-80	KOIN	7	0-865	9:00 a.m.: Ash plume dissipates to the southeast; recent mudflow/avalanche deposits on flanks of mountain; good views of twin craters, summit graben, and bulge. Comments by Len Palmer (Portland State University)
30	3-30-80	KOIN	7	2955-3325	9:10 a.m.: Summit and flanks of Mount St. Helens shortly after eruption; bulge; fissures; ash; ash blowing off slopes
31	3-30-80	KIRO	1	1494-3437	Summit crater; mudslide deposits on Mount St. Helens flanks; minor steam eruption; ice falling into summit crater; ash-covered flanks. Interview with Lee Fairchild (University of Washington)
32	3-30-80	KIRO	17	72-426	Mount St. Helens from the east side: Small steam eruption; close-up of twin summit craters; fissures; ash on summit and flanks; mudflow/avalanche deposits on flanks
33	3-30-80	KATU	1	0-373	Steam and ash eruption, as seen from ground near Amboy, Washington; mild ash-flow. Comments by Tom Benson (Portland State University)
34	3-30-80	KIRO	2	1570-2304	View of Mount St. Helens from distance; close-ups of summit crater, steam fumarole in crater, ash-covered flanks, bulge, notch, summit graben
35	3-30-80	KOIN	6	4782-end	Ash-dusted snow of foothills east of Mount St. Helens. Comments by Len Palmer (Portland State University)
36	3-30-80	KOIN	5	3882-4501	Mount St. Helens from Skyline Road, Portland, Oregon
37	3-30-80	KOIN	7	3978-4178	Volcano observation site [Mount St. Helens not shown]
38	3-30-80	KOIN	7	3325-3978	Ground view of eruption from Yale boat launch; pictures of eruption plume
39	3-30-80	KOIN	7	2810-2955	6:30 p.m.: View of summit at dusk

Segment no.	Date	Station	Tape no.	Counter no.	Description
40	3-30-80	KOIN	7	865-1891	View of Mount St. Helens, from east, at dusk; clear view of bulge; small steam eruption; avalanche scars; ash on slopes; eruption becomes progressively ash-rich and vigorous; full moon and Mount Rainier in background. Narrated by Len Palmer (Portland State University)
41	3-30-80	KOIN	1	44-1344	Summit crater; ash-covered slopes; minor steam activity increasing slightly; summit fissures; dark ash eruption, 6:25 p.m., with full moon and Mount Rainier in background. Narrated by Len Palmer (Portland State University)
42	3-30-80	KOIN	6	3630-3966	Portland State University observation station north of Carson, Washington; inspection of ash layers in snow. Comments on mineralogical composition of ash, by Richard Thoms (Portland State University)
43	3-30-80	KOIN	7	4178-4808	Harry Truman news conference
44	3-31-80	KOIN	7	4808-end	Ash cover on fresh snow (partially obscured by clouds)
45	3-31-80	KOIN	8	0-1246	Summit; twin craters; fissures; ash on slopes; small steam eruption from east crater. Narrated by Len Palmer (Portland State University)
46	3-31-80	KOIN	8	1246-1534	Light ash fall at Cougar, Washington; aerial views of Swift and Yale Reservoirs
47	4-?-80	KING	1	1734-4446	In a.m.: View of Mount St. Helens from the northwest side, on the ground; steam and ash eruption; ash plume; reporter, Jeff Renner, "Waiting to do live cut-in at 11." Good pre-May 18 ash plume
48	4-?-80	KIRO	2	3940-5227	Summit crater; small to moderate steam eruption. Comments by Len Palmer (Portland State University)
49	4-?-80	KIRO	17	426-498	Two climbers near lip of summit crater; ice/rockfall into summit crater; fissures
50	4-?-80	KIRO	17	498-824	Close-up of eruption and summit features
51	4-80 (early April)	KING	2	2233-2901	General views of Mount St. Helens (no activity)

Segment no.	Date	Station	Tape no.	Counter no.	Description
52	April/May 1980	KING	16	3007-3789	Still photographs of Mount St. Helens; includes Rosenquist photos of initial May 18, 1980, eruption
53	April/May 1980	KING	17	940-1226	Composite of pre- and post-eruption views of Mount St. Helens, with narration and music
54	4-1-80	KOIN	8	1534-3118	Mount St. Helens foothills, with ash-covered snow; mudflow/avalanche deposits on flanks; summit; moderate eruption developing; rockfall deposits on flanks; Swift and Yale Reservoirs
55	4-2-80	KOIN	8	3118-end	Eruption; eruption cloud drifts down flanks; single summit crater; bulge; notch; fissures. Narrated by Len Palmer (Portland State University)
56	4-2-80	KOIN	9	0-605	Avalanche deposits; foothills with ash-covered snow; moderate eruption; evacuation of Ranger Station near Mount St. Helens
57	4-2-80	KOIN	9	605-910	Steam and ash eruption, seen from base of Mount St. Helens. Narrated by Don Swanson (U.S. Geological Survey)
58	4-2-80	KATU	1	373-1066	Mount St. Helens aerial view from the south: Summit; bulge; eruption with good view of ejected material (clouds move in to cover mountain as eruption continues)
59	4-2-80	KING	2	1-1283	Steam and ash plume, viewed from north side of Mount St. Helens
60	4-3-80	KING	2	1284-1390	Ash and ice flow deposits on flanks of Mount St. Helens, viewed from the North Fork of the Toutle River
61	4-4-80	KOIN	1	1344-2105	Moderate steam and ash eruption; view into crater after eruption; bulge; summit fissures; ice blocks on floor of crater
62	4-4-80	KING	2	1391-1912	Crater; glaciers; ash-covered slopes; interview with scientist
63	4-4-80	KING	2	1913-2044	Crater
64	4-4-80	KIRO	1	3437-4716	Summit crater; fissures; bulge; ash-covered flanks

Segment no.	Date	Station	Tape no.	Counter no.	Description
65	4-4-80	KATU	1	1066-1497	View into crater; eruption begins and builds; ash cloud dissipates and moves down flanks of Mount St. Helens
66	4-4-80	KATU	1	1497-2290	Steam eruption viewed through clouds covering summit; fresh ash on flanks
67	4-4-80	KOIN	9	1881-2055	Observation site at Amboy, Washington, viewed from the air
68	4-4-80	KOIN	1	2105-2712	Souvenirs: Making Mount St. Helens T-shirts and bumper stickers
69	4-5-80	KING	2	2902-3922	Steam eruption
70	4-6-80	KOIN	7	1891-2810	Composite: CBS "Sunday Morning" cover segment on Mount St. Helens
71	4-6-80	KGW	5	1-2990	Interview with Harry Truman; views of his lodge and the surrounding area
72	4-7-80	KATU	1	2290-3777	Ash and steam eruption; backlit view of ash pulses; rock and ice fall into summit crater and into vents
73	4-7-80/ 4-8-80?	KING	3	1-211	Small steam and ash eruption, viewed from the northwest side
74	4-7-80/ 4-8-80	KING	2	3923-4380	General views of Mount St. Helens (no activity)
75	4-8-80	KATU	1	3777-5160	Ash clouds moving down flank of Mount St. Helens; view of summit crater as new eruption begins
76	4-8-80	KING	3	212-631	Small steam and ash eruption, viewed from the northwest side
77	4-8-80	KING	3	632-1021	Mount St. Helens edifice; heavy cloud cover; ash-covered slope
78	4-10-80	KING	3	2028-3812	Steam and ash eruption (9:45 a.m.); mud-flow deposits on side of Mount St. Helens
79	4-10-80	KOIN	1	2712-4717	Eruption (11:07 a.m.); view into crater; minor ash flow begins to form from column collapse but dies out quickly; ash falls on slope. Good pre-May 18 eruption sequence. Narrated by Len Palmer (Portland State University)

Segment no.	Date	Station	Tape no.	Counter no.	Description
80	4-10-80	KATU	2	0-597	Summit crater; close-ups of fissures, crater floor and walls, summit ice cap eruption
81	4-10-80	KATU	2	597-1330	Summit crater; eruption; ejecta. Good ejecta footage
82	4-10-80	KATU	2	1330-2472	Flanks; summit crater; Floating Island lava flow
83	4-10-80	KATU	2	2472-3899	Summit crater; eruptions; ash cloud moves down flanks; ice and rock fall into summit crater; good view into open vent in crater floor
84	4-10-80	KATU	2	3899-4600	Black and white infrared of summit crater and edifice
85	4-10-80	KOIN	2	0-368	Interviews with residents of Cougar, Washington; scenes in and around Cougar
86	4-10-80	KOIN	1	4717-5266	Roadblock at Cougar
87	4-11-80	KING	1	129-849	Summit crater; ash fall; fissures near summit
88	4-11-80	KING	1	850-946	Interview with David Johnston (U.S. Geological Survey), on earthquake prediction. Reported by Jeff Renner
89	4-11-80	KING	4	1-1376	Close-ups of summit, crater, bulge, steam plume, ejecta; fissures; rockfalls and icefalls
90	4-11-80	KING	4	1377-1512	Close-ups of Mount St. Helens glaciers and ice and mudslide deposits
91	4-11-80	KATU	3	0-933	Summit crater; Mount St. Helens foothills; fissures; rockfalls; minor steam and ash eruptions; lake in crater floor
92	4-11-80	KATU	30	0-758	Summit crater; fissures; moderate steam and ash eruption; tephra falling back into crater; impact craters in summit ash (helicopter on summit for scale)
93	4-11-80	KATU	30	758-1769	Mudflow deposits on slopes; summit crater with small lake in vent; fissures; bulge; foothills; Mount St. Helens from distance
94	4-11-80	KING	3	3813-4333	General view of Mount St. Helens from northwest (no activity)

Segment no.	Date	Station	Tape no.	Counter no.	Description
95	4-12-80	KIRO	2	0-1333	Summit crater; climbers; fissures; rock-falls in crater; ejecta craters in summit ash; helicopter lands on summit; close-ups of ejecta craters; view from lip of crater into crater; small rock-fall from beneath summit ice cap; helicopter leaves summit and flies over mudflow/avalanche deposits. Lee Fairchild (University of Washington) interviewed by Brooks Burford
96	4-12-80	KOIN	2	368-1837	[Note: Copy of KIRO tape, Segment 95.] Summit crater; climbers; fissures; rock-falls in crater; ejecta craters in summit ash; helicopter lands on summit; close-ups of ejecta craters; view from lip of crater into crater; small rockfall from beneath summit ice cap; helicopter leaves summit and flies over mudflow/avalanche deposits. Lee Fairchild (University of Washington) interviewed by Brooks Burford
97	4-12-80	KIRO	2	1333-1570	Discussion of mudflow/avalanche deposits on ground, by Lee Fairchild (University of Washington) and Brooks Burford (KIRO); close-up of mudflow/avalanche deposits
98	4-12-80	KOIN	2	1837-2341	[Note: Copy of KIRO tape, Segment 97.] Discussion of mudflow/avalanche deposits on ground, by Lee Fairchild (University of Washington) and Brooks Burford (KIRO); close-ups of mudflow/avalanche deposits
99	4-12-80	KATU	3	933-1969	Summit crater; vents in crater floor; ash-darkened avalanche deposits
100	Early May 1980	KING	6	3175-3524	Summit crater; bulge; notch
101	Early May 1980	KING	4	1606-1807	General views of Mount St. Helens, Spirit Lake, and North Fork Toutle River areas
102	May-?-1980	KATU	10	3144-3258	View from rescue helicopter of area near where Mr. Crockett was trapped on South Fork Toutle River
103	Early May 1980	KING	5	1-85	Interview with Craig Weaver (University of Washington/U.S. Geological Survey)
104	pre-May 18, 1980	KOIN	4	4336-5286	Interviews with Cougar, Washington residents; scenes of Cougar area; beginning of contingency plan meeting in Vancouver, Washington [Note: Incomplete]

