

# YELLOWSTONE NATIONAL PARK

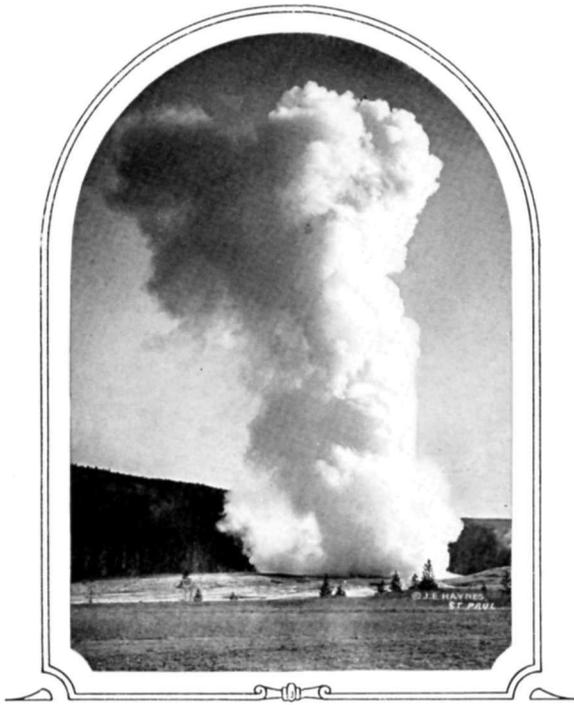


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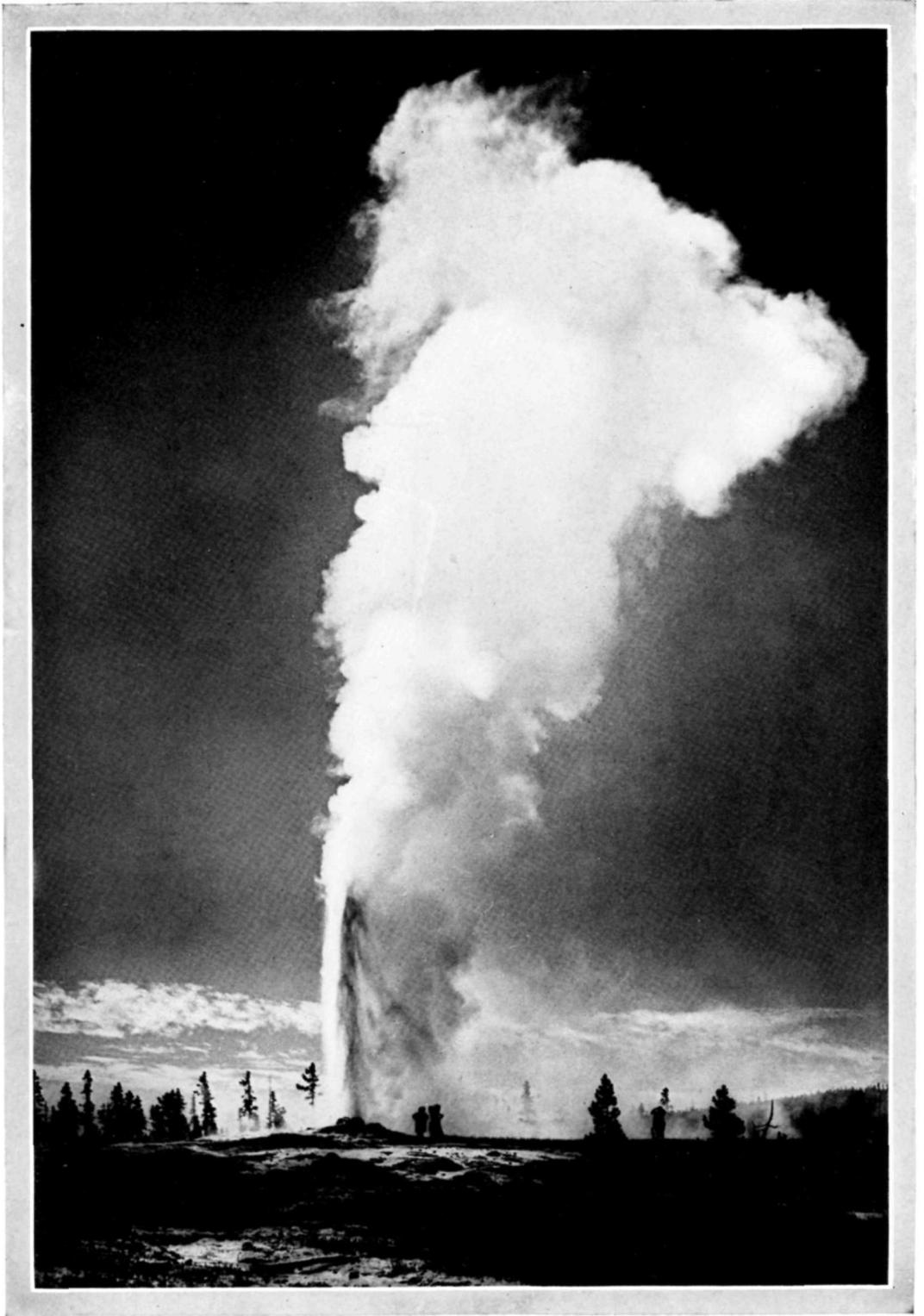


