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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

FILE NO. 207-02.3

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SUPERINTENDENT'S MONTHLY REPORT

JULY 1948

IMPORTANT

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NEWTON B. DRURY,
Director.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK.
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

Summary of the July 1948 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

		<u>Page</u>
<u>WEATHER:</u>	Near normal temperatures and below normal precipitation. Maximum 85°, minimum 52°. Occasional snow higher elevations.	1
<u>SPECIAL ACTIVITIES:</u>	Superintendent to Teton with Director Drury and to Helena with Director where met with Governor Ford re. Red Lodge road, etc. Superintendent to Teton and attended dedication Jackson Hole Wildlife Park. Started using PBA teletype at Helena. Six-day week started July 10 for construction wage board employees. 6% retirement deduction effective July 11. \$330 pay increase effective July 11 for classified employees. New wage board rates effective July 25.	1
	Local C. S. Board gave Stenographer-Typist exam. to 11.	2
<u>IN-SERVICE TRAINING:</u>	1003 man-hours in-service training conducted by Protection Division.	2
<u>INSPECTIONS:</u>	Newton B. Drury, Victor O. Sandberg, Arthur B. Alloy, C. T. Wright, Samuel M. Dodd, John D. Coffman, Frank W. Childs, Bernard Frank, Austin Helmers, Martin Bandendistel, Michael W. Straus, David Canfield, James C. Evenden, Jack S. Barrows, Hugh Miller, William F. McCandless, John C. Gynn, Lawrence C. Merriam, Chris Mullady, C. G. Hook, E. H. Cowan, Clyde Learned, B. W. Matteson, A. V. Williamson, William E. Warne, Conrad L. Wirth, party of 12 from Reclamation Service meeting at Riverton, Wyoming, in with Warne and Wirth, and Supt. and Mrs. Edward S. Luce, visit park.	2
<u>PLANS, MAPS AND SURVEYS:</u>	Considerable time by Mattson in drafting room, included sketches for West Thumb development and topographic map work.	2
<u>GENERAL PUBLICITY:</u>	Story to Associated Press regarding breaking out of steam vent in highway at Norris. 41,000 broadsides on hand.	3
<u>COMPLAINTS:</u>	Nine letters of complaint received.	3

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OF THE SUPERINTENDENT

Summary of the July 1944 Wildlife Survey Report
July 1944 to July 1945

Four forest ranger stations and one animal control station
located in the park. Station 1, located in the
northwest corner of the park.

Investigation of the park with reference to the
forest ranger stations and animal control station.
The first station was located in the northwest
corner of the park. The second station was
located in the northeast corner of the park.
The third station was located in the south
west corner of the park. The fourth station
was located in the south east corner of the
park. The fifth station was located in the
center of the park.

Local 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 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1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 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2179, 2180, 2181, 2182, 2183, 21

MAINTENANCE:

Most roads in fair shape. Much patching and corduroy graded. 3 miles east entrance reprocessed and 1 mile Gallatin reprocessed and sealed. 5 bridges Firehole Loop redecked. 2000 feet guide post with reflector buttons installed. Canyon cutoff and south approach rough and dusty but being maintained. Oiling crew moving to south approach road. Some small trees removed along road shoulders. Two geysers which broke out in road capped and steam-vented aside. 66 trees blown across roads removed. Red Lodge road fair shape; some stabilizing, rip-rapping and rock-retaining wall work done; two snowstorms, one temporarily closed road. 12 road crews working, and special crew on guard rail and bridge repairs and crew on trail repair. Work on view platforms and wooden stairs at Canyon.

3

Two new Galion graders received; three old ones needing repair. 2 road crews called for fire duty for short time.

4

NEW CONSTRUCTION:

Award recommended Peter Kiewit Sons' Co. for chip seal coating 38 miles Mammoth to O.F. Cost over engineers' estimate will leave park short on maintenance and necessitate closing some camps early. Contractor McLaughlin making good progress south approach road. New bids to be opened on Project 1-F3, G4 (Canyon). Mammoth residences Projects 431 and 432 being completed. Prefabricated wooden walks being installed at O. F.

4

CONCESSIONERS:

Rates approved for Pryor Stores and for Yellowstone Park Company bars.

4

INTERPRETIVE SERVICES:

Chief Park Naturalist gave special talks with motion pictures at Mammoth, F. B. and O. F. Junior Nature Program proving popular.

4

MUSEUM ACTIVITIES AND EXHIBITS:

All 5 museums open long hours and well attended. O.F. amphitheatre completed and used to capacity. Wiring work done in amphitheatres at O.F. and F.B. Plate glass received for museum cases.

5

RESEARCH AND OBSERVATIONS:

John McMillan, Research Collaborator, continued work on moose. Trips to Specimen Ridge and Monument Geyser Basin. Wayne Replogle continued research work on Bannock Trail. Observations of Richardson grouse family, swan and lost fawn. Steam vent in road at Norris.

5

Steam vent in highway near Nymph Lake. Changes in activity of Mammoth Hot Springs. Fire found in sulphur bed near Mammoth. Emerald spring erupted and Rainbow Pool active. Wild flower display outstanding.

6

Local roads in fair shape. Much patching and cordoning graded. 3 miles east entrance repaved and 1 mile Collins repaved and sealed. 2 bridges repaired. 2000 foot guide post with reflector buttons installed. Canyon cutoff and south approach rough and dusty but being maintained. Grading now moving to south approach road. Some small trees removed along road shoulders. Two guano piles removed and in road capped and steam-venter added. 60 acres blown across road removed. Red road fair shape some stabilizing, rip-rapping and rock-retaining wall work done; two waterfalls, one temporarily closed today. 15 road crews working, and special crew on guard rail and bridge repairs and crew on steel repairs. Work on view platforms and wooden stairs at canyon.

Two new Galton graders received; three old ones needed repairs. 2 road crews called for duty for short time.

Hand recommended Peter Kawa's home, 90. For ship sailing 30 miles from 0.7. Coast over engineering estimate will leave part about on maintenance and necessities along some ways early. Governor for McLaughlin making good progress south approach road. New idea to be opened on Project 1-75. 40 (Canyon). Mammoth residents Project 151 and 152 being completed. Preferred wooden walks being installed at 0.7.

Notes approved for Fryer stores and for alterations. Park company here.

Chief Park Naturalist gave special talks with motion pictures at Mammoth, 0.7, and 0.7. Junior Naturalist Program moving regular.

All 5 museum open long hours and well attended. Amphitheatre completed and used to capacity. Night work done in amphitheatre at 0.7 and P.H. House Glass received for museum cases.

John McMillan, Director of Collaboration, continued work on moose. Trip to Spelman Ridge and Mountain Geyser Basin. The Pacific continued research work on Mammoth Trail. Observations of Richardson Group family, seen and lost later. Steam vent in road at Norris.

Steam vent in highway near Knap Lake. Changes in activity of Mammoth Hot Springs. Five found in and four had near Mammoth. Several spring erupted and Rainbow Pool active. Wild flower display outstanding.

CONSTRUCTION

EXHIBITIONS

RECREATIVE AND VISITOR

MUSEUM ACTIVITIES AND EXHIBITS

RESEARCH AND OBSERVATIONS

NATURAL HISTORY
ASSOCIATION:

Mrs. Frank Wagner, librarian, on duty all month.
Two new books added to sales publications list:
"Bugs, Birds and Blizzards" by Harlow Mills and
"Yellowstone - It's Underworld" by Dr. C. Max Bauer.

6

INCREASE OR DE-
CREASE IN TRAVEL:

Increase of 3.5% for July and of 4.1% for season to
date, over previous year.