Segment no.	Date	Station	Tape no.	Counter no.	Description
105	5-1-80	KATU	3	2031-3329	Summit; flanks; bulge; eruption prediction by Tom Benson (Portland State University); fissures; summit ice cap/rock interface
106	5-1-80	KING	4	1513-1605	Bulge
107	5-1-80	KATU	3	1969-2031	Spirit Lake; Mount St. Helens summit
108	5-2-80	KING	4	1808-2819	Summit crater; bulge; mud- and ice-slide deposits on flanks; steam and ash eruption; crater close-ups
109	5-6-80	KATU	3	3329-4982	News conference with Jim Unterwegner (U.S. Forest Service) and Donal Mullineaux (U.S. Geological Survey)
110	5-7-80	KIRO	2	2304-2334	Summit crater; bulge; flanks of Mount St. Helens; fumarolic activity in crater; extensive summit fissures
111	5-7-80	KIRO	1	542-1494	Summit crater; extensive summit fissures; bulge
112	5-8-80	KIRO	2	2334-3940	Summit crater; extensive summit fissures; fumarolic activity in crater floor and on crater walls; ice cap and rock interface; Spirit Lake and surrounding landscape; moderate steam and ash eruption; flight along North Fork Toutle River
113	5-8-80	KATU	4	708-775	Steam and ash eruption; Mount St. Helens flanks
114	5-8-80	KATU	4	0-708	Summit crater; small steam vents within crater; bulge; fissures; avalanche scarps on flanks
115	5-8-80	KING	4	2820-2946	Still photos of Mount St. Helens; profile of bulge
116	5-8-80	KING	4	2947-3188	Cloud-shrouded edifice; mud/rock/ice flow deposits on lower slopes
117	5-8-80	KING	4	3189-end	North Fork Toutle River and riverside houses; discussion of emergency procedures
118	5-11-80	KIRO	3	0-861	Edifice and crater; small steam and ash eruption. Good views of morphological features: Bulge, fissures, Dog's Head, etc.; close-up of eruption pulses. Narrated by Steve Malone (University of Washington)

Segment no.	Date	Station	Tape no.	Counter no.	Description
119	5-11-80	KOIN	2	2341-5333	Summit crater and bulge with small steam and ash eruption in progress; new and old ash deposits blanket most of summit; small lake in summit crater; pronounced fissures and scarps; Mount St. Helens as seen from distance
120	5-12-80	KOIN	3	0-101	Ash eruption
121	5-12-80	KOIN	2	3063-5333	Close-up of vigorous steam and ash eruption, narrated by Gene Pierson (Portland State University); Spirit Lake; avalanche deposits on Mount St. Helens; Timberline parking lot
122	5-12-80	KOIN	3	793-1040	Aerial views of Mount St. Helens; good profile of bulge; windblown ash; avalanche scarp
123	5-12-80	KOIN	3	101-793	Interview with Harry Truman at his Spirit Lake Lodge
124	5-12-80	KATU	30	1769-2617	Interviews with Kid Valley residents about evacuation plans; pre-eruption scenes of Toutle River
125	5-13-80	KATU	4	775-1606	Summit crater; small satellite crater on southeast rim of crater; vents in crater floor
126	5-14-80	KOIN	3	1040-1936	Summit with ash eruption in progress. Comments by John Allen (Portland State University) about sulfurous fumes from eruption and the possibility of magmatic eruptions
127	5-14-80	KATU	4	2809-4190	Summit crater; good shot of eruption beginning on crater floor; lake in crater floor
128	5-14-80	KATU	4	1606-2809	Mount St. Helens from distance emitting steam; close-up on summit crater with ash eruption; impact craters in ash at summit; fumaroles in summit crater
129	5-15-80	KGW	3	3185-4105	Harry Truman at his lodge, "Harry waves goodbye"; Boy Scout Lodge at Spirit Lake, evacuation of equipment and supplies
130	5-15-80	KATU	5	0-449	Boy Scout camp on shores of Spirit Lake; Harry Truman's Spirit Lake Lodge

Segment no.	Date	Station	Tape no.	Counter no.	Description
131	5-16-80	KATU	5	449-1286	Mount St. Helens from distance; prominent bulge; fissures; incipient slip planes expressed as lineaments across southern half of summit
132	5-16-80	KATU	5	1286-2040	Bulge; Len Palmer (Portland State University) comments on faulting at summit and bulge; rockfall from south rim into crater
133	5-16-80	KING	1	946-1733	Bulge; summit crater, fissures; ash-covered summit; steam eruptions; notch
134	5-16-80	KING	5	86-729	Close-up of crater; fissures; bulge; steam eruptions; notch
135	5-16-80	KOIN	3	1936-3027	Interviews with loggers working near Mount St. Helens
136	5-17-80	KIRO	3	861-1312	Mount St. Helens edifice from distance; close-ups of summit crater; minor steam venting; fissures; small satellite crater to east of main crater; close-ups of fissures; rock/ice interface; bulge
137	5-17-80	KOIN	3	3027-3614	Spirit Lake; Mount St. Helens with prominent bulge; good aerial views of crater [Note: This is the last pre-eruption video of Mount St. Helens]
138	5-17-80	KIRO	3	1312-2123	Organization and activity of May 17 convoy of Mount St. Helens area property owners into the restricted zone; some of the last scenes of Highway 504 before its destruction on May 18, 1980
139	5-18-80	KGW	2	0-4715	Composite of effects of May 18 eruption "Eruption Special": Live news report; ash plume from southwest (at Mount Amboy); mudflow on Toutle River; missing bridges; ash fall at Yakima ("Midnite at Noon"); early April crater blast; infrared satellite pictures of ash plume; comparison with other historical eruptions. Interview with Marvin Beeson (Portland State University) about current and possible future activity; regional ash fall and effects

Segment no.	Date	Station	Tape no.	Counter no.	Description
140	5-18-80	KIRO	3	2123-4823	Composite of effects of May 18 eruption: Eruption cloud from the north side of the mountain sometime in the morning; mudflow deposits and destruction on the Toutle River; mudflow and log debris moving down the Toutle; stationary camera shots from river bank of passing logjam; eruption plume
141	5-18-80	KING	17	0-940	Composite of effects of May 18 eruption (edited, with music and narration): Eruption; debris flow deposits; mudflow activity; ash fall and cleanup; eyewitness accounts; damage scenes, etc.
142	5-18-80	KING	9	1064-2131	Composite of effects of May 18 eruption: Ash fall in eastern Washington; logjams on Toutle River; eruption column; mudflow on Toutle River; State Patrol operations office; comments by Governor Dixy Lee Ray; evacuees; blowdown, North Fork Toutle River; effects on agriculture in eastern Washington; steaming mudflow on the Toutle River; mudflow deposits near Toutle, Washington; wildlife
143	5-18-80	KATU	5	2040-5075	Composite of effects of May 18 eruption: News report; eruption plume; interviews with Bob Christiansen (U.S. Geological Survey) and Jim Unterwegner (U.S. Forest Service); pyroclastic flows on eastern flank of Mount St. Helens; flood scenes; rescue scenes; interviews with survivors; scenes from Yakima
144	5-18-80/ 5-19-80	KING	6	384-3174	Composite of effects of May 18 eruption: Eyewitness accounts of volcanic events; impacts on agriculture; ash fall in eastern Washington; Toutle River mudflow; timber blowdown; Castle Rock area flooding; ash cleanup; steaming mudflow on Toutle River; evacuees; wildlife; mudflow cleanup on I-5; interview with Jim Beget (University of Washington); Spirit Lake area on May 19
145	5-18-80	KGW	6	1-1333	Composite of effects of May 18 eruption: Eruptive column; interviews with evacuees; log debris on the Lewis River
146	5-18-80	KING	7	296-389	Reporter Jeff Renner describes the morning's volcanic events (10:30 a.m.)

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147	5-18-80	KING	7	1743-1805	Still photo of pre-eruption mountain
148	5-18-80	KING	16	3871-4236	Still photos of initial eruption and landslide (8:32 a.m.), taken by Keith Stoffel (Washington Department of Natural Resources, Division of Geology and Earth Resources)
149	5-18-80	KING	7	1806-1939	Still photos of initial eruption (8:32 a.m.), as seen from the west side of Mount St. Helens, photographed from commercial airliner
150	5-18-80	KIRO	4	1501-1686	Still photos of initial eruption and landslide, in time-lapse sequence, Gary Rosenquist, photographer
151	5-18-80	KING	7	390-803	Initial eruption; initial blast; base surge; formation of eruption column; as seen from the west side of Mount St. Helens
152	5-18-80	KIRO	4	0-494	Aerial view of eruption plume, as seen from the northwest and south sides of Mount St. Helens
153	5-18-80	KATU	13	0-834	Aerial view of eruption plume; good view of top of plume; interview in airplane with Tom Benson (Portland State University)
154	5-18-80	KOIN	12	2619-3403	Aerial view of eruption plume, narrated by Len Palmer (Portland State University); pyroclastic flows barely visible on flanks of Mount St. Helens
155	5-18-80	KATU	12	566-1109	Aerial view of eruption plume; flanks of Mount St. Helens; forest fires (approximately 12:30 p.m.); close-ups of crater rim
156	5-18-80	KATU	8	0-541	Aerial view of eruption plume and Mount St. Helens (shaky, but some close-ups)
157	5-18-80	KATU	11	1697-2440	Aerial view, from the south, (in the morning?); Toutle River and Toutle River valley; logjams
158	5-18-80	KATU	6	0-2650	Mount St. Helens, as seen from Amboy, Washington: Eruption in progress; billowing ash cloud; lightning flashes; change in color of ash. Some commentary
159	5-18-80	KATU	6	4335-4432	Mount St. Helens, as seen from Amboy, Washington

Segment no.	Date	Station	Tape no.	Counter no.	Description
160	5-18-80	KATU	7	2302-2508	Mount St. Helens, as seen from Amboy, Washington. News commentary
161	5-18-80	KATU	8	541-2304	Mount St. Helens, as seen from Amboy, Washington: Pyroclastic flow moving down west side of Mount St. Helens
162	5-18-80	KATU	9	0-1263	Mount St. Helens, as seen from Amboy, Washington, at approximately 6:00 p.m.: Eruption plume; descriptions of earlier activities
163	5-18-80	KATU	9	1263-4705	Mount St. Helens, as seen from Amboy, Washington: Eruption plume; description of mudflows on the Toutle River (no pictures); plume from pumice pond crater; possible pyroclastic flows occasionally visible in vicinity of Toutle River valley
164	5-18-80	KATU	10	0-202	Mount St. Helens, as seen from Amboy, Washington (in the morning?): Eruption plume; comments by meteorologist Fred Jenkins about thunderstorm formation caused by eruption; studio news
165	5-18-80	KATU	10	688-873	Mount St. Helens, as seen from Amboy, Washington: Eruption plume
166	5-18-80	KATU	10	873-1687	Mount St. Helens, as seen from Amboy, Washington: Eruption plume with summit condensation cloud; impressive increase in activity beginning at about 3:45 p.m.; comments, at about 4:27 p.m., describing "smoke from eruption sliding down mountain sides" (pyroclastic flows)
167	5-18-80	KATU	11	814-992	Mount St. Helens, as seen from Amboy, Washington: Eruption plume
168	5-18-80	KATU	12	1586-2894	Mount St. Helens, as seen from Amboy, Washington, approximately 11:39 a.m.: Commentary about lightning, lava, ash, earthquakes
169	5-18-80	KATU	12	1109-1586	Aerial view of Amboy, Washington; Mount St. Helens and eruption plume from south Lewis River reservoirs; very dark-gray eruption plume from Mount St. Helens, then lighter colored plume; ash haze near mountain, to the southeast; view from east side of Mount St. Helens