# GEYSERLAND

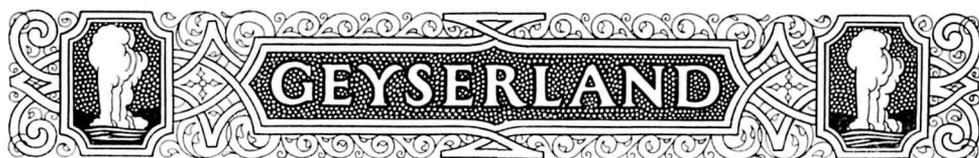
YELLOWSTONE NATIONAL PARK



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Old Faithful Geyser



# GEYSERLAND

**F**ORMED by fire and finished by ice, wind, and water, is perhaps a summary of the geologic story of Yellowstone Park. Great volcanoes, forgotten by all except the scientists, fashioned the foundations of the landscape visible today; immense glaciers carved and polished canyon and mountain slope; wind and water perfected the infinitely varied sculpture of gorge, peak, and precipice.

Then the softer moods of Nature prevailed. She provided majestic rivers and far-reaching lakes, spread vast evergreen forests over her original handiwork, patterned the open spaces with lovely wild flower gardens. She gave this domain to bear, buffalo and beaver, elk and antelope, moose and deer; to eagle, waterfowl, lark, thrush and warbler; and to the finny tribes of lake and stream.

What distinguishes Yellowstone is the existing evidence of those original mysterious and magnificent processes of the Park's creation. The visitor walks through the looking glass into a wonderland where incredible things happen. Astonishment becomes a constant emotion.