7

VISITORS:

Special visitors included Prof. Tracy I. Storer, Alfred
A. Knopf and Mrs. Knopf, Riley R. Zimmwalt, Douglas W.
Hartman, Congressman Norris Poulson, Congressman Franck
R. Havenner, Harry B. Homan, two groups of Outdoor
Editors sponsored by the Pacific Northwest Tourist Ass'n,
Vincent J. Schaefer, Governor Lester C. Hunt, Senator
Glen H. Taylor, Congressman Wesley A. D'Ewart, Congress-
man Lowell Stockman, Kullius Klein, Commodore F. K.
Kjolsen, Ursula A. Gross, Fred Hand, Rabbi I. Edward
Kiev, Governor Val Peterson, Major General Lewis A.
Pick, Major General Albert E. Brown, James G. Rogers,

7

RANGER SERVICE:

Regular protection duties increased with travel. Trail
and telephone line work. 32 seasonal rangers entered
on duty July 1. 3 permanent rangers assigned to Isle
Royale fire.

7

LAW ENFORCEMENT:

26 cases tried before U. S. Commissioner.

7

WILDLIFE AND FISH
CULTURAL ACTIVI-
TIES: BEARS:

4 injuries and 3 property damages by black bears. 2
killed. First-year cubs not numerous. Unusual depre-
dations and injuries by grizzlies at Old Faithful; 7
injuries and 6 damages. 3 killed and no further trouble.

8

BUFFALOES:

Few seen. Some herded from Lamar to prevent interfer-
ence with haying operations. Have broken hay bales.

8

COYOTES:

Two ear-tagged coyotes seen; unable to collect.

8

GROUND SQUIRRELS:

205 killed in Mammoth area.

8

TRUMPETER SWANS:

No general observations but 10 cygnets seen.

8

FISH CULTURE AND
FISH PLANTING:

Collection of blackspotted trout eggs by F&WL Service
slow with small number eggs taken. Much fish planting
completed but will not be done until late September or
early October.

9

FOREST FIRE PRO-
TECTION:

15 forest fires reported during month. Pre-suppression
crew completed maintenance work telephone lines to Snake
River and Mt. Sheridan lookouts and trails same areas.
Horseback trail work Mammoth district.

9

TRAILS:

Pack string taken to pasture, packer services termi-
nated and trail crew disbanded to individual districts.

9

Mr. Frank Wagner, historian, on duty all month.
Two new books added to action publication list:
"Barn, Birds and Bismarck" by Peter Ellis and
"Yellowstone - Its Wilderness" by Dr. J. Max Howell.

increase of \$3.50 for July and of \$1.10 for season to
date, over previous year.

Special visitors included Prof. Tracy L. Brown, Alfred
A. Knapp and Mrs. Knapp, Wiley R. Hummel, Douglas W.
Hartman, Congressman Willis Fontana, Congressman Thomas
E. Sawyer, Harry A. Norman, two groups of students
visitors sponsored by the Pacific Northwest Tourist Assn.,
Vincent J. Schaefer, Governor Lester G. Hunt, Governor
Glen H. Taylor, Congressman Wesley A. D. Smith, Congress-
man Lowell Grosham, Julius Klein, Congressman J. A.
Kjelson, Gracie A. Gross, Fred Lund, Robert L. Howard
Klav, Governor Val Peterson, Major General David A.
Pike, Major General Albert E. Brown, James G. Rogers,

Regular protection duties increased with travel. Trail
and telephone line work. 32 seasonal rangers entered
on duty July 1. 3 permanent rangers assigned to late
Royal Fire.
24 cases tried before U. S. Commissioner.

4 injuries and 3 property damages by black bears. 2
killed. First-year cub not successful. Unusual dam-
ages and injuries by grizzlies at Mt. Whitney. 7
injuries and 6 damages. 3 killed and no further trouble.

Two seen. Some banded from laser to prevent inter-
ference with laying operations. Have broken box before.

Two set-trapped coyotes seen; unable to collect.

505 killed in Mammoth area.

No general observations but 10 crows seen.

Collection of black-pigged trout eggs by Paul Service
also with small number eggs taken. Much fish planting
completed but will not be done until late September or
early October.

15 forest fires reported during month. Fire-suppression
crew completed maintenance work telephone lines to Snake
River and Mt. Shoshone lookout and trails some areas.
Horseback trail work Mammoth district.

Back eating taken to pasture, broken services termi-
nated and trail crew dispatched to individual districts.

WILSON HISTORY
ASSOCIATION

INCREASE ON US-
CHANGE IN TRAVEL

WILSON

WILSON SERVICE

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WILSON SERVICE

<u>WHITE PINE BLISTER RUST CONTROL:</u>	Work behind schedule due to large turnover of employees and mop-up at Mammoth larger than expected. Crew moved from Mammoth to Mt. Washburn on 16th. John Gynn and Clarence Chapman technical assistance.	Page 9
<u>FOREST INSECTS:</u>	James C. Evenden, Coeur d' Alene, Idaho, inspected. Determined extent bark beetle damage Mt. Washburn area, indicated normal endemic condition.	9
<u>BUILDING FIRE PRO- TECTION:</u>	Fire hazard inspections completed in concessioners' buildings. Many improvements accomplished. Sprinkler systems at Canyon Hotel and Old Faithful Inn completed and contract for system at Mammoth Hotel. Preparation of individual fire hazard inspection reports interrupted by Isle Royale fire.	10
<u>ACCIDENTS:</u>	49 automobile accidents during month, 1 resulting in serious injuries. 2 NPS employees rescued girl from Gardiner River.	10
<u>PERSONNEL:</u>	Loren L. Gale on duty as Statistical Clerk, CAF-3. James L. Collins appointed Clerk-Stenographer, CAF-4. All employees worked July 5 holiday. Chief Ranger LaNeue made trip to Rocky Mountain in connection with proposed promotion to Assistant Superintendent of that area. Frank T. Hirst promoted to District Park Ranger, CPC-9.	10
<u>DEATHS:</u>	Scott Thompson, Y. P. Co. employee, died. Mrs. Mary R. Klammer, early-day Yellowstone resident, died in San Diego, California.	10
<u>BIRTHS:</u>	Sons born to D'Orion Chews and Roy Sutherlands at Mammoth Hospital.	10
<u>MARRIAGES:</u>	William Boswell and Margaret Davis married in Mammoth Chapel.	11

WHITE PINE PLANT
JOINT COMMISSION

JOINT INVESTIGATION

BUILDING FIRE PRO-
TECTION

ACCIDENTS

PERSONNEL

DEATHS

MINING

REMARKS

work behind schedule due to large turnover of
employees and moving of Mammoth later than expected.
Crew moved from Mammoth to Mt. Washburn on 11th.
John Gray and Clarence Chapman, technical assistants.

James C. Swenson, owner of mine, informed.
Retained expert work parties from Mt. Washburn area.
Indicated normal outside conditions.

Fire hazard inspection completed in Mammoth.
Building, early improvements recommended. Sprinkler
systems at Canyon Hotel and Old Mammoth Hotel. Inspection
and contract for system at Mammoth Hotel. Inspection
of individual fire hazard inspection reports interpreted
by Miss Royce Fire.

10 automobile accidents during month, 1 resulting in
serious injuries. 2 NPS employees rescued from
Gardiner River.

10 James L. Dale on duty as Statistical Clerk, 10-1-3.
James L. Collins appointed Clerk-Typographer, 10-1-3.
All employees worked July 2 holiday. Chief Ranger
Lalson made trip to Rocky Mountain in connection with
proposed promotion to Assistant Superintendent of Forest
Service. Frank C. Silver presented to District Park Ranger,
10-1-3.

10 Scott Thompson, 10-1-3 employee, died. Mrs. Mary M.
Kinney, early-day Yellowstone resident, died in San Diego,
California.

10 Some born to D. Otis Chase and Roy Bettsland at Mammoth
Hospital.

11 William Howell and Margaret Lewis married in Mammoth
Chapel.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

ICE OF THE SUPERINTENDENT

August 5, 1948.