Segment no.	Date	Station	Tape no.	Counter no.	Description
170	5-18-80	KING	9	3107-4941	Mount St. Helens, as seen from Amboy, Washington, on the ground and from the air; eruption plume; two reporters commenting
171	5-18-80	KING	9	2131-5290	Mount St. Helens, as seen from Amboy, Washington: Eruption column; pyroclastic flow on south slope of Mount St. Helens
172	5-18-80	KING	10	0-684	Mount St. Helens, as seen from Amboy, Washington, sometime after 11:00 a.m.: Eruption column; waning pyroclastic flow on western flanks of Mount St. Helens (continued from KING tape 9)
173	5-18-80	KIRO	4	494-868	Mount St. Helens, as seen from Amboy, Washington: Eruption column
174	5-18-80	KOIN	13	1120-1291	Mount St. Helens, aerial view, from the west, in the afternoon. Clear sky
175	5-18-80	KOIN	13	1291-1859	Mount St. Helens, as seen from Amboy, Washington: Eruption plume
176	5-18-80	KATU	7	349-1571	Mount St. Helens, from the south, late afternoon
177	5-18-80	KATU	7	0-349	Mount St. Helens, with eruption plume as seen from the west, houses moving down the Toutle River with mudflow (as seen from the air and from a bridge)
178	5-18-80	KATU	7	2508-4849	Mount St. Helens: Eruption plume; pyroclastic flows down east, west, and south sides
179	5-18-80	KING	5	730-2488	Eruption column; pyroclastic flows, as seen from the southwest; eruption column as seen from the west
180	5-18-80	KING	5	2633-4319	Eruption column, as seen from the southwest
181	5-18-80	KING	6	1-39	Eruption column
182	5-18-80	KING	6	259-383	Eruption column; pyroclastic flows; Toutle River mudflows
183	5-18-80	KING	7	804-1742	Mount St. Helens, seen from near Toledo: Eruption column; lateral blast; convecting column; lightning in ash plume; widening ash plume

Segment no.	Date	Station	Tape no.	Counter no.	Description
184	5-18-80	KOIN	12	2049-2081	Eruption plume, seen from distance
185	5-18-80	KOIN	13	97-1120	Hazy eruption column, as seen from ground (sky clears allowing good shots of billowing plume)
186	5-18-80	KOIN	13	3119-3141	Mount St. Helens, and eruption plume
187	5-18-80	KOIN	20	3422-5200	Eruption column, as seen from air; mudflow and logjam on Toutle River
188	5-18-80	KATU	6	2650-3444	Mudflow/flood on Toutle and Cowlitz Rivers
189	5-18-80	KATU	10	202-688	Aerial views of Toutle River mudflow and mudflow deposits; flight down Cowlitz River
190	5-18-80	KATU	11	2778-3550	Aerial views of mudflow and damage on Toutle River; trees being knocked down by logjam and mudflow
191	5-18-80	KATU	11	3634-4488	Aerial view of Mount St. Helens, from the south; eruption plume; mudflow on main fork Toutle River; tool shed being swept along with logs and other debris; flow passes through Hollywood Gorge; debris front moving down Cowlitz River
192	5-18-80	KATU	12	0-566	Ground view of logs moving down Toutle River; man retrieves large fish from stream
193	5-18-80	KATU	30	2617-3107	Mudflow; interviews with survivors of blast and mudflow; Gary Rosenquist still photographs of initial eruption
194	5-18-80	KING	5	2485-2632	Toutle River mudflow and mudflow deposits; satellite imagery of ash plume
195	5-18-80	KING	6	125-164	Toutle River log debris
196	5-18-80	KING	7	1940-2727	Toutle River mudflows; debris flows; interview with eyewitness (deputy sheriff)
197	5-18-80	KOIN	13	0-97	Interview with property owner near Toutle, Washington, as mudflow passes by; bubbling mud on riverbank
198	5-18-80	KGW	4	3895-4561	Toutle River mudflow; ash plume
199	5-18-80	KGW	5	2995-end	Toutle River mudflows; inundated roads and bridges; Camp Baker; eruption column

Segment no.	Date	Station	Tape no.	Counter no.	Description
200	5-18-80	KING	7	1-295	Mudflow near Elk Rock; excellent views of mudflows and debris flows on North Fork Toutle River
201	5-18-80	KATU	7	2728-2934	North Fork near Elk Rock; excellent views of mudflows and debris flows on North Fork Toutle River
202	5-18-80	KATU	8	2545-4588	North Fork Toutle River mudflow between Camp Baker and Kid Valley; damaged fish farm; Camp Baker; downstream from Camp Baker
203	5-18-80	KATU	6	3444-4335	Thick mudflow on Toutle River; trees being knocked down by logjam and mudflow; damage at Camp 12
204	5-18-80	KATU	10	1687-3144	Crockett film: View up South Fork Toutle River toward Mount St. Helens and plume; main mudflow has already passed; slide that blocked reporter's escape route; more scenes of South Fork Toutle River valley; eruption cloud; reporter narrates film as he walks toward the only light he can see near a ridge, camera continues to run but ash blocks out all light, reporter continues to describe difficulties breathing and seeing, wondering aloud if he will survive
205	5-18-80	KATU	11	0-814	Aerial view of Camp 12 on South Fork Toutle River; mudflow damage; Mount St. Helens and plume; pyroclastic flows down west flank and down east flank of Mount St. Helens
206	5-18-80	KATU	11	3550-3634	Aerial view Weyerhaeuser logging camp (reporter says Camp Baker, but it looks more like Camp 12). Commentary by Paul Majors
207	5-18-80	KATU	11	992-1369	Logjam on Toutle River; flood front moving downstream; I-5 traffic blocked due to road closure
208	5-18-80	KATU	11	2594-2778	Ground scenes of mudflow deposits on Toutle River near I-5
209	5-18-80	KOIN	13	1859-3119	Aerial view of Toutle River before mudflow; logs moving through gorge and on down river; I-5 closed at Toutle River bridge; back to river and logs moving downstream as helicopter hovers; logs move beneath helicopter

Segment no.	Date	Station	Tape no.	Counter no.	Description
210	5-18-80	KOIN	13	3710-5162	Mudflow under bridge near Toutle, Washington; interview with loggers who were eyewitnesses to initial eruption (same as KOIN Tape 12, 654-2049, Segment no. 227)
211	5-18-80	KING	6	215-258	Toutle River at I-5 bridge: Logjam and mudflow
212	5-18-80	KING	9	1022-1064	Toutle River at I-5 bridge: Logjam and debris
213	5-18-80	KGW	6	1334-2525	Toutle River at I-5 bridge (late afternoon): Mudflow, logs striking bridge piling, heavy flows of mud and debris
214	5-18-80	KATU	7	2081-2302	Ash fall scenes of Yakima; interview with Bud Graves (U.S. National Weather Service) about local weather; comments by Jim Ballard (Yakima County Extension Service) about ash effects on crops
215	5-18-80	KING	4	40-124	Ash fall scenes of Yakima: "Midnight at Noon"
216	5-18-80	KIRO	4	868-1501	Ash fall scenes of Yakima: "Midnight at Noon"; streets with ash deposits; post-May 18 daytime scenes of ash-covered orchards and city streets; cleanup efforts
217	5-18-80	KOIN	3	3614-3873	Ash fall in Yakima (sequence taken during ash fall)
218	5-18-80	KATU	10	3258-4298	Yakima news conference about emergency procedures implemented
219	5-18-80	KING	6	165-214	Ash fall and ash fall deposits on I-90 at Cle Elum
220	5-18-80	KATU	8	2304-2545	News report describing conditions in the Toutle River valley
221	5-18-80	KATU	11	2440-2594	Interview with survivor who drove from northeast of Camp Baker during the eruption
222	5-18-80	KATU	11	1369-1697	Interview with helicopter evacuees from Toutle River area; interview with military rescue personnel about conditions around Mount St. Helens

Segment no.	Date	Station	Tape no.	Counter no.	Description
223	5-18-80	KATU	12	2894-3897	News conference with Bob Christiansen (U.S. Geological Survey): Activity at Mount St. Helens; timber blowdown; lack of lava flow; extent of eruption; morphology of Mount St. Helens; pyroclastic flows, and survivors
224	5-18-80	KOIN	12	4093-4686	Devastation of Camp 12, as seen from the ground. Comments by reporter Bill Diaz
225	5-18-80	KING	5	4320-4522	News report: Interview with Don Barden, eyewitness; descriptions of lightning, ash plume; general description of effects of May 18 eruption
226	5-18-80	KING	7	2935-3029	Evacuees
227	5-18-80	KOIN	12	654-2049	Roadblock near Castle Rock; drive up Spirit Lake Highway to Toutle; mudflow near Toutle; interview with loggers who were eyewitnesses to the initial eruption; comments by reporter Bill Diaz
228	5-18-80	KOIN	12	2081-2619	Interview with Major Mullen (U.S. Air Force) about devastation in upper Toutle River valley; interview with Len Palmer (Portland State University) about devastation
229	5-18-80	KOIN	12	3403-4093	Air rescue operations; inside helicopter with survivor enroute to hospital; occasional views of flood damage from helicopter window
230	5-18-80	KOIN	12	4686-end	Reporters and sheriff's deputy on Toutle River bridge, near Toutle, Washington
231	5-18-80	KOIN	3	3873-4413	Interview with Dr. Lee McFarlane, Yakima, about health hazard of ash
232	5-19-80	KATU	14	2574-3413	Low flight around the flanks of Mount St. Helens, showing numerous small mudflow deposits and ash deposits; flight circles from the west to the east side, showing plume trailing off to the northeast, view of foothills; forest fires, phreatic plume in North Fork Toutle River valley, mudflow deposits in North Fork Toutle River valley, damaged houses
233	5-19-80	KATU	15	0-225	Aerial view of Mount St. Helens crater rim; reporter discusses U-2 flight through ash plume; street scenes from Yakima, Washington

Segment no.	Date	Station	Tape no.	Counter no.	Description
234	5-19-80	KOIN	14	623-804	Mount St. Helens and plume, from a distance (picture hazy and unsteady)
235	5-19-80	KATU	13	834-2133	Aerial view of flood and mudflow damage along the Cowlitz and Toutle Rivers; high water marks on I-5 and bridges; steaming turbulence on the Toutle River; damaged house and car
236	5-19-80	KATU	13	2133-3621	Aerial view of mudflow damage along the Toutle River near Toutle, Washington, and upstream; damaged railroad bridge; logging camp; ash haze and foothills near South Fork Toutle River valley; Mount St. Helens and plume from south side; more lower Toutle River flooding and mudflow damage
237	5-19-80	KATU	13	3621-4382	Aerial view of flood and mudflow damage along the Cowlitz and Toutle Rivers; occasional views of Mount St. Helens in the distance, with ash plume to about 10,000 feet
238	5-19-80	KATU	14	1871-2574	Interview with evacuee from Toutle River area; ground view of Toutle River mudflow deposits on Highway 505; reporter wading through mudflow deposit on Highway 505
239	5-19-80	KATU	14	3413-4435	Aerial view of flood and mudflow damage along the Toutle River; flight through Hollywood Gorge, over Tower Bridge to I-5 and the confluence with the Cowlitz River; high water marks on I-5; damage to railroad bridge near I-5; flood and mudflow damage along the Cowlitz River
240	5-19-80	KING	8	829-1169	Toutle River mudflows and debris flow deposits; survey of Mount St. Helens area; automobiles destroyed by blast; search for survivors
241	5-19-80	KING	8	1170-2552	North Fork Toutle River mudflow deposits; debris flow deposits; waning steam and ash eruption; mudflow and pyroclastic flow deposits on the flanks of Mount St. Helens; view from rim of crater; debris covering Spirit Lake; ash-covered blast zone; wind-blown ash deposits