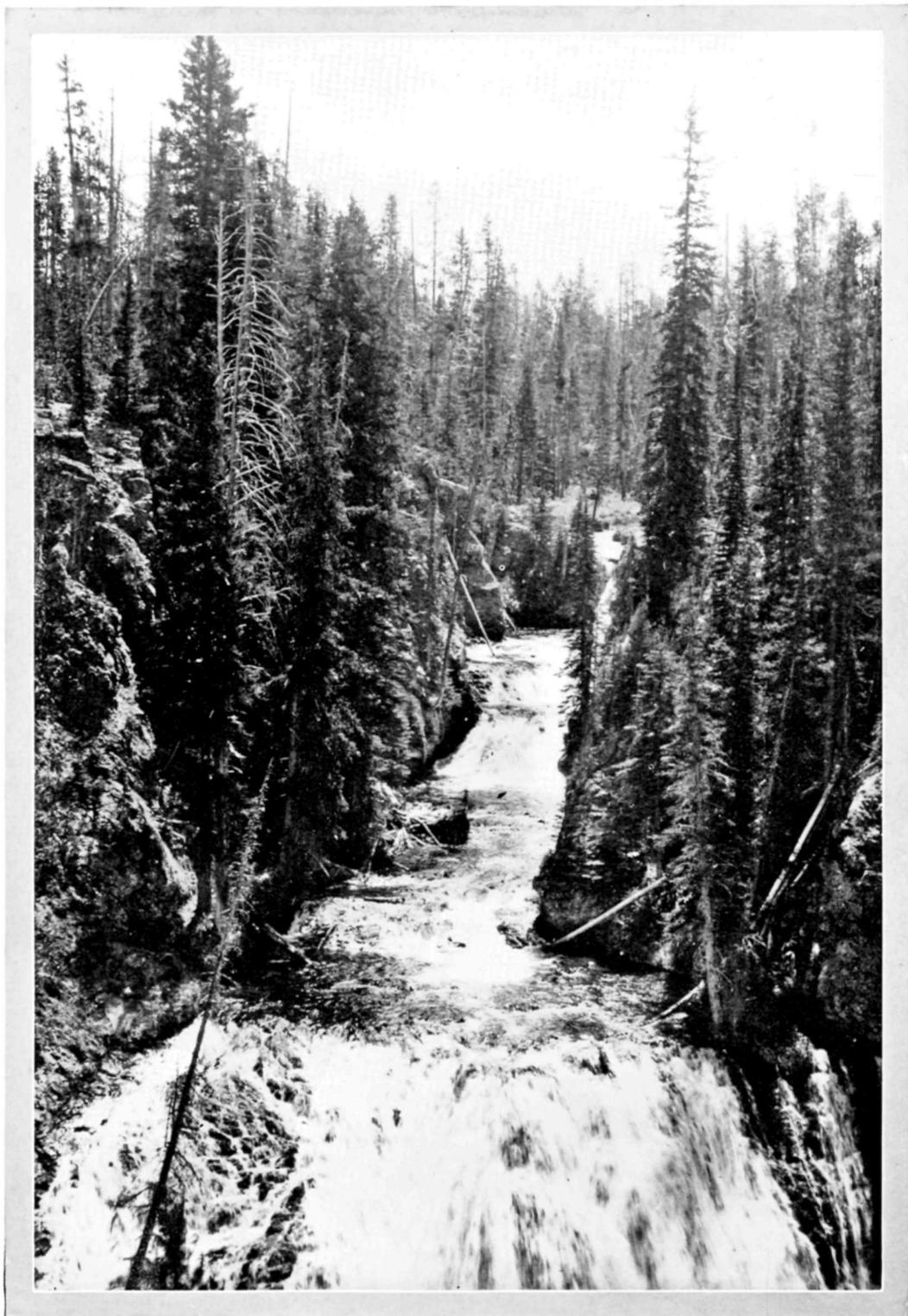
Although there is no sign of life about the ancient volcanoes, the earth hisses from a thousand vents, stretching, perhaps, from the subterranean fire. Great fountains of water and steam, soar gracefully into the air, some regularly, others at unforeseen times. Numberless pools murmur and boil; the minute hot-water inhabitants of some have painted their bowls with the exquisite colors of sapphire, emerald, and morning-glory; others have erected terraces and enameled basins of surpassing richness or have thrust their steaming cones through the icy waters of a lake. Here a mass of plastic clay, pink and cream, pouts and sputters; there stands a cliff of glass, a mountain of sulphur. On yonder mountain side are the petrified remains of a prehistoric forest now composed of agate, carnelian, jasper,

chrysoprase, and amethyst. A great river plunges with thunder and mist hundreds of feet into a stupendous canyon cut through twelve hundred feet of prismatic pigments, glowing with a harmony of color that no man has successfully described.

Yellowstone is vast, wild, unspoiled, a masterpiece of the primitive set aside in the fastnesses of the Rocky Mountains. It has lofty peaks, immense lakes, majestic rivers, wild flowers in profusion, forests living and fossil, glaciers at its borders—all, in fact, that other parks contain—and in addition, the matchless canyon and the amazing geysers.

You start one cool bright morning along a smooth road through the fragrant pine forests. Steam rises ahead and a turn discloses a small geyser spouting—the first you have ever seen. But at the same moment a mother bear, followed by her cubs, walks through a glade and when you have lost sight of them the geyser is quiet. Now the automobile has stopped beside a weird group of "paint pots" or has paused at a beautiful hot spring. Another geyser gushes unexpectedly from the riverside, a boiling spring emits a cavernous rumble, steam vents puff and hiss. The white crest of a distant peak appears, you glimpse a lacy waterfall, or the rippled ultramarine of a half hidden lake; a deer bounds across the highway. On another day you are motoring along the rim of the most gorgeous of all gorges, *lost in delighted wonder*. Then the automobile, passing acres of rich wild flower gardens, climbs to the crest of Mt. Washburn, whence noble panoramas of the Rockies stretch away in every direction and the Park becomes a titanic relief map.

These are random features of the wonders that a tour of Yellowstone Park unfolds—scenes that intrepid explorers not so long ago faced hardship and danger to behold. You may see them in complete comfort, unspoiled, unchanged.