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of July 1948.

Weather Conditions. Near normal seasonal temperatures and below normal amounts of precipitation were recorded at Mammoth during the month of July. The total amount of precipitation recorded for the month was 0.87 inch as compared to the mean precipitation of 1.26 inches for the month of July. A maximum temperature of 85 degrees was recorded on July 10, and a minimum temperature of 52 degrees on July 28. Gale-like winds occurred on July 26 and 27 with prevailing winds from the southwest. Eight days of the month were clear, 22 partly cloudy and one day, cloudy. Snow fell on the higher elevations in the park during the month, on three occasions.

Special Activities. Superintendent Rogers accompanied Director Drury to Teton National Park on July 4. On July 6 he accompanied him to Helena and while there at a luncheon with Governor Ford discussed the Red Lodge-Cooke road and other matters with the Governor. On July 18 another trip was made to Grand Teton National Park where he spent the night with Superintendent McLaughlin. The following day they attended the dedication of the Jackson Hole Wildlife Park at Moran and returned to Mammoth that evening.

On July 5 the park started using the PBA teletype at Helena, for sending outgoing messages to various government agencies.

On July 10 all construction wage board employees were placed on a six-day week basis. This was necessary in order to retain many good employees and keep all of them better satisfied with working arrangements as well as to accomplish as much work as possible during the summer season when working conditions are favorable. However, the operation of a six-day week and the recent increase in construction wages will necessitate releasing many of the crews at an earlier date in the fall.

On July 11 a retirement deduction of 6% instead of 5% from the salaries of all employees under the Classification Act became effective.

A pay increase of \$330 per annum for all employees under the Classification Act became effective July 11 in accordance with Section 301 of the Act to Provide Pay Increases for Government Employees, which was approved July 3, 1948.

New wage board rates for maintenance and construction wage board employees became effective July 25 in accordance with Wage Board Schedules 6-48 and 7-48, respectively, approved July 23, 1948.

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK
YELLOWSTONE PARK, WYO.

OFFICE OF THE SUPERINTENDENT

REPORT FOR THE YEAR 1914

YELLOWSTONE NATIONAL PARK, WYO.

During the year 1914, the National Park Service has been engaged in a campaign of conservation and preservation of the natural resources of the park. This has been accomplished by the establishment of new national monuments and the enlargement of existing ones. The following is a list of the new national monuments established during the year 1914:

Special Collections. The National Park Service has been engaged in a campaign of conservation and preservation of the natural resources of the park. This has been accomplished by the establishment of new national monuments and the enlargement of existing ones. The following is a list of the new national monuments established during the year 1914:

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A new museum of 100,000 specimens of the flora and fauna of the park was established. This was accomplished by the establishment of new national monuments and the enlargement of existing ones. The following is a list of the new national monuments established during the year 1914:

New ways have been found for the preservation and conservation of the natural resources of the park. This has been accomplished by the establishment of new national monuments and the enlargement of existing ones. The following is a list of the new national monuments established during the year 1914:

On July 15 the Local Civil Service Board held an examination in the Canteen for Stenographer-Typist. Messrs. Joffe and Anderson conducted the examination and there were eleven contestants.

In-Service Training. A total of 1003 man hours of in-service training was conducted by Protection Division personnel during the month of July. This training fell into two categories, the regular training for the Protection Division personnel and the fire suppression training for road maintenance crews and other seasonal personnel. In the regular training, 563 man hours were spent with seasonal and permanent rangers in entrance station operations, fire weather observations, care and handling of livestock, law enforcement, fire lookout training, station routines, public relations, weaving of the uniform, trail maintenance, rules and regulations, investigations and compilation of reports. 440 man hours were spent in training seasonal personnel in the actual suppression of small fires and in the progressive step-up method of fire-line construction on large fires.

Inspections. Newton B. Drury, Director, NPS, in July 2, out July 6; Victor O. Sandberg, Regional Training and Safety Officer, Gallatin National Forest, in July 2; Arthur B. Alley, Finance Examiner, Secretary of Interior Office, Washington, D. C., in July 3, out 6; C. T. Wright, Sanitary Engineer Director, USPHS, Denver, in July 11, out 14; Samuel M. Dodd, Chief Budget Examiner, Bureau of Budget, Washington, D. C., in July 14, out 16; John D. Coffman, Chief Forester, NPS, in July 9, out 17; Frank W. Childs, Regional Forester, Region Two, in July 9, out 11; Bernard Frank, Division of Forest Influences, Washington, D. C., and Austin Helmers and Martin Bandendistel, Northern Rocky Mountain Experiment Station, Missoula, in July 18; Michael W. Straus, Commissioner, Bureau of Reclamation, in July 19, out 19; David Canfield, Superintendent, Rocky Mountain National Park, in July 17, out 20; James C. Evenden, Senior Entomologist, Bureau of Entomology and Plant Quarantine, Coeur d'Alone, Idaho, in and out July 22; Jack S. Barrows, Northern Rocky Mountain Forest and Range Experiment Station, USFS, Missoula, in July 21, out 24; Hugh Miller, Personnel Officer, NPS, in July 22, out 24; William F. McCandless, Assistant Chief, Estimates Division, Bureau of the Budget, Washington, D. C., in July 27, out 28; John C. Gynn, Blister Rust Control, Bureau of Entomology and Plant Quarantine, Spokane, Washington, in July 25, out 29; Lawrence C. Merriam, Regional Director, Region Two, in July 27; Chris Mullady, Regional Counsel, Region Two, in July 27, out 30; C. G. Hook, Senior Assistant Sanitarian, USPHS, in July 11, out 30; E. H. Cowan, Engineer, FRA, Denver, and Clyde Learned, Design Engineer, FRA, Denver, in July 29, out 30; E. W. Matteson, Division Engineer, and A. V. Williamson, Regional Engineer, FRA, Denver, in and out July 31; William E. Warne, Assistant Secretary of Interior, Conrad L. Wirth, Chief of Land and Reclamation Planning, NPS, and party of twelve from Reclamation Service meeting at Riverton, Wyoming, in July 31; Superintendent and Mrs. Edward S. Luce, of Custer Battlefield National Monument, in July 14.

Plans, Maps and Surveys. Considerable time was spent by Resident Landscape Architect Mattson in the drafting room. Four sketches were prepared for the development at West Thumb after preparing a map of the area with use of aerial photos. Material for the topographic map of the area is being prepared.

On July 12 the Local Civil Service Board held an examination in the London for stenographer-typist. Messrs. Joffe and Anderson conducted the examination and there were eleven contestants.

men hours were spent in training seasonal personnel in the actual suppression of small fires and in the progressive step-up method of fire-line construction on large fires.