Segment no.	Date	Station	Tape no.	Counter no.	Description
242	5-19-80	KING	7	3327-3482	Cowlitz River mudflow and debris flow deposits; news report on shipping problems in the Columbia River; effects of siltation
243	5-19-80	KING	8	3873-5320	Mudflow damage in the lower Toutle River and Castle Rock, Washington, areas
244	5-19-80	KOIN	14	224-623	Mudflow damage and mudflow deposits along the Toutle and Cowlitz Rivers
245	5-19-80	KOIN	14	973-1499	Ground views of steaming Toutle River, and mudflow deposits and mudflow damage near Toutle, Washington
246	5-19-80	KOIN	14	1499-3492	Toutle River devastation: Damaged bridges, buried houses and rail cars, Camp Baker, debris flow surface, smoldering timber blow-down, ice blocks on debris flow surface, mudflow deposits on steaming debris flow surface
247	5-19-80	KOIN	14	3492-5135	Toutle River near I-5; mudflow deposits from Toutle and Cowlitz Rivers; debris in Columbia River
248	5-19-80	KOIN	21	0-1284	North Fork Toutle River filled with debris flow deposits and mudflow deposits; blown down timber; interview with local resident during helicopter flight of lower Toutle (resident picks up dog at home and flight continues); mudflow damage at Camp 12
249	5-19-80	KIRO	4	1686-2492	Flight down Toutle River valley to Castle Rock area; mudflow deposits and destruction
250	5-19-80	KIRO	4	2788-4931	Mudflow deposits and damage along the Toutle River and in the Castle Rock area; high water mark on I-5; damaged trout hatchery; damaged log camps, etc.
251	5-19-80	KIRO	5	0-1011	North Fork Toutle River valley: Mudflow damage in Camp Baker area; toe of debris flow; blown down timber; waning eruption of Mount St. Helens; mudflow damage to lower Toutle River and Castle Rock area
252	5-19-80	KIRO	5	1267-1544	Mud-clogged Cowlitz River, near Castle Rock

Segment no.	Date	Station	Tape no.	Counter no.	Description
253	5-19-80	KIRO	5	1544-2862	South and North Forks Toutle River near Camp Baker; mudflow deposits and blown down timber; ash cover; debris flow; fumarole activity in pyroclastic flow deposits; debris-covered Spirit Lake; debris flow surface; mudflow deposits on lower Toutle River covering paved road
254	5-19-80	KGW	3	0-816	Air National Guard helicopter search operations in Toutle River area; debris flow, North Fork Toutle River; blast areas
255	5-19-80	KGW	6	2527-2770	Toutle River mudflows
256	5-19-80	KGW	6	2771-4528	Columbia River at Kelso: Log debris, mud. Cowlitz River: Log debris, mudflow deposits, flooded houses, stranded cattle, flooded areas. Toutle River bridge at I-5, log debris, mudflow deposits
257	5-19-80	KATU	15	1392-3158	Columbia River near Kelso, Washington: Clogged shipping channel. Flight up Cowlitz River to Castle Rock, Washington: Flood damage. Toutle River: Flood damage
258	5-19-80	KOIN	9	2055-2188	Columbia River: Ships trapped by debris and siltation of channel
259	5-19-80	KATU	14	1-1871	Spokane, Washington: Interviews with travelers stranded by ash; street scenes during ash fall; ash cleanup; animals in ash; people in ash, etc.
260	5-19-80	KING	7	3030-3326	Eastern Washington: Impact of ash fall on agriculture
261	5-19-80	KING	10	2375-2530	Eastern Washington: Ash deposits on I-90; washing streets
262	5-19-80	KING	8	1-828	Yakima: Ash fall
263	5-19-80	KIRO	4	2492-2788	Yakima: Ash-covered orchards
264	5-19-80	KIRO	5	1011-1267	Yakima: Ash cleanup
265	5-19-80	KOIN	13	3141-3710	Yakima: Ash cleanup
266	5-19-80	KOIN	14	0-224	Toutle River fish hatchery; interview with Ted Parks, eyewitness to eruption

Segment no.	Date	Station	Tape no.	Counter no.	Description
267	5-19-80	KOIN	14	804-973	Interview with Truman Vining, eye-witness: He never felt earthquakes or heard noise. Comments by Gary Shepard (CBS reporter)
268	5-20-80	KATU	17	0-1265	Mount St. Helens: South and east side of base and foothills; mudflow and pyroclastic flow deposits on flanks; flight continues around to north side; view into very hazy crater; close-ups of canyons on flanks with mudflow deposits
269	5-20-80	KING	9	0-81	Toutle River mudflow deposits
270	5-20-80	KATU	16	3118-3908	Lower Toutle River: Flood and mudflow damage; high water marks on trees; damaged houses
271	5-20-80	KATU	16	1865-3118	Columbia and Cowlitz Rivers, flight continues upstream toward Toutle, Washington; mudflow and flood deposits and damage; log salvage operations; mudflow deposits and blowdown in South Fork Toutle River drainage, Castle Creek area
272	5-20-80	KATU	15	3158-4940	Upper North Fork Toutle River and devastated area; Mount St. Helens: View into hazy crater, pyroclastic flow deposits, debris flow surface, flanks and foothills; mouth of Muddy River at Swift Creek Reservoir; Toutle salmon hatchery damage
273	5-20-80	KATU	16	3908-4521	Devastated zone near Fawn Lake; Governor Dixy Lee Ray's flight; Castle Creek area; mudflow deposits on debris flow deposits; ice blocks on debris flow surface; blowdown
274	5-20-80	KOIN	9	1014-1881	Governor Dixy Lee Ray tours devastated area around Mount St. Helens; debris flow deposits; mudflow deposits; damage to Camp Baker; washed-out bridges, roads, houses, etc.; damage on Cowlitz and Toutle Rivers
275	5-20-80	KATU	16	1101-1865	Blowdown in devastated area near Schultz Creek and Elk Rock; debris flow surface; ice blocks; mudflow deposits; subsidence ponds; steaming fumaroles
276	5-20-80	KATU	16	0-1101	Blowdown near headwaters of South Fork Toutle River; smoke from smoldering fires in blowdown; ash-covered logging landing; Mount St. Helens with small steam plume

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277	5-20-80	KOIN	9	2188-2568	Interviews with evacuees at Longview Evacuation Center
278	5-21-80	KIRO	5	2862-3053	Lower Toutle River: Mudflow deposits covering road
279	5-21-80	KOIN	9	2568-3381	Steaming mudflow on Toutle River; flood damage; high water mark on I-5; flood damage at Castle Rock, Washington
280	5-21-80	KATU	17	1265-2240	Castle Rock, Washington: Interview with police about evacuation plans; street scenes; disaster relief center; close-ups of mudflow deposits
281	5-22-80	KATU	18	0-1384	Devastated zone (area uncertain): Braided streams, steaming rootless fumaroles, steaming waterfall, smoldering fires in blowdown
282	5-22-80	KATU	17	3545-4258	Devastated area and ash-covered forests near South Fork Toutle River drainage, mudflow damage and mudflow deposits
283	5-22-80	KING	10	2530-2888	Cowlitz River; and Toutle River flood, mudflow, and debris flow deposits
284	5-22-80	KIRO	5	3053-3165	North Fork Toutle River debris flow deposits
285	5-22-80	KING	10	684-2375	Private search and rescue activities; good overview of devastation in Green River valley and Fawn Lake areas
286	5-22-80	KOIN	15	1355-2296	Toutle River: Mudflow damage, debris flow deposits on North Fork. Cowlitz and Columbia Rivers: Debris and mud clogging, dredging
287	5-22-80	KATU	17	4258-4748	Mouth of Columbia River: Muddy bar, fresh/saltwater interface
288	5-22-80	KIRO	5	3165-3397	Pullman, Washington: Ash fall deposits
289	5-22-80	KOIN	9	3947-4853	Toledo, Washington airport: Interview with flight operations personnel
290	5-22-80	KATU	18	1384-1866	Port of Portland: Interview with port personnel about shipping stoppage

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291	5-22-80	KATU	17	2240-3545	President Jimmy Carter's news conference in Portland
292	5-22-80	KOIN	9	3381-3947	President Jimmy Carter's news conference in Portland
293	5-23-80	KATU	18	1866-2459	Spirit Lake: Log debris on surface, fumaroles and pyroclastic flows on south shore, debris flow deposits protruding through pyroclastic deposits, phreatic craters. Mount St. Helens: View into crater, ice-block on rampart
294	5-20-80	KATU	18	2459-3400	Debris and pyroclastic flow deposits; pumice pond eruption; rugged surface of debris flow near Elk Rock; iceblocks on surface; blowdown; Toutle hatchery and Toutle River mudflow damage; Weyerhaeuser log-yard near Kid Valley
295	5-23-80	KATU	18	3400-5064	Toutle or Green River hatchery damage; flight up Green River; blowdown; flight around devastated zone; Spirit Lake; flight into crater
296	5-23-80	KATU	19	0-862	Debris and pyroclastic flow surface; fumaroles. Spirit Lake: Debris cover, steaming lake surface, murky yellow-brown water. Ash blown around by helicopter propwash; ash-covered forests north of Mount St. Helens; pumice plain pyroclastic flow deposits; view into crater. Short commentary by reporter on day's search and rescue efforts
297	5-23-80	KATU	19	967-1493	Toutle River mudflow/flood damage; Camp Baker; debris flow surface; blowdown; eruption and subsidence craters in debris flow surface
298	5-23-80	KIRO	5	3397-3808	North Fork Toutle River; debris flow; Spirit Lake
299	5-23-80	KATU	19	862-967	Interview with parents of missing victim
300	5-23-80	KIRO	5	3808-3937	Interview with Linda Noson, (University of Washington)
301	5-24-80	KATU	19	1493-1826	Large rootless fumarole eruptions from pumice plain; steaming Castle Creek Lake; Spirit Lake; steaming fumaroles on Mount St. Helens rampart; blowdown and ash-covered clearcuts near Schultz Creek drainage

Segment no.	Date	Station	Tape no.	Counter no.	Description
302	5-24-80	KING	8	2552-3873	Debris flow deposits; fumaroles in debris flow; interview with Jim Beget (University of Washington): Speculation about stability of Spirit Lake. Beget and Jeff Renner (reporter) on debris flow near its terminus
303	5-24-80	KIRO	5	3937-4894	Flight up the North Fork Toutle River valley: Debris flow deposits, pyroclastic flow deposits, fumarolic activity, Spirit Lake
304	5-24-80	KIRO	6	0-164	North Fork Toutle River valley in upper reaches: Debris flow deposits, mudflow deposits
305	5-25-80	KIRO	6	164-402	Mount St. Helens: Early morning view of eruption as seen between two layers of clouds
306	5-25-80	KATU	15	225-1392	News program about ash fall in Portland; interview with Dr. Trainer about ash health hazards; report on extent of ash fallout; live report from Amboy, Washington
307	5-25-80	KATU	19	1826-2029	Centralia-Chehalis, Washington area: Ash impact, highway scenes with billowing ash clouds
308	5-25-80	KATU	19	2029-3483	Portland, Oregon, and Kelso, Washington: Ash impact, interviews with residents, street scenes
309	5-25-80	KATU	20	0-187	Freeway accident in heavy ash (copy of KOMO tape)
310	5-25-80	KATU	20	187-1061	Longview-Kelso, Washington area: Ash impacts, street scenes, power outage at Thunderbird Inn, interview about ash-caused electricity outages and water shortages; Cowlitz River from banks near Castle Rock, Washington, with stranded logs indicating shallowness of river; ash-covered road and trees; Longview Water Works
311	5-25-80	KING	10	2888-3988	Kelso and I-5 area: Ash deposits
312	5-25-80	KING	10	3988-end	Castle Rock, Washington: Blackout caused by ash fall shorting out transformers, eyewitness accounts of ash fall, miscellaneous views of ash deposits
313	5-25-80	KING	11	0-198	Satsop, Washington area: Ash fall deposits on I-5 and Highway 12