Beautiful Kepler Cascades in Firehole River descend nearly 150 feet

# Yellowstone National Park

## General Description

**YELLOWSTONE** is the largest and probably the most famous of our national parks. There is no other region like it. In the variety and power of its geysers, in the diversity of its wonders, it has no rival. The Park, first in historical rank, was created by act of Congress, in 1872, for the perpetual enjoyment of the people. Uncle Sam has made it convenient and comfortable for all who wish to come.

Yellowstone National Park is situated in northwestern Wyoming and extends slightly into Idaho and Montana. It is about 62 miles long and 54 miles wide, and has an area of 3,348 square miles. Its general physical character is that of a broad, volcanic plateau with an average elevation of 8,000 feet, and surrounded by mountain ranges rising from 2,000 to 4,000 feet higher.

In Yellowstone Park there are approximately 100 geysers, more than in all the rest of the world. The very earth puffs, steams and hisses in the geyser basins as if a thousand underground factories were at work. There are some 4,000 hot and boiling springs, and many cold springs, some of them flowing Apollinaris and other mineral waters. There are prismatic pools with the exquisite beauty of flawless gems and flowers. Multi-colored "paint-pots" of plastic clay bubble and seethe. Gruesome mud volcanoes churn and roar harmlessly. There are tinted, fretted terraces resembling the fancied architecture of fairyland.

But Yellowstone must not be associated only with geysers and other hot water phenomena. Without the geysers, Yellowstone would remain a region of transcendent

beauty. The gorgeous canyon, painted more gloriously than any other gorge on earth, is a spectacle so sublime that it alone would draw thousands of visitors. At its head a waterfall of great height and wonderful symmetry leaps from the evergreen hills and is lost in its own cloud of swirling spray. Castellated crags and lofty spires rise from slopes presenting all the tones of yellow, orange, red, and white. There are petrified forests, the trunks standing where they grew; there is a cliff of obsidian (volcanic glass) and a natural bridge.

The setting of these wonders is a land of vast evergreen forests, immense lakes, noble rivers, and majestic peaks. The rugged Absaroka Range stands upon the eastern boundary and the stately Gallatins guard the northwest. The drive over the summit of Mt. Washburn is one of the most inspiring mountain trips that can be made by automobile. The great tributaries of the Missouri River and the Snake have their sources within

or near the Park. Yellowstone Lake, nearly 8,000 feet in elevation, and its largest body of water, has an area of 139 square miles.

This primeval wilderness is one of the largest and most successful wild animal refuges on earth. As an easily accessible field for varied nature study it has no equal. Bear, deer, elk, antelope, and many lesser animals may be seen with little effort, and those who travel the trails may see moose, bison, and mountain sheep. There are 200 species of birds in the Park; eagles nest upon the crags. Most of the streams and lakes abound in trout and the Madison River also contains grayling.



Giant Geyser throws an immense column of water 250 feet high



Grand Canyon of the Yellowstone from Artist Point

Through the forests, in the open meadows, and particularly upon the slopes of Mt. Washburn, are immense gardens of lovely wild flowers.

There are four great resort hotels in the Park, distinctive in architecture, and with the best metropolitan standards of luxurious service. There are five attractive lodges, composed of comfortable cabins, together with central dining rooms and social halls. Both hotels and lodges are situated adjacent to the principal places of interest and are regulated by the Federal Government.

Unquestionably the best way to see

Yellowstone National Park is by Union Pacific System trains to West Yellowstone, and thence by the automobiles of the Yellowstone Park Transportation Company, which operate over the 300 miles of excellent government highways which traverse the Park. These cars make a complete circuit of the chief attractions and are driven by chauffeurs who are experienced in mountain roads and well qualified to point out and explain the phenomena of the Park. Visitors driving their own cars through Yellowstone National Park have been known to miss some of its grandest spectacles.

## What to Do

ON A brief trip to Yellowstone, the visitor will probably be fully occupied with observing and admiring the scenic wonders and the wild animals. But the Park is a place to linger for a month or a summer. It is impossible to know it intimately on a brief visit and many return year after year to enjoy its variety. For those who linger, there are several hundred miles of trails leading to places of interest not reached by the automobiles; these may be traversed on foot, or on horses which may be hired at

reasonable rates. The trail traveler will have exceptional opportunities to see and photograph wild animals. Yellowstone is a happy hunting ground for the camera enthusiast; nowhere else can be obtained with equal ease so many unusual pictures. There are voyages to be taken on Yellowstone Lake, in rowboats or motor boats. There are rugged mountains to be climbed, some of them, as Grand Teton and Mt. Moran, to the south, requiring first rate mountaineering skill.