and Mrs. Edward S. Lane, of Chester Wildlife National Monument, in July 1941.
from Recreation Service meeting at Silverton, Wyoming, in July 31; Superintendent
Conrad E. Wirth, Chief of Land and Recreation Planning, WPS, and party of twelve
Denver, in and out July 31; William E. Stone, Assistant Secretary of Interior,
E. W. Matteson, Division Engineer, and A. V. Williamson, National Engineer, WPS,
Denver, and Clyde Leckard, Design Engineer, WPS, Denver, in July 30, out 30;
Assistant Sanitarian, USPHS, in July 11, out 30; S. B. Cowan, Engineer, WPS,
Niles, Regional Council, Region Two, in July 27, out 30; C. C. Beck, Senior
25, out 29; Lawrence C. Williams, Regional Director, Region Two, in July 27, out 30;
25, out 29; Lawrence C. Williams, Regional Director, Region Two, in July 27, out 30;
Control, Bureau of Entomology and Plant Quarantine, Spokane, Washington, in July
the Budget, Washington, D. C., in July 27, out 28; John G. Ryan, District Forester
out 24; William F. McCormack, Assistant Chief, Wildlife Division, Bureau of
Missouri, in July 21, out 24; Hugh Miller, Personnel Officer, WPS, in July 22,
Barrows, Northern Rocky Mountain Forest and Range Experiment Station, USPHS,
Ecology and Plant Quarantine, County of Adams, Idaho, in and out July 22; Jack
Park, in July 17, out 20; James C. Iverson, Senior Entomologist, Bureau of Entomology
Station, in July 19, out 19; David Cantrell, Superintendent, Rocky Mountain National
Austin Holmes and Martin Handenstatel, Northern Rocky Mountain Experiment
9, out 11; Bernard Frank, Division of Forest Insecticides, Washington, D. C., and
WPS, in July 9, out 19; Frank W. Childs, Regional Forester, Region Two, in July
of Budget, Washington, D. C., in July 11, out 11; Samuel W. Todd, Chief Wildlife Forester,
USPHS, Denver, in July 11, out 11; Samuel W. Todd, Chief Wildlife Forester, Bureau
ington, D. C., in July 3, out 6; C. T. Wright, Sanitary Engineer Director,
July 2; Arthur S. Alley, Finance Examiner, Secretary of Interior, WPS, Wash-
O. Sandberg, Regional Training and Safety Officer, Wildlife National Forest, in
Inspection. Newton B. Drury, Director, WPS, in July 2, out July 6; Victor

Notes. Material for the topographic map of the area is being prepared. development at west Tinsah after preparing a map of the area with use of aerial Architect Watson in the drafting room. Four sketches were prepared for the Plans, Maps and Surveys. Considerable time was spent by Assistant Landscape

General Publicity. The only story sent out during the month was a telephonic one to the Associated Press at Helena with regard to the breaking out of a steam vent in the highway in front of the Norris Museum on July 3.

There remained a total of 41,000 Yellowstone 1947 broadsides on hand at the end of the month.

Complaints. Nine letter of complaint were received during the month of July, as follows: shortage and quality of food at Old Faithful Inn; alleged overcharge for gasoline at West Thumb Service Station; road conditions in Yellowstone, particularly south approach road; reckless driving of Yellowstone Park Company bus driver; alleged overcharge for automobile repairs at Fishing Bridge Garage; condition of Old Faithful cabins; road conditions here and discourtesy of ranger at East Entrance when refusing to accept Canadian money and large discount for Canadian money at West Thumb Cafeteria; discourtesy, unsanitary conditions and lack of milk and food at Hamilton Store fountain lunch stand at West Thumb; and indifference of employees at Canyon Lodge in advising visitor of accident to his mother.

Maintenance. Most of the month was favorable for road maintenance operations. All park roads are in fair shape with the exception of the Norris to Canyon outoff and the south approach road. All crews spent most of the month in patching. Graders cut off the most serious corduroyed sections.

About three miles of the east entrance road was reprocessed and one mile on the south end of the Gallatin road was reprocessed and sealed. Five bridges on the Firehole loop road were given a new deck. About 2,000 feet of guide post with reflector buttons were installed on the Mammoth to Tower Falls and the Tower Falls to Canyon sections.

Both the Norris to Canyon and the south approach roads are rough and dusty, but are being maintained regularly with graders and have no spring-breaking holes. Our oiling crew will move to the south approach road soon. Considerable progress was made in removal of small tree growth along the road shoulders. Extremely hot geysers broke out in the road at Norris geyser basin and near Nymph Lake. These were capped and the steam vented to the side of the road. Extremely high winds hit the park on the first of the month and some 66 trees were blown across the roads, some sections being blocked for a short time.

The Red Lodge road is in fair shape. About a one-half mile section near Silver Gate was stabilized and rip-rap repairs made along the Clarks Fork River where high water had done considerable damage to the road slope. Some rock-retaining wall was placed in several places on Section C. Two snow storms hit the high sections during the month. On July 29 the road was temporarily closed until snow plows removed drifts up to three feet in depth.

Road crews are located at Mammoth, Madison, Gallatin, Thumb, Lake, East Entrance, Canyon, Tower Falls, South Forest, Northeast Entrance, Beartooth and Rock Creek. A special crew spent most of the month on guard rail replacement and bridge repair. A second special crew worked on trail repair. The outer end of Inspiration Point platform was rebuilt and Grand View platform was given extensive repair. All wooden stairs and platforms in Canyon area were checked and repaired.

a steam train in the highway in front of the North Station in July 1941.

... to find no evidence of FBI involvement. ... to find a business man ...

at least Thump; and indifference of employees at Canyon Lodge in advising visitor to resident to his mother.

in working. There are off the most serious corduroy sections. All over again road. All over again road of the month. All park roads are in fair shape with the exception of the North to Maintenance. Most of the month was favorable for road maintenance operations.

with reflector buttons were installed on the ramparts to Tower Hills and the on the Hirschie loop road were given a new look. About 2,000 feet of guide post on the south end of the Delatic road was reprocessed and sealed. A bridge about three miles of the east entrance road was reprocessed and the side

Extremely high winds hit the part on the first of the month and some of these were blown across the roads, some sections being blocked for a short time. Light rains. These were capped and the storm vented to the side of the road. Extremely hot gusts broke out in the road at Morris Green basin and near progress was made in removal of small tree growth along the road shoulders. Our oiling crew will move to the south approach road soon. (Continued).

but are being maintained regularly with graders and have no winter-driving. Both the North to Canyon and the south approach roads are paved and largely.

The Red Lodge road is in fair shape. About a one-half mile section near Silver Lake was stabilized and repaired along the Clark Fork River where high water had done considerable damage to the road along some rock retaining wall was placed in several places on section 1. Two new stone pits were placed during the month. In July 22 the road was temporarily closed until snow flows removed this up to three feet in depth.

Rocky areas are located at Mammoth, Madison, Laramie, Cheyenne, Jackson, and
Gardiner, Canyon, Lower Falls, South Fork, Northwest Arkansas, Northwest and
Rock Creek. A special crew spent most of the month on guard rail replacement
and bridge repair. A second special crew spent on trail repair. The other
end of Inspiration Point platform was rebuilt and Grand View platform was given
extensive repair. All wooden stairs and platforms in Canyon area were checked

ben Lager bei

Two new Gallion Model 102 patrol graders were received July 26 and immediately put to work. For a period three of our old graders were laid up for repairs.

Two of our road crews were called out on fire duty for a short period of time.

New Construction. Peter Kiewit Sons' Company were the low bidders for the chip seal coating of 38 miles of Mammoth to Old Faithful section. The bids were opened in Denver on July 30 and award has been recommended to the low bidder at \$77,250. The bid plus PRA supervision cost will be about \$25,000 more than estimated in our Roads and Trails Estimates of last fall. This will leave the park quite short in regular maintenance and will necessitate the closing of some of the maintenance camps as early as September 1.

Contractor McLaughlin, who has the contract for construction of Section C of the South Approach Road, Moran to Yellowstone, is making good headway on the grading work between the Snake River and South Entrance. He expects to have all grading done in about 30 days. Work was resumed on the excavation for the south abutment for the Snake River bridge. A concrete culvert one-half mile south of the Snake River Bridge was completed.

Bids are to be opened again in Denver on August 5 for constructing Project 1-F3, G4 (Canyon) grading and base surfacing of 2.830 miles of main line and .872 miles of connecting roads and parking areas. It is believed that there will be several new contractors bid on the job at this letting.

On Projects 431 and 432, Residences at Mammoth, the cabinets are being installed and interior painting and papering is being completed on these houses.

On Account 512, Prefabricated Wooden Walks, a small crew spent most of the month installing these walks in the Old Faithful area. Some of the old bituminous paths are being torn up, hauled away and replaced with the new wooden sections.

Concessioners. The rates for Pryor Stores, Inc., for 1948 were approved on July 16 and the rates for the Yellowstone Park Company bars were approved on the 20th.