Segment no.	Date	Station	Tape no.	Counter no.	Description
314	5-25-80	KOIN	9	4853-end	Longview, Kelso, and Castle Rock, Washington: Ash fall deposits
315	5-25-80	KOIN	10	0-228	Longview, Kelso, and Castle Rock, Washington: Ash fall deposits
316	5-25-80	KATU	19	3483-3932	Amboy, Washington, and studio report on various hazard conditions
317	5-25-80	KATU	19	3932-4261	Interview with Bob Jacobsen and Governor Dixie Lee Ray (copy of KOMO tape)
318	5-26-80	KOIN	10	383-626	Toutle, Washington area: Cleanup of mudflow deposits
319	5-26-80	KATU	20	1061-2066	Toutle, Washington, area: Close-ups of ash cover, interview with resident about ash cover, Toutle River from banks, mudflow deposits over roadway
320	5-26-80	KATU	20	2066-2493	Toutle River area: Cattle with ash-covered faces eating fresh clean hay, interview with Kurt Johnson (cattle owner) about feeding problems
321	5-26-80	KOIN	10	228-383	Mount St. Helens souvenirs
322	5-27-80	KIRO	7	0-406	Mount St. Helens: Minor eruption plume, crater rim surrounded by cloud cover
323	5-27-80	KATU	20	2493-3494	Otto Sieber film no 2: Scenes of devastated zone from ground, with narration by exploring party member; traverse appears to be near Maratta Creek; footprints being made in deep ash; close-ups of blowdown and ash deposits
324	5-27-80	KATU	20	3494-5200	Toutle River; Camp Baker and devastated area; terminus of debris flow; debris flow surface; blowdown; fumaroles; pumice plain; pyroclastic flow deposits; steaming Spirit Lake; large rootless fumarole near south shore; numerous subsidence craters
325	5-27-80	KING	11	198-807	Toutle River: Mudflow damage
326	5-28-80	KATU	21	1012-1132	Mount St. Helens: Lower flanks

Segment no.	Date	Station	Tape no.	Counter no.	Description
327	5-28-80	KATU	21	0-1012	Flight up the South Fork Toutle River valley: Mudflow deposits and damage, damaged automobile near Spud Mountain (side of car has paint removed by blast), search and rescue efforts, phreatic plume in North Fork Toutle River valley in distance, recovery of camera from car near Spud Mountain
328	5-28-80	KIRO	7	406-1702	Flight up Toutle River: Mudflow deposits, Camp Baker, debris flow deposits, pyroclastic flow deposits, fumaroles near Spirit Lake, blown down timber and ash deposits northeast of Mount St. Helens (near Meta Lake)
329	5-28-80	KING	11	807-1959	Upper reaches of North Fork Toutle River valley: Fumaroles, debris-covered Spirit Lake, pyroclastic flow deposits, sink holes, slumping and erosion features. Interview with Matt Brunengo (University of Washington)
330	5-28-80	KOIN	15	2715-end	Views of devastated zone from search and rescue helicopter: Trapped and damaged vehicles in Green River valley, blowdown, scorched trees, ash-covered roads and hillsides; on to the North Fork Toutle River for overflight of debris avalanche deposits
331	5-28-80	KOIN	16	0-552	North Fork Toutle River valley debris flow deposits; devastated zone; blowdown, etc.
332	5-28-80	KOIN	10	626-826	Columbia River: Dredge working
333	5-28-80	KIRO	7	1702-1775	Interview with Air National Guard personnel about search and rescue difficulties
334	5-29-80	KATU	21	1132-1889	Spirit Lake area: Debris-covered lake surface, rootless fumaroles on south shore
335	5-29-80	KIRO	7	1878-3139	Search and rescue operations: Crews boarding helicopter; clearing and traversing blowdown looking for victims in the Green River valley
336	5-29?-80	KIRO	7	3139-3647	Mount St. Helens: Upper portions of edifice; moderate eruption plume; clouds cover base of mountain
337	5-29-80	KOIN	10	826-1062	Spirit Lake Highway near Silver Lake: Dry ash kicked up by traffic

Segment no.	Date	Station	Tape no.	Counter no.	Description
338	5-30-80	KING	11	2246-3357	Western Washington: Ash deposits from the May 25 eruption. Mount St. Helens: Steaming crater
339	5-30-80	KING	11	4287-4798	Mount St. Helens: Steaming crater; glimpse of pyroclastic flow deposits on pumice plain
340	5-30-80	KIRO	7	3647-4970	Mount St. Helens: View into crater; minor steam eruptions obscure inner crater
341	5-30-80	KOIN	10	1062-1311	Mount St. Helens: Edifice seen through clouds; view into steaming crater
342	5-30-80	KING	11	3357-4267	Odessa, Washington: Ash deposits and cleanup; interviews with citizens
343	5-31-80	KING	12	0-926	Interview with family caught in blast zone, descriptive account of blast cloud, falling trees, ash fall, visibility, hot ash on ground, apprehensions during ordeal, etc.
344	6-?-80	KOIN	10	1311-1433	Reid Blackburn's car in devastated zone; people digging nearby
345	6-?-80	KGW	10	422-490	Portland, Oregon, area: Ash deposits (news report)
346	Summer, 1980	KGW	10	2799-2994	U.S. Army Corps of Engineers debris dam construction
347	Summer, 1980	KOIN	4	1370-1431	Mount St. Helens, as seen from across Spirit Lake
348	6-3-80	KATU	21	1889-2077	Spirit Lake, south shore: Large fumarole eruption
349	6-4-80	KOIN	16	552-2048	Search and rescue mission (304th Rescue); aerial view of Mount St. Helens and South Fork Toutle River; interviews with Weyerhaeuser employee about victim; victim's vehicle, removing victim
350	6-10-80	KING	12	1278-1879	Castle Rock, Washington: Mudflow cleanup; interviews with cleanup personnel; flood and mudflow damage along Cowlitz River
351	6-12-80	KGW	12	492-583	Mount St. Helens: Steam plume; reports of June 12, 1980 eruption; interview with Pete Rowley (U.S. Geological Survey)

Segment no.	Date	Station	Tape no.	Counter no.	Description
352	6-12-80	KOIN	16	3493-end	Scientists servicing portable seismographs near Mount St. Helens; Mount St. Helens from the west and the north, from distance; surrounding foothills, Plains of Abraham with mudflow deposits; U.S. Geological Survey scientists on flanks of mountain
353	6-12-80	KOIN	17	0-1182	Interview with Tom Casadevall (U.S. Geological Survey) about lake level and water quality studies at Coldwater Lake, and about ash studies on ridge north of Mount St. Helens
354	6-12-80	KATU	22	0-224	Ash fall deposits on I-5
355	6-15-80	KIRO	8	0-886	Mount St. Helens shrouded in steam and clouds; interview with seismologist about relationship between earth tides and eruptions
356	6-16-80	KIRO	8	886-1448	Interview with Don Mullineaux (U.S. Geological Survey) and others; report of red glow in crater
357	6-17-80	KING	12	1879-2624	Mudflow damage along the Toutle River
358	6-18-80	KING	12	2624-2717	Mount St. Helens from the north side: Minor steam activity
359	6-18-80	KING	12	2908-5032	Mount St. Helens (early morning): Minor steam activity; steam-shrouded dome; pyroclastic flow deposits on rampart and steps on north flanks
360	6-18-80	KING	13	0-178	Mount St. Helens (early morning): Steam-filled crater
361	6-18-80	KIRO	8	1448-4524	Mount St. Helens (from distance): Small steam plume rising 1,500 feet above crater rim, dome and fumaroles; south shore Spirit Lake; blast zone; mudflow deposits near base of Shoestring Glacier
362	6-18-80	KING	12	2717-2908	National Guard clearing slash
363	6-18-80	KIRO	9	0-110	Interview with Steve Malone (University of Washington) about seismic and eruptive patterns of Mount St. Helens
364	6-19-80	KOIN	16	2048-3493	Mount St. Helens from the west; view into crater from rim; Spirit Lake; foothills; pumice plain; dome

Segment no.	Date	Station	Tape no.	Counter no.	Description
365	6-19-80	KIRO	9	110-537	Meta Lake area - east shore of Spirit Lake (from the ground): Damaged automobile and tractor; blowdown; ash deposits; debris-covered Spirit Lake; steaming terminus of June 12 pyroclastic flow
366	6-20-80	KATU	21	2077-3406	U.S. Geological Survey field trip for news crews: Deer in ash-covered terrain; servicing seismic instrument; aerial view of Mount St. Helens with steam plume; debris flow surface; pumice plain; Mount St. Helens flanks; Spirit and Coldwater Lakes; interview with Tom Casadevall (U.S. Geological Survey) about rising water level and chemistry of Coldwater Lake
367	6-20-80	KATU	21	3406-4787	(Continuation of U.S. Geological Survey field trip for news crews): Sampling ash and description of ash stratigraphy; view, from Harry's Ridge, of upwelling in Spirit Lake
368	6-20-80	KING	13	178-617	Near Toutle River: Mudflow damage and high-water lines on houses and trees; road cut through mudflow
369	6-20-80	KING	13	617-1728	Spirit Lake: View (from ground) of debris avalanche at north end of northeast arm of Spirit Lake; interview with A. B. Adams (University of Washington) about insects, setting out insect traps, and collecting water samples from Spirit Lake
370	6-20-80	KING	13	1728-2720	Near Mount St. Helens: Surface of debris avalanche showing water ponds; mudflow deposits; elk herd in (unaffected) swampy area; ash-laden forests and flanks of Mount St. Helens; singed trees, new moss
371	6-20-80	KIRO	17	824-1275	Coldwater Lake; debris flow surface; Mount St. Helens dome and flanks
372	6-26-80	KING	13	2720-3275	South Fork Toutle River: Salvage and cleanup at 12 Mile Camp
373	6-27-80	KING	13	3275-3561	Interviews with Weyerhaeuser employees about May 18 eruption and damage
374	6-29-80	KIRO	9	537-1660	Mount St. Helens: Dome; minor steam emissions; interview with Tony Irving (University of Washington); debris flow; blowdown

Segment no.	Date	Station	Tape no.	Counter no.	Description
375	6-30-80	KING	14	0-268	Mount St. Helens: Crater; close-up of dome and surrounding fumaroles
376	6-30-80	KING	13	3561-5200	North Fork Toutle River debris avalanche deposits; blowdown; pyroclastic flow deposits; Mount St. Helens crater interior; pumice plain; Spirit Lake; Mount St. Helens flanks (west side); close-up of dome
377	7-2-80	KIRO	9	1660-2120	Mount St. Helens (from distance); debris flow deposit; blowdown; Spirit Lake; steam-shrouded dome
378	7-3-80	KIRO	9	2120-4015	Green River drainage; blowdown; ash deposits; interview with Mike Korosec (Washington Department of Natural Resources) about geothermal potential of Cascade volcanoes; flight to pyroclastic flow deposits in North Fork Toutle River between Spirit Lake and Mount St. Helens; surface temperature measurement of pyroclastic flows is taken
379	7-4-80	KIRO	9	4015-4490	Interview with Tom Yelin (University of Washington graduate student) about Class B earthquakes
380	7-6-80	KIRO	9	4490-4972	Mount St. Helens and adjacent terrain
381	7-6-80	KIRO	10	0-1402	Mount St. Helens: Steam-filled crater, close-up of steam-shrouded dome; Plains of Abraham; Spirit Lake; debris flow surface (with helicopter for scale)
382	7-7-80	KOIN	10	1433-1637	Mount St. Helens: Crater dome
383	7-9-80	KOIN	10	1637-1732	Search and rescue in devastated zone
384	7-10-80	KOIN	17	1182-2775	Search and rescue team find victim's remains at Trade Dollar Lake
385	7-18-80	KIRO	10	1402-5086	Mount St. Helens: Flight into crater with Brooks Burford (KIRO reporter) and Tony Irving (University of Washington); Irving puts on protective suit and oxygen tank to enable sampling of dome; good shots of dome with man for scale; rockfalls
386	7-18-80	KOIN	4	1618-4336	(Copy of KIRO tape 10) Mount St. Helens: flight into crater with Brooks Burford (KIRO reporter) and Tony Irving (University of Washington); Irving puts on protective suit and oxygen tank to enable sampling of dome; good shots of dome with man for scale; rockfalls