In the beautiful fairyland of Yellow-



Christmas Tree Park, just within the western gateway of Yellowstone

stone you may live and travel in complete comfort. You may rest, accomplish your sightseeing from the cushions of an automobile, ride horseback, or follow the alluring trails on foot. You may procure a guide and camp equipment and explore the rarely visited regions where there is neither road nor trail. Government guides escort Park visitors over the formations at Mammoth Hot Springs and at Old Faithful and explain in detail the strange phenomena; there is no charge for this service. Good fishing may be had in practically any part of the Park, near hotels or camps, and even better results may be obtained in more distant lakes and streams. In the evening there are dances, impromptu entertainments, and other forms of amusement. Swimming pools are maintained at Old Faithful and Mammoth Hot Springs.

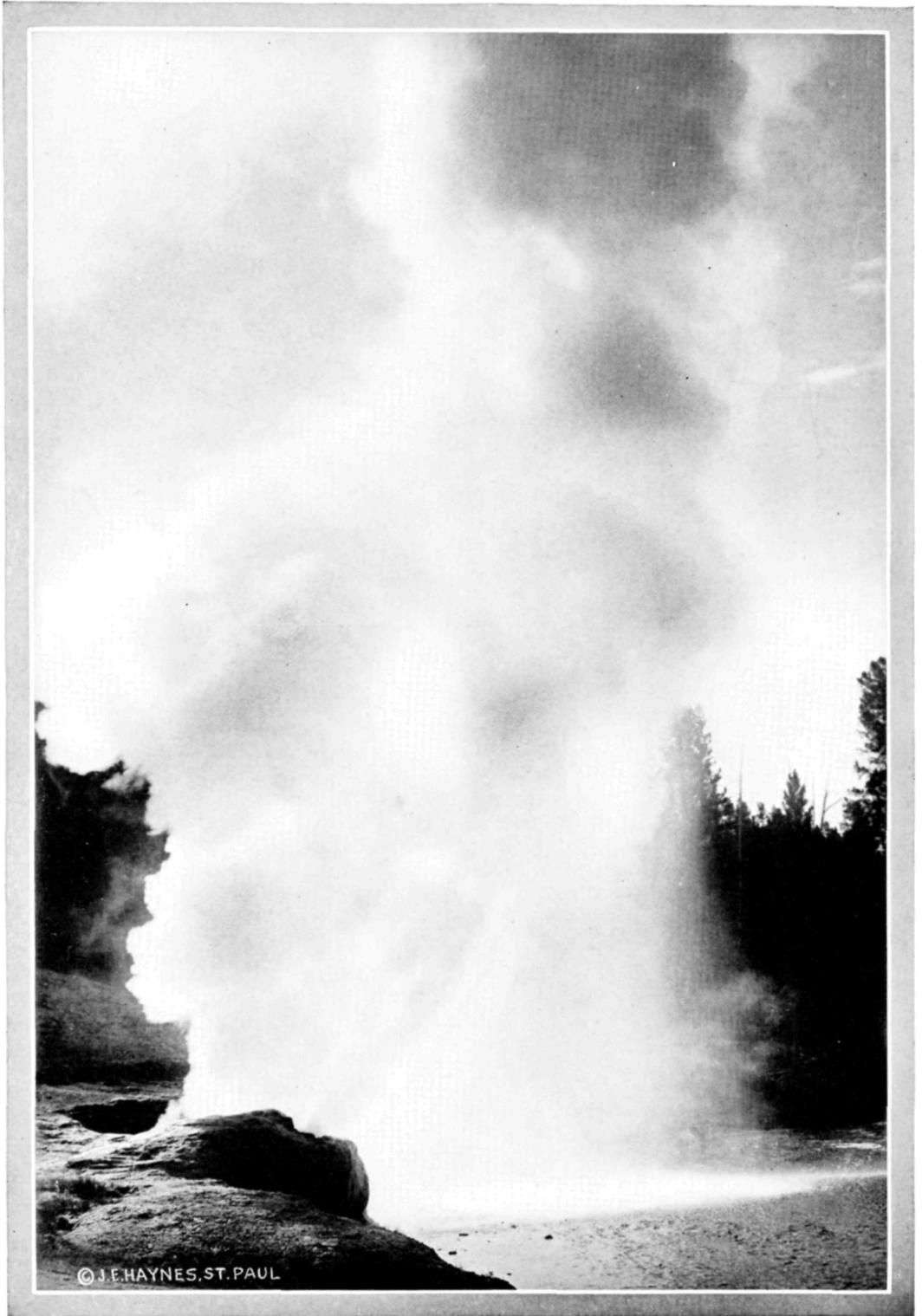
The Park, as a national institution, exists for your enjoyment.