Interpretive Services. The Chief Park Naturalist gave special talks on Yellowstone illustrated with motion pictures at Mammoth on the 7th, Fishing Bridge the 21st and Old Faithful the 30th.

The Junior Nature Program proved to be very popular during the month and on occasions there have been as many as forty children participating in the program.

The interpretive program was in full effect all month with the exception of those days when it was adversely influenced by the weather.

Two new Dallas hotels 100 percent reserved were received only 15 months
ago as this was probably the first time in the history of the state
that a hotel was built in Dallas.

[illegible]

Following closure of some of the maintenance work as early as September 1, leave the park open for regular maintenance and will necessitate the more than anticipated in our Roads and Trails Section of land fall. This will be about \$17,250. The bid given for exploration cost will be about \$17,000 more opened in Denver on July 10 and award has been recommended to the low bid of \$17,000 to Old Faithful section. The bid was \$17,000. Lower than \$17,000. Lower than \$17,000. Lower than \$17,000.

The Hoche River bridge was completed. A concrete delivery van-half mile south of upstream for the main river bridge. Work was resumed on the excavation for the second grading work between the main river and lower reservoir. He expects to have it of the North American Road, known to its investors. It is a good highway on the Contractor's schedule. who has the contract for construction of section 3.

1-17-48 (GUYTON) Guyton and his wife have been making a lot of money in the last few years. It is believed that they will be making even more money in the future. It is also believed that they will be making a lot of money in the future.

[illegible]

one path is being torn up, hauled away and replaced with the new wooden one. month installing these walks in the Old Methodist area. Some of the old building on Account 215, prefabricated wooden walks, a small new space must of the

on July 15 and the rates for the Yellowstone Park Company were approved on the 15th.

Yellow was illustrated with motion pictures at Remond on the 7th, featuring Bridge the Blind and Old Faithful the 30th.

on occasions there have been as many as forty children participating in the Junior Nature Program as well as during the month and

...and he was very much interested in the work of the ...

Museum Activities and Exhibits. All five museums were open as many hours as man-power would permit during the month and were well attended by the visitors. The statistical records indicate a small increase in museum attendance over last season.

The amphitheater at Old Faithful was completed and is being used by capacity crowds. The wiring of the amphitheater for projection was completed and also wiring changes made in the Fishing Bridge amphitheater during the month.

The plate glass ordered for the repair of exhibit cases at Fishing Bridge and to fix the sales publication display cases at Fishing Bridge and Old Faithful was received on the 21st and it is anticipated that these cases will be repaired immediately after the first of August.

Research and Observation. Mr. John McMillan, Research Collaborator, has continued his work on the moose of the Willow Park area.

Park Naturalist Alcorn made a trip to the Fossil Forest area on Specimen Ridge for the purpose of making observations and taking pictures. This area has been proving popular with the visitors this season and many people have hiked up to the fossil tree area above the Horseshoe. Mr. Alcorn made a trip to the Monument Geyser Basin on July 7 to check on the thermal phenomena there and found that very few people had visited this particular section. The sign directing people to the Monument Geyser Basin was taken down at the beginning of the season with the thought in mind it would reduce the number of people visiting the basin and thereby cut down the vandalism which had been occurring there. Mr. Alcorn's observations indicate that the removal of the sign has been quite effective.

Park Ranger Naturalist Wayne Replogle has continued his research work on the location of the Bannock Trail through Yellowstone Park. He has done extensive hiking throughout the area through which the trail supposedly traveled and has been locating sections of it. He has also interviewed a number of the old time personalities in the West Yellowstone-Henry's Lake area to secure information from them concerning this trail.

Park Naturalist Watson had the interesting experience of watching a Richardson's Grouse and family of six young feeding and carrying on the normal pursuits of life at Dunraven Pass on July 15th. Attempts to photograph this family proved to be futile. On the 22nd Mr. Watson watched a young mule deer fawn on the old freight road which apparently was lost by its mother. This fawn was well spotted and again attempts to secure photographs were in vain due to the dense timber cover. On the 22nd while at the Grizzly Lake Mr. Watson saw two pair of Trumpeter swan and one cygnet.

On July 3 a steam vent popped up in the road directly in front of the Norris Museum. This vent is apparently along the rift or fracture from which the steam comes for the Black Growler vent and so far this season there have been periodic shifts in the intensity of the steam pressure and outlets along this rift. The vent which developed in the road opened up a hole several feet across and several feet deep. The steam is still active in this area, but the vent has been capped over and pressure is being released out to the roadside. On cool days large quantities of steam vapor virtually obscure vision along this point of the highway.

The statistical records indicate a small increase in museum attendance over last season. The statistical records indicate a small increase in museum attendance over last season. The statistical records indicate a small increase in museum attendance over last season.

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Research and Observation. Mr. John McWilliam, Research Geologist, has continued his work on the mesa of the Silver Lake area.

Park Naturalist Alcorn made a trip to the Silver Lake area on September 14th for the purpose of making observations and taking pictures. This area has been proving popular with the visitors this season and many people have flocked up to the fossil tree area above the Horseshoe. Mr. Alcorn made a trip to the Horseshoe Basin on July 7 to check on the thermal phenomena there and found that very few people had visited this section of the area. He directed people to the Horseshoe Basin and taken down at the beginning of the season with the thought in mind it would reduce the number of people visiting the basin and thereby cut down the vandalism which had been occurring there. Mr. Alcorn's observations indicate that the removal of the sign has been quite effective.

Park Ranger Naturalist Wayne Knapik has continued his research work on the location of the Bennett Trail through Yellowstone Park. He has been extensively hiking throughout the area through which the trail supposedly traveled and has been locating sections of it. He has also interviewed a number of the old time personalities in the West Yellowstone-Henry's Lake area to secure information from them concerning this trail.

Park Naturalist Watson and the interesting experience of watching a Richardson's Grouse and family of six young feeding and sunbathing on the gravel banks of life at Dunsmuir was on July 15th. Attempts to photograph this family proved to be futile. On the 22nd Mr. Watson watched a young male bear fawn on the old freight road which apparently was lost by its mother. This fawn was well spotted and again attempts to secure photographs were in vain due to the dense timber cover. On the 22nd while at the Grizzly Lake Mr. Watson saw two pairs of Trumpeter swans and one egret.

On July 5 a steam vent popped up in the road directly in front of the Norris Museum. This vent is apparently along the rift or fracture from which the steam comes for the Black Tower vent and so far this season there have been periodic shifts in the intensity of the steam pressure and output along this rift. The vent which developed in the road opened up a hole several feet across and several feet deep. The steam is still active in this area, but the vent has been capped over and pressure is being released out to the road. On cool days large quantities of steam vapor usually appear within a few feet of the point of the highway.

On the 13th a steam vent developed in the road-center near Nymph Lake and during the month reoccurred, causing additional maintenance work. At the close of the month this has been capped with a concrete block and it is anticipated that no further trouble will be experienced at this point. A similar type of opening developed in the road near the Mud Volcano area and it too has been repaired.

Several interesting changes have developed on the Mammoth Hot Springs Terraces during the month. Probably the most outstanding of these was the drying up of the main terrace on Wednesday, the 21st. Blue Spring, Canary Spring and the Main Springs were all very active at 11:15 a.m. and at 2:30 p.m. when the afternoon terrace trip reached the main terrace all of the waters had left this area and the springs were dry. Since this date these springs have regained a more or less normal flow and the thermal activity on the terraces is comparable to that of any other time. On the 8th of July a fire was found in the sulphur bed near White Elephant Back Terrace. Exactly what started this fire is not known, but it was satisfactorily extinguished.

On the 20th the Emerald Spring at Norris Geyser Basin erupted, throwing out a large quantity of debris which had been tossed into it by unthinking visitors and following its eruption it was possible for us to thoroughly clean the spring's basin. It has not erupted again since that date.