Segment no.	Date	Station	Tape no.	Counter no.	Description
387	7-22-80	KATU	22	326-1275	Mount St. Helens (6:35 p.m.): Eruption viewed from Portland, Oregon
388	7-22-80	KATU	24	0-495	Mount St. Helens (6:48 p.m.): Eruption viewed from Amboy, Washington
389	7-22-80	KATU	22	1275-2429	Mount St. Helens (6:57 p.m.): Eruption viewed from Amboy, Washington, followed by the third eruption of the afternoon
390	7-22-80	KATU	22	2429-3579	Mount St. Helens (7:11 p.m.): Eruption viewed from Amboy, Washington
391	7-22-80	KATU	22	3579-4197	Mount St. Helens (7:25 p.m.): Eruption viewed from Amboy, Washington
392	7-22-80	KATU	23	0-856	Mount St. Helens (7:47 p.m.): Eruption viewed from Amboy, Washington
393	7-22-80	KATU	23	856-1154	Mount St. Helens (8:03 p.m.): Eruption viewed from Amboy, Washington
394	7-22-80	KATU	23	1154-2201	Mount St. Helens (8:34 p.m.): Eruption viewed from Amboy, Washington
395	7-22-80	KOIN	10	1732-1975	Mount St. Helens: Eruption viewed at sunset, from the air
396	7-22-80	KIRO	11	0-132	Mount St. Helens: Time-lapse of eruption, from near Toledo, Washington
397	7-22-80	KGW	10	2995-3200	Mount St. Helens: Time-lapse of eruption
398	7-22-80	KATU	22	224-326	Mount St. Helens: View of eruption plume from KATU news station; commentary by reporters
399	7-22-80	KATU	23	2201-2480	Mount St. Helens: Aerial view into very hazy crater, dome barely visible; Plains of Abraham; Ape Canyon area; Spirit Lake; Harmony Falls; bedding in Ohanapecosh Formation stands out well
400	7-22-80	KATU	23	3480-4697	Mount St. Helens: Aerial view of second and third eruptions, from the south; view into crater from the north
401	7-22-80	KING	3	1022-2027	Mount St. Helens: Eruptive column, glimpse of pyroclastic flows, close-ups of base of eruptive column

Segment no.	Date	Station	Tape no.	Counter no.	Description
402	7-22-80	KING	14	268-338	Jeff Renner (KING reporter), Josh Logan and Mike Korosec (Washington Department of Natural Resources) at north end of north-east arm of Spirit Lake
403	7-22-80	KIRO	11	132-1337	Mount St. Helens: Aerial view of second and third eruptions, from the northwest, mostly eruption plume and top of pyroclastic flow cloud
404	7-22-80	KOIN	15	0-1056	Mount St. Helens: Eruption, from the southeast; waning eruption and new pulse; possible column collapse pyroclastic flow
405	7-22-80	KOIN	15	1056-1355	Mount St. Helens: Eruption, from the northwest
406	7-22-80	KGW	10	1827-2183	Mount St. Helens: Eruption ash plume
407	7-22-80	KGW	10	2257-2293	Mount St. Helens: Ash plume; pyroclastic flow; pyroclastic flow deposits
408	7-22-80	KATU	24	495-854	Interviews with mountain watchers, at Ridgefield, Washington
408A	7-23-80	KOIN	10	1975-2328	Mount St. Helens: Crater; recent pyroclastic flow deposits; inner crater
409	7-23-80	KGW	10	2184-2256	Mount St. Helens: Inner crater; no dome
410	7-23-80	KGW	10	2293-2363	Pyroclastic flow deposits on pumice plain; view of Mount St. Helens (news report)
411	7-23-80	KGW	10	2364-2518	Mount St. Helens: Crater; interview with Marvin Beeson (Portland State University)
412	7-23-80	KGW	10	2519-2798	Mount St. Helens: View of inner crater; graphic explanation of post-July 22 inner crater
413	7-23-80	KIRO	11	1337-2355	Mount St. Helens and adjacent landscape; good view into crater; Spirit Lake
414	7-23-80	KOIN	10	2434-3373	Spirit Lake partially covered with log debris; Mount St. Helens in background; flight over devastated ridges to north of Spirit Lake; pyroclastic flow deposits
415	7-24-80	KING	16	4236-4561	Interview with Allen Fiksdal (Washington Department of Natural Resources) on north shore of Spirit Lake: Discussion of catastrophic events at Spirit Lake May 18, 1980

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416	7-24-80	KGW	10	3201-3381	Interview with Allen Fiksdal (Washington Department of Natural Resources): Description of events of May 18, 1980 eruption and of catastrophic events at Spirit Lake
417	7-25-80	KIRO	11	2355-2811	South shore of Spirit Lake; Mount St. Helens inner crater and edifice
418	7-29-80	KOIN	10	2328-2434	Mount St. Helens: Glowing rocks in crater; good view of inner crater (copy of KIRO tape)
419	8-?-80	KING	14	2441-3203	Toutle River: Clean-up of house affected by mudflow
420	8-7-80	KOIN	10	3435-3761	Mount St. Helens: Eruption from the south; plume; ash fallout
421	8-7-80	KIRO	11	2811-3924	Mount St. Helens: Plume from the south; plume trailing off to the northeast; view into crater
422	8-7-80	KGW	6	4764-5081	Mount St. Helens: Close-ups of crater, with ash plume
423	8-7-80	KGW	6	4673-4763	Mount St. Helens pyroclastic flows (U.S. Forest Service still photographs)
424	8-7-80	KOIN	10	3373-3435	Seismography, with comments by Brooks Burford (KIRO reporter) on time of seismic events (copy of KIRO tape)
425	8-8-80	KATU	24	854-1879	Mount St. Helens: View into crater from crater rim; good shot of inner crater; fumaroles along south floor of outer crater; blocky dacite on floor of inner crater; pyroclastic flow deposits; north shore Spirit Lake; debris flow hummocks
426	8-8-80	KATU	24	1879-2848	Mount St. Helens: View into crater from above; steaming inner crater; fumaroles on outer crater floor; walls of outer crater; ash eruption begins and forms mushroom-shaped cloud to about 12,000 feet (fairly spectacular)
427	8-8-80	KOIN	11	0-97	Mount St. Helens: Steaming inner crater
428	8-9-80	KGW	7	2122-2935	Mount St. Helens: Crater close-ups; steam vents; inner crater (smooth crater floor, no apparent radial cracks). Spirit Lake area: Area filled with log debris; phreatic eruption craters on south shore

Segment no.	Date	Station	Tape no.	Counter no.	Description
429	8-10-80	KIRO	11	3924-5055	Mount St. Helens and surrounding landscape; Spirit Lake; ash from crater blowing in wind; small dome in crater
430	8-20-80	KOIN	11	97-290	Mount St. Helens: Steaming inner crater; smooth crater floor
431	8-20-80	KOIN	11	290-471	South and North Forks Toutle River: Debris dam construction
432	8-25-80	KIRO	12	1511-2369	Flight to Mount St. Helens over debris flow, Spirit Lake, Harry's Ridge, pumice plain and into crater; close-up of inner crater with small dome in bottom; pan of amphitheater walls, sulfurous sublimates stain crater floor, fumaroles, glacier/edifice interface
433	8-27-80	KOIN	11	1161-1652	Toutle River: Flood, logs, and debris moving downstream, flood front, damage to debris dam, breached pond on debris flow that caused flood
434	Fall, 1980?	KOIN	4	1431-1526	Mount St. Helens from the east at sunset; steam cloud and edifice are backlit
435	9-4?-80	KIRO	12	2369-2864	Mount St. Helens from the north showing evidence of erosion of "The Steps"; various views of Mount St. Helens from distance
436	9-4-80	KGW	7	2937-5314	North Fork Toutle River valley: Seeding operations on debris flow
437	9-4-80	KING	14	3203-3321	North Fork Toutle River: Seeding operations
438	9-4-80	KOIN	11	471-609	Installation of monitoring instrument tower near Mount St. Helens
439	9-8-80	KIRO	12	2864-4313	Mount St. Helens: Flight into crater, close-up of inner crater, fumarole activity along base of south crater wall. Spirit Lake and blast zone from vicinity of Mount St. Helens; small lake and ridges north of Mount St. Helens showing blowdown and revegetation
440	9-8-80	KIRO	12	4313-4767	Pyroclastic flow deposits and craters on pumice plain (aerial view); pyroclastic flow deposits (ground view)

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441	9-8-80	KIRO	13	0-891	Pyroclastic flow deposits (both close-ups on ground and aerial view); Tony Irving (University of Washington) collects samples; levees and lobes in pyroclastic flow deposits; close-ups of pumice; interview with Tony Irving about flows, high points on debris flow deposits protruding through pumice plain, and inactive rootless fumarole craters
442	9-26-80	KIRO	13	891-1586	Pyroclastic flow and debris flow deposits, and inactive rootless fumarole craters; A. B. Adams (University of Washington) and Brooks Burford (KIRO reporter) inspect revegetation in blast zone, native plant varieties growing in ash
443	9-30-80	KOIN	11	609-1161	Cowlitz River: Dredging operations
444	9-30-80	KOIN	11	1652-2013	North Fork Toutle River: Excavation of drainage channel for ponded water on debris flow; debris flow surface
445	10-?-80	KING	16	3789-3871	Mount St. Helens: Aerial view of crater and October dome
446	10-?-80	KGW	8	3872-4162	Mount St. Helens: Crater (no dome)
447	10-4-80	KGW	8	1-1074	Mount St. Helens: Views from the northeast side; downed trees; close-up of crater with steam; signs of revegetation. Interview with Gene Pierson (Portland State University) about Mount St. Helens activity
448	10-9-80	KGW	8	1074-2587	Mount St. Helens: Views from the northeast side; close-ups of crater steam plume. Over Spirit Lake; surrounding areas; phreatic craters; wind-driven ash on pumice plane; debris dam on the South Fork Toutle River, sediment-filled river
449	10-11-80	KIRO	13	1586-2193	Mount St. Helens; Spirit Lake and surrounding area (hazy, and from distance)
450	10-17-80	KATU	24	4228-4621	Mount St. Helens: Morning eruption; pyroclastic flow visible on north slope (from a great distance)
451	10-17-80	KATU	25	0-279	Mount St. Helens: Eruption and pyroclastic flow, taken from Harry's Ridge, by U.S. Federal Emergency Management Administration remote camera

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452	10-17-80	KIRO	13	2193-4295	Mount St. Helens: View of inner crater while eruption is in progress; pyroclastic flow in progress; recent pyroclastic flow deposits with lobate and leved morphology
453	10-17-80	KOIN	11	2013-2170	Mount St. Helens: View into crater; steaming inner crater; pyroclastic flow deposits on north flank of mountain; good shot into inner crater
454	10-17-80	KOIN	17	2775-3585	Mount St. Helens: Eruption and pyroclastic flow, taken from Harry's Ridge, by U.S. Geological Survey camera; pyroclastic flow develops and dissipates
455	10-17-80	KOIN	17	3585-3867	Mount St. Helens: Eruption, from west; pyroclastic flow and plume (copy of KIRO tape)
456	10-17-80	KATU	24	2848-4228	Mount St. Helens: View into crater; recent pyroclastic flow deposits; Spirit Lake
457	10-18-80	KATU	25	279-954	Mount St. Helens: Eruption, as recorded from Harry's Ridge, by U.S. Forest Service remote camera
458	10-18-80	KATU	25	954-1940	Mount St. Helens: Eruption, as recorded from Harry's Ridge, by U.S. Forest Service remote camera
459	10-18-80	KING	15	127-738	Mount St. Helens: First eruption (aerial view)
460	10-18-80	KING	14	3321-5100	Mount St. Helens: Eruption (aerial view); view into crater; pyroclastic flow deposits
461	10-18-80	KIRO	13	4295-4861	Mount St. Helens: Upper portion of edifice with dissipating plume, from distance of several miles
462	10-18-80	KIRO	14	0-470	Mount St. Helens: From the north side, with dissipating ash cloud; very recent pyroclastic flow deposits on north flank
463	10-18-80	KIRO	14	470-1190	Mount St. Helens: Late afternoon/early evening view, from beyond Harry's Ridge; camera zoom into crater; dome visible and shrouded in steam; with increasing darkness, glow on dome is apparent
464	10-18-80	KIRO	14	1190-1375	Mount St. Helens: Afternoon view, with dissipating ash cloud. Live report by Brooks Burford (KIRO reporter)