## History

John Colter, an intrepid frontiersman and a member of the Lewis and Clark expedition, was the first white man to behold any part of what is now Yellowstone Park. In 1807, after being wounded in a battle between Crow and Blackfoot Indians, he journeyed across the Park from Jackson Hole to Tower Fall, and carried the first accounts to civilization. Jim Bridger, famous guide, and J. L. Meek, a trapper and pioneer, were there about 1829. W. A. Ferris, of the American Fur Company, visited the geysers in 1834 and wrote the first published account of them. In 1863, Capt. DeLacy, searching for gold, explored part of the region. Yet,



Young bears sometimes welcome visitors



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Riverside Geyser throws a beautiful arching column over the Firehole River

because of the extraordinary nature of the phenomena, early accounts were discredited, and the Yellowstone remained practically unknown until the explorations of Folsom, Cook, and Peterson, in 1869, were disclosed. The Washburn-Doane expedition of 1870, which included Langford, Hedges, and Everts, and the scientific explorations of Dr.

Hayden, of the Geological Survey in 1871-2, increased its fame and led to its establishment as a national park in 1872.

At first Yellowstone National Park was under the jurisdiction of the United States Department of the Interior, as it is now, but there was a period of years when it was superintended by military authorities.

## The Environs of the Park

**B**YOND the arbitrary boundaries of the Park, particularly to the south, east, and northeast, are rugged mountain areas, famous for scenic beauty.

The Teton Range begins a few miles outside the southern boundary and reaches its highest sublimity 30 miles southward in the spired group of granite peaks that culminates in the Grand Teton, 13,747 feet in altitude. The Grand Teton, chief landmark of the trapper early in the 19th century, is called by Gen. Chittenden "the most interesting historic summit of the Rocky Mountains." At its foot they gathered each spring with the furs collected during the winter. It was scaled in 1871 and in 1898 and has been ascended four or five times in recent years; Mt. Moran's summit, next in lofty majesty, was reached in 1919 and in 1922. The extraordinary thrill that the traveler receives when he first sees these sharp, glacier-bearing crests perhaps exceeds that produced by any other mountains in the nation. They seem to rise in a series of sheer precipices from the shores of Jackson Lake, without any gradual incline to lessen the contrast between their upthrust, cathedral-like pinnacles and the horizontal levels of the plain. At their feet are a number of other small but beautiful lakes, Leigh and Jenny lakes among them.

The surrounding country, in Teton National Forest and known as Jackson Hole, shares the wild grandeur of the mighty peaks. There are many excellent fishing streams and lakes, wooded upland plains and vast forested areas. The region is the foremost big game haunt in the United States, noted especially for its abundance of elk. Yellowstone visitors already regard it as part of the Park. At Old Faithful Inn or Lodge, arrangements may be made for automobile trips to Moran, on the shore of Jackson Lake, where rustic lodges provide accommodations. There are also a number of pleasant "dude" ranches in the vicinity; arrangements should be made in advance for accommodations. A bill is pending in Congress for the annexation of the region to Yellowstone Park.

Another scenic region of high rank surrounds the quaint little mining town of Cooke City, Mont., just outside the northeast corner of the Park, and in the Beartooth National Forest. Probably the chief scenic spectacle in the vicinity is the Grasshopper Glacier, an immense mass of snow and ice far up on the shoulder of Iceberg Peak. Imbedded in the ice, which has cliffs 100 feet high, are millions of grasshoppers, struck down by numberless snowstorms. The contiguous region is one of jagged peaks,



Deer may usually be seen along the less frequented trails



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Beaver Dam. Along the streams in the Park may be seen many evidences of the beavers' skill

chaotic, imperfectly explored canyons, and mountain lakes leaping with trout. Most notable of these lakes is Abundance, so named from its apparently inexhaustible supply of game fish. Trails lead from Cooke City into the lofty peaks, conspicuous among them Pilot and Index, remarkable for their perpendicular, castellated crests. Cooke City, 38 miles from Camp Roosevelt and reached by auto from that place or from Mammoth Hot Springs, has small hotels and a camp nearby; special saddle trips, with guide, are provided.