The Rainbow Pool in the Black Sand Geyser Basin which has periodically been active as a geyser became active again on the 22nd and at this time put on a violent series of eruptions, tossing out large pieces of sinter and causing the waters of the area to be highly turbulent. This geyser had been dormant for over a year.

The wild flower display of Yellowstone has been outstanding during the entire month with vast flower fields occurring on the old road to Tower Falls, through the Dunraven Pass area and along the east side of Lake Yellowstone.

Natural History Association. Mrs. Frank Wagner has been employed during the entire month as the librarian of the Yellowstone Park Library by the Natural History Association.

Two new books were added to the sales publication list during the month. These were "Bugs, Birds and Blizzards" by Harlow Mills and "Yellowstone - It's Underworld" by Dr. C. Max Bauer. Dr. Bauer's book telling the popular geological story of the Yellowstone, which was put on sale during mid-July, is proving to be a very popular sales item and it has been necessary for the Association to order additional copies of this.

Publication sales for July are below last season, but with some books sales are exceeding expectations. It has been necessary for the Association to secure additional topographic maps, "Picture Maker of the Old West", "Wyoming: Frontier State", "Yellowstone - It's Underworld" and "Exploring our National Parks and Monuments" in order to meet the anticipated demand for these during August.

On the 15th a steam vent developed in the road near the spring and during the month continued, causing additional minor eruptions. At the close of the month this has been stopped with a concrete block and it is anticipated that no further trouble will be experienced at this point. A similar type of opening developed in the road near the Hot Springs and it too has been repaired.

Several interesting changes have developed on the Hot Springs terrace during the month. Probably the most outstanding of these was the drying up of the main terrace on Wednesday, the 21st. This spring, however, and the main spring were all very active at 11:15 a.m. and at 11:30 a.m. when the afternoon terrace trip reached the main terrace all of the waters had left this area and the springs were dry. Since this date these springs have regained a more or less normal flow and the thermal activity on the terrace is comparable to that of any other time. On the 26th of July a fire was found in the spring bed near White Elephant Rock terrace. Exposed wires started this fire is not known, but it was satisfactorily extinguished.

On the 20th the Central Spring at Norris Geyser Basin erupted, throwing out a large quantity of debris which had been tossed into it by erupting visitors and following the eruption it was possible for us to thoroughly clean the spring. It has not erupted again since that date.

The Rainbow Pool in the Black Sand Geyser Basin which has periodically been active as a geyser became active again on the 22nd and at this time put on a violent series of eruptions, forcing out large blasts of steam and causing the waters of the area to be highly turbulent. This geyser had been dormant for over a year.

The wild flower display of fall season has been outstanding during the entire month with vast flower fields covering on the old road to Tower Falls, through the Dunsmuir Pass area and along the east side of Lake Yellowstone.

Natural History Association. Mrs. Frank Wagner has been employed during the entire month as the librarian of the Yellowstone Park Library by the Natural History Association.

Two new books were added to the sales publication list during the month. These were "Bugs, Birds and Butterflies" by Marion Mills and "Yellowstone - Its Underworld" by Dr. C. Mac Gowan. Dr. Gowan's book telling the popular geological story of the Yellowstone, which was put on sale during mid-July, is proving to be a very popular sales item and it has been necessary for the Association to order additional copies of this.

Publication sales for July are below last season, but with some books sales are exceeding expectations. It has been necessary for the Association to secure additional topographic maps, "Historic Map of the Old West", "Yellowstone: Frontier State", "Yellowstone - Its Underworld" and "Exploring our National Parks and Monuments" in order to meet the anticipated demand for these during August.

Increase or Decrease in Travel. Travel continued to increase during the month, with all entrances except one showing an increase. 332,614 persons visited the park during July as against 321,521 in July 1947, an increase of 3.5%. The total travel to the end of July was 554,998 as against 533,045, an increase of 4.1%.

Visitors. Professor Tracy I. Storer, University of California College of Agriculture, in July 16; Alfred A. Knopf, New York Publisher, and Mrs. Knopf, in July 1, out 4; Riley R. Zumwalt, Secretary to Congressman Mack of Washington, in July 5; Douglas W. Hartman, Administrative Assistant to Senator Brewster of Maine, in July 11, out 12; Congressman Norris Poulson of California, in July 11, out 13; Congressman Franck R. Havenner of California in July 12, out 16; Harry B. Hommon, former Sanitarian USPHS assigned to Yellowstone, in July 13, out 16; two groups of Outdoor Editors from various parts of the country, sponsored by the Pacific Northwest Tourist Association, one in the northeast July 14 and the other in the south July 15; Vincent J. Schaefer, General Electric Company, famous for seeding clouds with dry ice, in July 14; Governor Lester C. Hunt of Wyoming in July 19; Senator Glen H. Taylor of Idaho in July 11, out 20; Congressman Wesley A. D'Ewart of Montana in July 21; Congressman Lowell Stockman of Oregon in east July 17; Julius Klein, a former Assistant Secretary of Commerce and a member of one of the President's committees studying Government reorganization, in July 19, out 23; Commodore F. K. Kjolsen, Naval Attache, Danish Embassy, Washington, D. C., in July 19; Ursula A. Gross, Assistant Editor, International Press Agency, Cape Town, South Africa, in July 27; Fred Hand, Manager, Constitution Hall, Washington, D. C., in July 21; Rabbi I. Edward Kiev, New York City, in July 23; Governor Val Peterson of Nebraska in July 30, out 31; Major General Lewis A. Pick, Division Engineer, U. S. Corps of Engineers, Omaha, in July 30, out 31; Major General Albert E. Brown, U. S. Army, in July 30; James G. Rogers, brother of Superintendent Rogers and a member of one of the President's committees studying Government reorganization, in July 21.

Ranger Service. As travel continued to increase during the month, the duties of the members of the Protection Division increased relative to public contact, police protection, investigations, traffic control and other associated duties. Protection of thermal areas in the park also comprised a large part of Protection Division Activities. Field work consisted of trail clearance and maintenance, up-keep of telephone lines to lookouts and patrol cabins and other work to facilitate the administration of the remote areas of the park. Three patrol cars were on duty during the month for general protection work and enforcement of park regulations. Thirty-two seasonal rangers were assigned to duty on July 1, after completing an in-service training program in Mammoth. Three permanent rangers were assigned to duty at the Lake Desor Fire at Isle Royale National Park. Two of these rangers were on duty there for a period of two weeks and the third for a period of three weeks.

Law Enforcement. A total of twenty-six cases were presented before the United States Commissioner for trial during July. Thirteen of these cases were for violation of the speeding regulation, seven for reckless driving, one for petty larceny, one for assault, two for the violation of fishing regulations,

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July 21.
 of English and French, in July 20, and the Major General Lewis A. Pick, Division Engineer, U. S. Corps
 Army, in July 20; James B. Rogers, brother of Independent Forest and a mem-
 ber of one of the President's committees studying Government reorganization, in
 July 20, and 21; Major General Lewis A. Pick, Division Engineer, U. S. Corps
 toward River, New York City, in July 22; Governor Elihu P. Loring and Mr. Nathan
 Head, Manager, Constitution Hall, Washington, D. C., in July 21; David L.
 Editor, International Press Agency, Cape Town, South Africa, in July 22; Fred
 Danahy, Secretary, Washington, D. C., in July 19; Commander E. K. Johnson, Naval Academy,
 reorganization, in July 19, and 22; Commander E. K. Johnson, Naval Academy,
 Governor and a member of one of the President's committees studying Government
 of Oregon in early July 19; Julius Klein, a former Assistant Secretary of
 Governor Wesley A. Young of Montana in July 21; Congressman Joseph J. Jackson
 Wyoming in July 19; Senator John R. Taylor of Idaho in July 11, and 20; Con-
 known for seedling clouds with dry ice, in July 14; Governor Lester C. Hunt of
 other in the south July 19; Vincent L. Schaefer, General Electric Company,
 the Pacific Northwest Timber Association, and in the northwest July 14 and the
 two groups of outdoor workers from various parts of the country, answered by
 B. Larson, former Senatorial House assigned as follows, in July 19, and 20;
 Maine, in July 11, and 12; Congressman Frank R. Hawman of California, in July 11,
 in July 20; Douglas R. Hartman, Administrative Assistant to Senator Brewster of
 in July 1, and 2; Alfie R. Bennett, Secretary to Congressman Mark of Washington,
 Agriculture, in July 14; Alfred A. Knapp, New York Publisher, and Mrs. Knapp,
 Visitors: Professor Tracy I. Brown, University of California College of