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465	10-18-80	KATU	25	1940-2555	Mount St. Helens: View into crater from from north at sunset; steaming crater; recent pyroclastic flow deposits; Spirit Lake; pumice plain; earlier pyroclastic flow deposits; dome growth with calving of side of dome exposing glowing rock
466	10-18-80	KING	15	0-127	Mount St. Helens: Aerial view of crater; pyroclastic flow deposits
467	post- 10-18-80	KGW	8	2590-3871	Mount St. Helens: Crater with steam plume; October pyroclastic flow deposits; surrounding foothills; North Fork Toutle River with debris flows. Interview with Marvin Beeson (Portland State University)
468	10-19-80	KATU	25	2555-3467	Mount St. Helens: View of dome in inner crater from outer crater rim; fumaroles on crater floor; helicopter on crater floor near dome for scale
469	10-19-80	KATU	25	3467-5028	Mount St. Helens: View from the west, and view of dome from crater rim; view from northeast shore of Spirit Lake; flight into crater for view of dome, close-up of spreading center of dome
470	10-19-80	KIRO	14	1375-1875	Mount St. Helens: Morning view into crater, and of large muffin-shaped dome emplaced the previous night; good views of all sides of dome; pyroclastic flow deposits
471	10-19-80	KGW	9	1-540	Mount St. Helens: Close-ups of mountain side; crater partially obscured by steam
472	10-19-80	KGW	9	541-2245	Mount St. Helens: View from crater rim; Spirit Lake; steam plume; dome; discussion of dome building
473	10-22-80	KOIN	11	2170-2307	Columbia River: Dredging
474	11-24-80	KIRO	14	1875-2618	Various views of Mount St. Helens and surrounding area; snow covering edifice and surrounding hills; inner crater and dome shrouded in steam
475	11-24-80	KIRO	14	2618-2752	Debris flow surface showing results of re-seeding efforts
476	11-26-80	KIRO	14	2752-3249	Mount St. Helens from near head of South Fork Toutle River; lower flanks of Mount St. Helens; inner crater and dome

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477	11-26-80	KOIN	11	2307-2585	North Fork Toutle River: Debris dam
478	12-7-80	KING	15	1076-2624	North Fork Toutle River: Snow-covered debris flow deposits; debris dam. South Fork Toutle River: Snow-covered mudflow deposits
479	12-7-80	KING	15	738-1076	South Fork Toutle River: Elk herd; mudflow deposits; debris dam
480	12-17-80	KOIN	11	2377-2724	Mount St. Helens: Dome in crater
481	12-26-80	KIRO	14	3249-3602	North Fork Toutle River: Winter high water eroding the Spirit Lake Highway; damaged debris dam; Mount St. Helens from distance
482	12-27-80	KOIN	11	2585-2677	North Fork Toutle River: Elk herd on debris flow
483	12-28-80	KGW	8	4404-4547	Composite of volcanic activity; discussion of instrument monitoring (news report)
484	12-28-80	KATU	26	0-1009	Mount St. Helens: Aerial view of dome and spine; steaming radial cracks; ephemeral lake; Don Swanson (U.S. Geological Survey) on floor of crater near steaming gully; various views of crater floor with steaming fumaroles, of crater walls, of laser on Harry's Ridge, of dome, of radial cracks, of spine, etc.; liftoff and flight around dome, glowing cracks are visible in dome
485	12-28-80	KATU	26	2098-2840	Mount St. Helens: Dome and spine, radial cracks, ephemeral lake on crater floor; Mount St. Helens from the north. Comments by Paul Hansen (KATU reporter)
486	12-28-80	KING	15	2624-4009	Mount St. Helens: Crater during quiet dome building eruption; good shot of spine, steaming radial cracks, dome, ephemeral lake on crater floor; Spirit Lake and June 12 pyroclastic flow deposits
487	12-28-80	KIRO	14	3602-5003	Mount St. Helens: Crater, dome, spine, ephemeral lake on crater floor, steaming radial cracks
488	12-28-80	KIRO	15	0-128	Mount St. Helens: Dome, spine, radial cracks
489	12-28-80	KGW	8	4163-4403	Mount St. Helens: Inside the crater; spine.

Segment no.	Date	Station	Tape no.	Counter no.	Description
490	12-29-80	KATU	26	1009-1864	Mount St. Helens: Flight near north side of crater; steaming fumaroles on rampart; steaming gullies; pyroclastic flow deposits; crater obscured by clouds; pumice plain at base of mountain where pyroclastic flow deposits have been reworked by winter erosion. Toutle River valley from vicinity of Coldwater Creek; debris flow surface; Coldwater Lake
491	12-29-80	KATU	26	2840-4508	North Fork Toutle River: U.S. Army Corps of Engineers debris dam, and the damage done to it by the river; flood damage along the downstream stretches of the Toutle River
492	12-29-80	KATU	26	1864-2098	Interview with Chris Newhall (U.S. Geological Survey) about the dome, eruption prediction, earthquakes
493	12-31-80	KIRO	15	128-853	Mount St. Helens: Dome; ephemeral lake; radial cracks; fumaroles, etc.
494	12-31-80	KING	15	4009-4303	Mount St. Helens: Close-up of dome and radial cracks. Interview with Chris Newhall (U.S. Geological Survey)
495	1-?-81	KING	14	1301-2441	North Fork Toutle River debris dam, gaping hole in washed out spillway; flight over reseeded portion of debris avalanche deposits; flight upriver to Mount St. Helens, view into crater, steaming radial cracks, dome
496	1-5-81	KIRO	15	853-1468	Mount St. Helens: Brooks Burford (KIRO reporter) and Tony Irving (University of Washington) collecting samples from pumice plain; Mount St. Helens flanks and inner crater, dome, thrust faults in crater floor, radial cracks, extrusion cracks in dome, extensive sulfur staining, erosion rills and canyons on flanks. Mount St. Helens from the southwest from distance
497	1-15-81	KOIN	11	2754-3213	South Fork Toutle River: Dredging and construction operations on the debris dam
498	1-16-81	KGW	9	2245-3578	Mount St. Helens crater, with steam plume; debris in Spirit Lake; morphologic features of Mount St. Helens, steps and ramparts; dome; fumaroles in crater floor; debris flow; logging operations in the Toutle River valley

Segment no.	Date	Station	Tape no.	Counter no.	Description
499	2-1-81	KIRO	15	1468-2673	Mount St. Helens: Crater with steaming dome; whirlwind whips steam from fumarole rather spectacularly; snow on December lobe; radial cracks. Flight over snow-covered shores of Spirit Lake; elk herd on debris flow surface
500	2-2-81	KATU	27	0-491	Mount St. Helens: Crater; dome; radial cracks; ephemeral lake; possible fresh tephra deposits near northeastern edge of dome. Spirit Lake; foothills in blast zone
501	2-3-81	KATU	27	491-674	Mount St. Helens: Dome; crater; radial cracks
502	2-4-81	KOIN	11	3213-3548	Green River drainage: Blown down timber salvage operations
503	2-4-81	KOIN	11	3548-3669	North Fork Toutle River area
504	2-5-81	KOIN	17	3867-4742	Mount St. Helens: From south with large steam plume; flight around east side and into crater from the north; dome shrouded in steam
505	2-5-81	KOIN	19	4432-5246	Mount St. Helens: With backlit steam cloud
506	2-5-81	KOIN	20	0-471	Mount St. Helens: With large, backlit steam plume, at sunset
507	2-5-81	KIRO	15	2673-4070	Mount St. Helens: Steam-filled crater; extensive steaming obscures dome; scenic sunset view of plumes
508	2-6-81	KIRO	15	4070-5168	Mount St. Helens: Crater; steam partly obscures dome; a few good close-ups of dome
509	2-6-81	KOIN	9	0-145	Mount St. Helens from north: View into crater; dome surrounded by moderate fumarolic activity. Outtakes by reporter Christy Mueller (KOIN) regarding dome building
510	2-6-81	KOIN	18	3286-5025	Mount St. Helens: Steaming dome; debris flow deposits and pumice plain viewed from Mount St. Helens
511	2-6-81	KATU	27	674-1444	Mount St. Helens: Dome, crater, radial cracks, sulfur deposits, thrust faults, glowing cracks in dome, rockfalls from growing dome

Segment no.	Date	Station	Tape no.	Counter no.	Description
512	2-19-81	KOIN	15	2296-2715	Bailey Bridge on Toutle River endangered by erosion
513	Spring, 1981?	KIRO	12	0-653	Coldwater Lake from air and ground. Interview with Lee Fairchild (University of Washington). Debris flow surface near Coldwater Lake
514	3-2-81	KIRO	16	0-538	Mount St. Helens: Aerial view of helicopter salvage operations of downed helicopter; dome
515	3-6-81	KOIN	11	3669-4079	Weyerhaeuser tree planting in ash-covered area
516	3-10-81	KIRO	16	539-1358	Mount St. Helens: Crater walls, fumarolic activity on crater floor; Brooks Burford (KIRO reporter) interviews Tony Irving (University of Washington) about xenoliths; good close-ups of fumaroles and craters; Irving measures temperature of fumarole
517	3-26-81	KIRO	16	1358-2339	Interview with Don Peterson (U.S. Geological Survey) about geochemistry of Mount St. Helens. Interview with Chris Newhall (U.S. Geological Survey) about volcanic hazards
518	3-26-81	KOIN	11	4079-5091	View of Mount St. Helens through bar window at Silver Lake; tourists in souvenir shop; souvenirs; tour bus
519	3-27-81	KOIN	18	1922-3286	Mount St. Helens: Dome; pumice field; fumaroles (outtakes for KOIN helicopter promos, and for a one-year-after program)
520	3-27-81	KOIN	18	575-889	Mount St. Helens: Helicopter flight into crater; good close-ups of dome and crater floor
521	3-21-81	KOIN	18	889-1922	Flight over south shore of Spirit Lake; low flight over debris and pyroclastic flow deposits; interview with Norm MacLeod (U.S. Geological Survey) about pyroclastic flow deposits; close-ups of erosion gullies in pyroclastic flow deposits; steam emissions from pyroclastic flow deposits; view of dome from pumice field
522	Spring, 1981?	KGW	3	817-1939	Views from the northwest (Elk Rock area): Details of debris flow area; timber blow down; mudflows (good detail, close-ups of devastation)