Two weeks and the third for a period of three weeks. Rayals National Park. Two of these rangers were on duty from the period of duty on July 1, after completing an in-service training program in Yosemite. Thirty-two seasonal rangers were assigned to these areas. These permanent rangers were assigned to duty at the same time as at least one of these rangers were on duty from the period of duty on July 1, after completing an in-service training program in Yosemite. Thirty-two seasonal rangers were assigned to these areas. These permanent rangers were assigned to duty at the same time as at least one of these rangers were on duty from the period of duty on July 1, after completing an in-service training program in Yosemite.

and excepted bedrocks are also a-ment to be of a. The information was
from some cases to be a-ment. The information was from some cases to be a-ment.
not one, giving evidence for some cases to be a-ment. The information was from some cases to be a-ment.
and other evidence to be a-ment. The information was from some cases to be a-ment.

one for creating a disturbance and one for the defacing of the natural features. In disposing of these cases a total of \$385.00 in fines was assessed. In the case of petty larceny the three defendants were given a jail sentence of five days, and in two other cases involving assault and reckless driving, the two defendants were each ordered confined for a period of twenty-four hours. In addition, twenty cases of a minor nature were investigated during the month.

Wildlife and Fish Cultural Activities. BEARS. Although black bears have been numerous along park roads and thousands of visitors have stopped to observe and photograph them daily, only four personal injuries from these animals were reported during July, as compared with ten for the same period last year. Five personal injuries from black bears were reported in June, making the total for the season to date nine, as compared with eleven last season. Reported damages to personal property from black bears totaled three in July, making five for the season. During the month one black bear was killed near Camp Roosevelt for control purposes and a second black bear was inadvertently killed at Old Faithful in connection with control of grizzlies. As is usual in even-number years, first-year cubs are not numerous this season.

Unusual depredations and personal injuries were perpetrated in the Old Faithful Campground on the nights of July 13 and 16 by what is believed to have been young grizzly bears. Seven persons were clawed or bitten while sleeping in tents or in the open and six damages to tents, bedding or bedrolls resulted. Three young female grizzlies known to have regularly frequented the area were killed for control purposes and no further difficulty has been experienced with bears at Old Faithful. Grizzly bear incidents of this kind have occurred only infrequently in the past at intervals of several years. During the month some thirty grizzly bears were seen in the Canyon, Old Faithful, Fishing Bridge and other more isolated areas.

BUFFALOES. Very few buffaloes were seen from park roads during the month. A herd of about 200 head was herded from the meadows in Lamar River valley on the 21st to prevent interference with haying operations. Occasional old bulls have frequented the hay fields and in some instances have playfully hooked and broken some of the hay bales left behind the hay baler.

COYOTES. Two ear-tagged coyotes were reported as seen during the month but it was not possible to collect the specimens.

GROUND SQUIRREL CONTROL. In the Mammoth developed area 205 ground squirrels were shot during July. Of these, 130 were removed from the Hotel Cottage area where they were becoming excessively numerous. Total ground squirrels killed for control purposes this season in the Mammoth and Tower Falls areas is 605.

TRUMPETER SWANS. No general observations of the swans throughout the park have been made this season, but ten cygnets have been reported from three locations. On July 7 a pair of swans with one cygnet were observed on Swan Lake. A short time later it was noted that the cygnet had disappeared. A pair of swans with five cygnets have been seen on a pond near the mouth of Slough Creek, and another pair with four cygnets are located on a pond near Madison Junction.

one for creating a disturbance and one for the defacing of the natural features. In disposing of these cases a total of \$350.00 in fines was assessed. In the case of petty larceny the three defendants were given a jail sentence of five days, and in two other cases involving assault and robbery during the two defendants were each ordered confined for a period of twenty-four hours. In addition, twenty cases of a minor nature were investigated during the month.

Wildlife and Fish Control Activities. During the month black bears have been numerous along roads and throughout the mountains of visitors have reported to have seen and photographed them daily. Only four personal injuries from black bears were reported during July, as compared with ten for the same period last year. Five personal injuries from black bears were reported in June, making the total for the season to date nine, as compared with eleven last season. Reported injuries to personal property from black bears totaled three in July, making five for the season. During the month one black bear was killed near Camp Roosevelt for control purposes and a second black bear was inadvertently killed at Old Ketchikan in connection with control of grizzlies. As is usual in even-number years, first-year cubs are not numerous this season.

Humanal Injuries and Personal Injuries were reported in the Old Ketchikan (campground) on the night of July 15 and 16 by what is believed to have been young grizzly bears. Seven persons were clawed or bitten while sleeping in tents or in the open and six injuries to hands, feet, or heads were reported. Three young female grizzlies known to have regularly frequented the area were killed for control purposes and no further difficulty has been experienced with bears at Old Ketchikan. Grizzly bear footprints of this kind have occurred only infrequently in the past at intervals of several years. During the month some thirty grizzly bears were seen in the canyon. Old Ketchikan, Ketchikan National Park, and other more isolated areas.

HUNTALONG. Very few bullfrogs were seen from park roads during the month. A herd of about 500 head was herded from the meadow in Laramie River valley on the 21st to prevent interference with feeding operations. Grizzlies and bears have frequented the hay fields and in some instances have grazed on alfalfa and broken some of the hay bales left in the field.

COYOTES. Two ear-tagged coyotes were reported as seen during the month but it was not possible to collect the specimens.

GROUND SQUIRREL CONTROL. In the Mammoth developed area 500 ground squirrels were shot during July. Of these, 150 were removed from the Hotel Congress area where they were becoming excessively numerous. Total ground squirrels killed for control purposes this season in the Mammoth and lower hills areas is 650.

WYGNATE SWANS. No general observations of the swans throughout the park have been made this season, but ten wygnates have been reported from three locations. On July 7 a pair of swans with one cygnet was observed on Swan Lake. A short time later it was noted that the cygnet had disappeared. A pair of swans with five cygnets have been seen on a pond near the mouth of Slough Creek, and another pair with four cygnets was located on a pond near Landon Junction.

FISH CULTURE AND FISH PLANTING. Collection of blackspotted trout eggs by the Fish and Wildlife Service has progressed very slowly at Yellowstone Lake this season, probably due to the fact that ice remained on the lake for about ten days later than normally. Eggs taken to date total 17,312,519, the smallest number since collection records were begun in 1936. Much of the fish planting from Ennis, Bozeman and Emigrant was completed during the month. All plants for the season, however, will not be accomplished until late September or early October.

Forest Fire Protection. Ten Class A, 1 Class B and 4 Non-Reportable Forest Fires were reported during July. A Class B fire occurred in the West Yellowstone District on July 27 while the park average fire danger was 59 and the average afternoon wind was 15. The fire was reached on the same day by Ranger Sedar and the Pre-Suppression Crew. It was held that day and brought under control the following day by these men and a follow-up crew of 16 Blister Rust crewmen.

The Pre-Suppression Crew completed maintenance work on the Snake River Lookout telephone line, the telephone lines to Mt. Sheridan and the trails of the same areas. They also constructed two corduroys on horseback trails in the Mammoth District.

Trails. On July 12, the pack string was taken to the pasture and the services of Packer Paul Hoppe were terminated. The trail crew had been traveling with a pack outfit but from that date, men were assigned to individual districts and the trail work will be coordinated by the district headquarters during the balance of the season. At the close of the month, a two-man crew was working on the West Yellowstone District and another was working at the Bechler River District.

White Pine Blister Rust Control. Work progress on the Blister Rust Control program was not up to the standards originally planned for this season. The work has lagged behind schedule partly because of the large turnover in employees and partly because the mop-up job in the Mammoth unit proved to be a larger job than had been originally anticipated. Work in the Mammoth area was completed July 15, two weeks behind schedule, and the control crew moved to Canyon and started work on the Mt. Washburn unit on July 16. There were approximately 35 men on the job throughout the month. Two representatives of the Bureau of Entomology and Plant Quarantine, Mr. John C. Gynn and Mr. Clarence M. Chapman, rendered valuable technical assistance on the project.

Forest Insects. Mr. James C. Evenden, Forest Insect Control Laboratory, Bureau of Entomology and Plant Quarantine, Coeur d'Alene, Idaho, made an inspection trip through the park during the month, primarily for the purpose of determining the extent of bark beetle damage to whitebark pine in the Mt. Washburn-Dunraven Pass area. Some of the observations made during Mr. Evenden's visit seem to indicate that some trees have been weakened by the application of Amate to Ribes which have been removed near the tree roots. Subsequent observations indicate that, while some trees have possibly been weakened by Amate and attacked by bark beetles, the beetle attacks were also prevalent in mature whitebark pine where no Blister Rust Control work has been accomplished. The few bark beetle attacks observed do not indicate that anything more than a normal endemic condition exists in the area in question.

FOREST INSECT CONTROL LABORATORY. Collection of specimens from the
by the Forest and Wildlife Service has progressed very slowly at Yellowstone Lake
this season, probably due to the fact that the lake is now for about
the lake later than normal. The lake is now for about 17,500, the annual
number since collection records were begun in 1956. Most of the lake
from June, August and September was completed during the month. All plants
for the season, however, will not be completed until late September or early
October.

Forest fire protection. For Class A, 1 Class B and 1 Non-reportable forest
fires were reported during July. A Class B fire occurred in the West Yellow-
stone District on July 27 while the park average fire danger was 59 and the
average afternoon wind was 17. The fire was reached on the same day by hand-
saw and the fire suppression crew. It was held that day and brought under con-
trol the following day by where was and a follow-up crew of 15 Elmer West crew-
men.

The fire suppression crew completed maintenance work on the Snake River
lookout telephone line, the telephone lines to 11, 12, 13 and the walls of
the area. They also constructed two concrete to black trails in the
Kamath District.

Trails. On July 12, the last trail was taken to the pasture and the ser-
vice of 1000-1000 were terminated. The trail crew had been traveling
with a pack outfit but from that date, was assigned to individual districts
and the trail will be completed by the district headquarters during the
balance of the season. At the close of the month, a two-man crew was working
on the West Yellowstone District and another was working at the Snake River
District.

Wild fire control. The progress on the Snake River and
program was not up to the standards originally planned for this season. The
work has lagged behind schedule partly because of the large turnover in employees
and partly because the work in the Kamath District proved to be a larger job
than had been originally anticipated. Work in the Kamath area was completed
July 12, two weeks behind schedule, and the control crew moved to Garden and
started out on the 10. The control crew on July 12. The work was approximately 15
men on the job throughout the month. Two representatives of the Bureau of
Botany and Plant Quarantine, Dr. John C. Gynn and Dr. Clarence A. Chapman,
rendered valuable technical assistance on the project.

Forest insects. Mr. James A. Linsley, Forest Insect Control Laboratory,
Bureau of Entomology and Plant Quarantine, Denver, Colorado, made an
inspection trip through the park during the month, primarily for the purpose
of determining the extent of bark beetle damage to whitebark pine in the
Teton-Yellowstone area. Some of the observations made during Mr. Linsley's
visit seem to indicate that some trees have been weakened by the application of
Amato to lines which have been near the tree route. Subsequent obser-
vations indicate that, while some trees have possibly been weakened by Amato
and attacked by bark beetles, the beetle attacks were also prevalent in mature
whitebark pine where no Blistar Forest Control work has been accomplished. The
few bark beetle attacks observed do not indicate that anything more than a
normal endemic condition exists in the area in question.

Building Fire Protection. Fire hazard inspections have been completed in all of the concessioners' establishments. A great many improvements have been accomplished. The automatic sprinkler systems in Canyon Hotel and Old Faithful Inn were completed early in the month and final inspections were made to determine that they were in acceptable working condition. The Yellowstone Park Company has contracted for installation of an automatic sprinkler system in the Mammoth Hotel, the work to start at the end of the 1948 travel season. Preparation of the individual fire hazard inspection reports was interrupted by the Lake Desor fire in Isle Royale National Park.

Accidents. Forty-nine automobile accidents occurred in the park during the month, of which twenty-five were Class A and twenty-four were Class B. Only one accident resulted in serious injuries to the occupants of the cars. Mr. and Mrs. Sam Wiesman of 6748 Cornell Street, Chicago, Illinois, and Mr. and Mrs. Morris Wiesman of the same address, were hospitalized in the Park Hospital in Mammoth. Mr. Sam Wiesman received cuts and bruises about the face and also suffered chest injuries. Mrs. Sam Wiesman suffered deep cuts about the face and head in addition to a broken ankle. Mr. and Mrs. Morris Wiesman both suffered numerous cuts about the face and head. The occupants of the other car involved in this accident received only minor bruises.

Two National Park Service employees rescued an eleven year old girl from a possible drowning in the Gardiner River. The girl, a resident of Gardiner, Montana, slipped from a steep bank and fell into the swift moving stream, and was clinging to a rock in midstream, from where she was rescued.

Personnel. Loren L. Gale entered on duty as Seasonal Statistical Clerk, CAF-3, July 1. James L. Collins was appointed as Clerk-Stenographer, CAF-4, vice Gerard Doezie on July 1. All employees were required to work on July 5, a legal holiday, in view of the large crowds in the park and the accumulation of work over the weekend.

Chief Ranger LaNoue made a trip to Rocky Mountain National Park from July 24 to 30 in connection with his proposed promotion to the position of Assistant Superintendent of that area. Frank T. Hirst was promoted from the position of Park Ranger, CPC-7, to District Park Ranger, CPC-9, on July 26.

Deaths. Scott Thompson, 43, horse wrangler for the Yellowstone Park Company, from Belgrade, Montana, died of a heart attack at the Canyon on July 7. An item appeared in the Park County News (Livingston, Montana) on July 29 to the effect that Mrs. Mary R. Klammer, 79, died recently in San Diego, California. Mrs. Klammer and her husband were former owners of the C. A. Hamilton Store at Old Faithful and Mrs. Klammer was a member of the George L. Henderson family who built the old Cottage Hotel at Mammoth which still stands.

Births. A son was born to Mr. and Mrs. D'Orion Chew of Gardiner in the Mammoth Hospital on July 27. Mr. Chew is Agent for the Northern Pacific and Mrs. Chew was Postmistress at Mammoth during the war years. The following day a son was born at the Mammoth Hospital to Mr. and Mrs. Roy E. Sutherland of Gardiner.

Marriages. William Boswell and Margaret Davis, employees of Hamilton Stores, Inc. at Old Faithful, were married in the Mammoth Chapel on July 24.

Edmund B. Rogers,
Superintendent.

cc: Region Two, in quintuple.

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Marriages. William Howell and Margaret Davis, employees of Hamilton Bros.
Two at Old Methodist, were married in the Church Chapel on July 24.

Richard E. Rogers,
Superintendent.

Two: Reginald Two, in duplicate.
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