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523	4-?-81	KGW	10	584-1826	Mount St. Helens: Dome (good close-ups); shows April lobe
524	4-10-81	KIRO	16	2339-3235	Debris flow surface; pumice plain; (Mount St. Helens not visible due to cloud cover); flight over most of debris flow surface during period of high erosion
525	4-10-81	KGW	10	1-421	Mount St. Helens: Steam plume from April dome building eruption as seen from above cloud bank; news report on volcanic activity; seismographic records of earthquake; interview with Marvin Beeson (Portland State University), and with U.S. Geological Survey personnel
526	4-12-81	KOIN	18	0-575	Mount St. Helens: Views into crater; glowing cracks in dome
527	4-12-81	KOIN	17	4752-5150	Mount St. Helens: Seen from distance, partly obscured by clouds
528	4-12-81	KOIN	10	3761-4380	Mount St. Helens: April dome with snow on older parts of dome. Spirit Lake; Harry's Ridge; edifice and dome from Harry's Ridge
529	4-12-81	KIRO	16	3235-3899	Mount St. Helens: Crater; dome; snow covers everything but dome; small glowing area on dome
530	4-13-81	KATU	27	1444-2637	Mount St. Helens: Black and white infrared of mountain and dome
531	4-13-81	KIRO	16	3899-4934	Mount St. Helens: Flanks; close-ups of crater and dome
532	4-16-81	KATU	27	3638-5176	Mount St. Helens: Recovery of downed U.S. Geological Survey helicopter in crater; steaming crater floor
533	4-16-81	KOIN	10	4380-4937	Mount St. Helens: Recovery of downed U.S. Geological Survey helicopter in crater
534	4-16-81	KATU	27	2637-3638	Spirit Lake; Harry's Ridge; view from ground of debris flow features, pumice ponds, buried logs, close-up of steaming fumarole in pumice pond wall; flight into crater and view of downed U.S. Geological Survey helicopter
535	4-30-81	KING	16	757-1330	Coldwater Lake and other parts of the blast area; blown down trees; ash-covered slopes; gullyng; singe zone

Segment no.	Date	Station	Tape no.	Counter no.	Description
536	4-30-81	KING	16	1978-3007	Mudflow damaged house; interview with botanist about tree damage due to the mudflows, and discussion of tree regeneration; general shots of mudflow damage along the Toutle River; discussion of ash thickness and properties of ash
537	4-30-81	KING	16	1330-1978	Interview with botanist about tree recovery from ash fall and mudflow deposit damage, with close-ups of foliage and tree ring cores
538	5-12-81	KOIN	12	0-239	Mount St. Helens: Crater and dome
539	5-12-81	KOIN	10	4937-end	Mount St. Helens: Crater and dome
540	5-16-81	KING	14	338-936	Mount St. Helens: Crater, dome, fumaroles, crater walls. Spirit Lake: Debris deposits and siltation in northwest arm, overview of shoreline
541	5-16-81	KING	14	936-1301	Mike Korosec (Washington Department of Natural Resources) and Jeff Renner (KING reporter) in blowdown area; close-up of ash deposited near Trade Dollar Lake; evidence presented for cryptodome
542	6-?-81	KIRO	6	402-5103	Mount St. Helens crater and dome after the June 1981 eruption; Spirit Lake; Brooks Burford (KIRO reporter) interviews U.S. Geological Survey scientists in the crater as they repair damaged tiltmeters and other equipment; some good close-ups of radial cracks, dacite boulders, etc.; occasional rockfalls from dome and crater walls
543	6-23-81	KATU	28	0-1102	Mount St. Helens: Edifice; dome; crater at sunset
544	6-24-81	KGW	9	3483-5301	Mount St. Helens: Crater; dome, showing the various lobes especially the June lobe; radial cracks; surface details on ramp
545	5-24-81	KOIN	19	1834-4432	Mount St. Helens: Edifice, mountain and dome (wide angle aerial views, then zoom into dome); Spirit Lake, pumice plain, dome close-ups, fumaroles. Good views of Spirit Lake and surrounding devastated zone

Segment no.	Date	Station	Tape no.	Counter no.	Description
546	7-23-81	KOIN	19	145-460	Mount St. Helens: View into crater showing April and June lobes of dome; erosion and deformation features in crater floor
547	7-23-81	KOIN	19	460-868	Interview with U.S. Forest Service scientist regarding biological studies being conducted at Mount St. Helens (filmed at U.S. Forest Service station)
548	8-2-81	KOIN	20	471-706	Seismograph during steam venting
549	8-6-81	KOIN	12	239-593	Coldwater Lake: Drainage channel excavation
550	8-24-81	KOIN	19	868-1834	Interview with scientist servicing theodolite equipment near Mount St. Helens; interview with scientist regarding biological survey techniques
551	9-6-81	KOIN	20	706-1942	Mount St. Helens: Crater and dome; fumes or haze in crater cause low contrast lighting
552	9-6-81	KOIN	22	265-1589	Mount St. Helens: Dome, Spirit Lake, crater walls (multiple passes around crater)
553	9-7-81	KOIN	20	1942-3422	Mount St. Helens: Helicopter approach from the south, flight around east into crater, close-ups of dome and crater floor, hot rockfall from new lobe
554	10-24-81	KIRO	18	702-1535	Mount St. Helens: Crater, dome, crater walls, fissures in dome, new lobe
555	10-25-81	KOIN	21	1284-1797	Mount St. Helens: Flight from the north, into crater, steaming dome, multiple passes around dome with views of boulder-strewn crater floor, crater walls, fumaroles, etc. (copy of KIRO tape)
556	10-31-81	KIRO	18	1535-2813	Mount St. Helens and surrounding area; stationary shots of Mount St. Helens from Harry's Ridge
557	10-31-81	KIRO	18	2813-3380	Mount St. Helens: Inside crater, on ground and from air; extensive fumarolic activity; small rockfall
558	10-31-81	KOIN	22	0-265	Mount St. Helens: U.S. Geological Survey scientists on floor of crater; flight around dome; debris flow deposits and pumice plain near south shore of Spirit Lake

Segment no.	Date	Station	Tape no.	Counter no.	Description
559	10-31-81	KOIN	21	1797-3470	Flight around Spirit Lake and Harry's Ridge; U.S. Geological Survey personnel manning equipment at Harry's Ridge; scientist interviewed; view into crater
560	10-31-81	KOIN	21	3470-4991	Mount St. Helens: From the south; flight into crater; multiple passes around dome; rockfalls from dome; close-ups of steaming crater floor
561	11-2-81	KATU	28	1102-1795	Mount St. Helens: Inside crater on ground; dome; Don Peterson and Don Swanson (both U.S. Geological Survey), making deformation measurements; rockfalls from dome
562	3-?-82	KIRO	21	486-823	Ash-covered snow northeast of Mount St. Helens
563	3-6-82	KATU	28	1795-1876	Mount St. Helens and Spirit Lake; commentary by Tim Stores (KATU reporter)
564	3-15-82	KIRO	19	1125-1329	Mount St. Helens as seen from Harry's Ridge; Don Swanson (U.S. Geological Survey) using rangefinder
565	3-15-82	KIRO	19	0-1125	Mount St. Helens: Scientists in snow-covered crater taking measurements of dome; close-ups of fumarolic activity
566	3-15-82	KIRO	19	1329-1399	North Fork Toutle River: Debris flow, evidence of channel widening
567	3-19-82	KIRO	18	3380-4922	Mount St. Helens: Sunrise view into snow-covered crater; much of dome is covered with snow or obscured by steam; pan of Spirit Lake; view of crater and dome from north
568	3-19-82	KIRO	19	1399-2431	Eroded pumice plain; stream-cut walls emit steam; flight over snow-covered terrain and snow-free pumice plain; steam-shrouded dome; debris flow deposits show evidence of extensive erosion
569	3-20-82	KIRO	20	0-1992	Mount St. Helens: Crater; dome with new lobe; icefall from inner walls of crater; mudflow deposits on crater floor and pumice plain; ash on crater walls; fresh pumice; ash on snow
570	3-21-82	KIRO	20	3617-4937	Mount St. Helens: Mudflow deposits on pumice plain; ash-covered snow on flanks and foothills

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571	3-22-82	KIRO	20	1992-3617	Mount St. Helens (9:00 a.m.): Crater and steam-shrouded dome; mudflow deposits on crater floor and pumice plain; debris flow surface with evidence of new mudflow deposits; damage from the March 19, 1982 mudflow at debris dam on North Fork Toutle River
572	3-22-82	KIRO	21	0-486	Mount St. Helens: Crater; steaming dome and fumaroles; mudflow scars; impact craters in snow caused by ejecta from eruption on March 19, 1982
573	3-22-82	KIRO	19	4212-4927	Mount St. Helens: Recent mudflow deposits on flanks and on pumice plain
574	3-22-82	KIRO	19	2431-4212	Mount St. Helens: Snow-covered crater floor, with steam-shrouded dome; both aerial and ground views; interview with Don Swanson (U.S. Geological Survey), on crater floor, about deformation; close-ups of fumaroles and sulfur sublimates
575	3-24-82	KIRO	21	2197-2387	Infrared film of new dome and mudflow deposits, narrated by Christy Miller (CBS News) and Thom Corcoran (U.S. Geological Survey)
576	3-25-82	KATU	28	1876-1965	Mount St. Helens: Dome, crater, impact craters; comments by Tom Benson (Portland State University) and Roger Gadley (KATU reporter)
577	4-6-82	KIRO	21	823-2197	Mount St. Helens: New dome, small rockfalls off new dome
578	5-2-82	KIRO	18	0-702	Mount St. Helens: Crater and dome
579	5-14-82	KATU	29	1363-2068	Mount St. Helens: Steam venting, seen from distance; crater; dome; rockfall from dome
580	5-14-82	KATU	29	0-1363	Mount St. Helens: Crater and dome, from air, rockfall from dome; on ground in devastated zone, pickup truck damaged by May 18, 1980 blast; blowdown
581	5-14-82	KATU	28	3706-4709	Devastated area from air and on ground: Spring runoff, new vegetation, shattered stumps
582	5-14-82	KATU	28	1965-3188	Mount St. Helens: Dusk flight, dome, glowing cracks
583	5-14-82	KATU	28	3188-3445	Mount St. Helens: Night flight, glowing cracks in dome, glowing rockfall

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584	5-15-82	KATU	29	2068-3633	Mount St. Helens: Crater, dome, rockfall from dome, fumaroles
585	5-15-82	KATU	29	3633-5140	Mount St. Helens: Crater, dome, rockfall from dome, crater walls; Toutle River at Kid Valley
586	5-18-82	KATU	31	30-120	News report of impending eruption; dome; interview with U.S. Geological Survey personnel
587	5-18-82	KATU	31	1115-1435	Mount St. Helens: Aerial view of flanks, crater
588	5-18-82	KATU	31	120-774	Mount St. Helens: Steam plume
589	5-18-82	KATU	31	774-858	Mount St. Helens: Steam plume
590	5-18-82	KATU	31	858-1115	Mount St. Helens: Steam plume
591	1906	KOIN	12	593-654	San Francisco, California: Scenes from the 1906 earthquake
592	--	KGW	7	1-2121	Mount Lassen, California: Scenic views, visitor's area, hot springs (includes many out-takes for the special "Living with the Mountain")
593	--	KOIN	3	4413-end	Kilauea Iki Volcano, Hawaii: U.S. Geological Survey film of eruption
594	--	KOIN	4	0-1370	Kilauea Iki Volcano, Hawaii: U.S. Geological Survey film of eruption
595	Uncertain	KATU	31	0-30	Mount St. Helens: Time-lapse
596	--	KGW	1	1252-1343	Mount St. Helens: Composite of major volcanic events (Schludwiller beer commercial)
597	--	KGW	1	1350-3725	"Living with the Mountain": Comparison of Mount St. Helens with the eruption of Mount Lassen, California 1914-1917. Impacts of Mount St. Helens on the environment, on agriculture, on economics, on health
598	Uncertain	KOIN	4	1580-1618	Seismograph
599	Uncertain	KOIN	9	910-1014	U.S. National Aeronautics and Space Administration U-2 plane taking off for Mount St. Helens, with two quick views of the mountain

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600	Uncertain	KING	16	612-717	(Audio only): Interview with scientist, by Jeff Renner (KING reporter) with interpretation of present activity at Mount St. Helens
601	Uncertain	KATU	28	3445-3706	Mount St. Helens: From ground in crater, steam plume whirlwind making tall chimney above dome
602	Uncertain	KING	16	0-612	Mount St. Helens: On ground inside crater, radial cracks, close-ups showing sulfurous mineral deposits, vigorous steam vents, dome, bread-crust boulders