## Wild Flowers and Forests

Yellowstone is a vast botanical garden. Wild flowers in great variety and profusion add the final exquisite touch to the

beauty of the wonderland. They grow not only on the lowlands, but far up the heights, often beside the melting snowdrifts. Among the characteristic and widely distributed flowers that bloom during the Park season are violets, phlox, mertensia, lupine, larkspur, monkshood, geraniums, harebells, spring lilies, mentzelia, primroses, asters, anemones, shooting stars, iris, orchids, marsh marigolds, buttercups and wild roses. The favorite habitat of the columbine is on Mt. Washburn, upon the slopes of which the wild flower gardens are particularly fine. Forget-me-nots are frequent; wild flax and the Indian paintbrush grow everywhere. Many esteem the exquisite fringed gentian foremost among the floral beauties of the Park.

Some of these bloom early, others in midsummer, while many linger late in the season; so that, no matter when the visitor comes, he will not miss this aspect of the Park's beauty.

Five-sixths of the area of the Park is forested, largely with coniferous trees; approximately three-fourths of the forests consist of lodge-pole pines. Other trees are limber pine, whitebark pine, Englemann spruce, blue spruce, Alpine and Douglas firs, cedar, juniper, and cottonwood; the quaking aspen grows in all



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One of the oldest inhabitants



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Mammoth Paint Pots in Lower Geyser Basin

parts of the Park, furnishing food for deer and beaver.

## Season and Climate

The Park season is from June 19th to September 15th, inclusive. The first Union Pacific *Yellowstone Special* Train departs from Salt Lake City on June 18th, and the first *Yellowstone Express* departs from Pocatello on June 19; and the first automobile stages leave West Yellowstone station, the Union Pacific entrance to the Park, on June 19th. The last date on which the automobile stages will return to West Yellowstone station after a complete tour of the Park, will be September 19th.

The season at which the Park is open to visitors is at a time when life in the mountains is most healthful and delightful. The elevation—7,000 feet—insures cool nights, ideal for refreshing sleep. The days are clear and sunny, but never hot or oppressive. The pure, bracing air, free from fog, carries the wholesome tang of the pine forests. Mean average summer temperatures range from 54 degrees to 64 degrees, with a maximum of 88 degrees. While Yellowstone National Park has never been exploited for its health-restoring features, its pure

waters and equable, bracing climate are undoubtedly of great benefit. Those who remain long enough to enjoy its many open air diversions, among which both the mild and the strenuous are to be found, cannot fail to perceive the invigorating results of the summer outing.

"Taken in all its phases, the climate of the Park is as delightful and healthgiving as it is possible to find," wrote General Chittenden, the foremost authority on Yellowstone. The summer air of the high plateau is cool, fragrant, and invigorating. While there is some climatic variation, each month during the official season has its particular attraction.



Sometimes the bears wait for you beside the road



Bungalow Cottages at Canyon Lodge are typical of the Park's lodge accommodations

## The Park in Detail

### The Geysers

AMONG all the wonders that Yellowstone contains, none is so startling, weird, and impressive as the geysers. Drawing their energy from invisible underground sources, some spouting with clock-like regularity, others, apparently, when they feel like it, these mysterious hot-water fountains fascinate the beholder and leave an indelible record on the memory. In number, in power, variety, and splendor of action, the Yellowstone geysers are unrivaled elsewhere on earth.

The principal geysers are found in three basins in the west-central part of the Park, while smaller groups exist to the south. Other hot water phenomena, exquisitely tinted springs and terraces, mud volcanoes, and innumerable steam vents, are dis-

tributed throughout the Park. Upper, Lower, and Norris Basins, the chief geyser areas, are included in the circuit automobile tour from West Yellowstone as are two smaller intermediate basins, Midway and Biscuit.

First among the geysers of Yellowstone is Old Faithful, the most celebrated geyser in the world. Combining power, volume, beauty, and regularity, it approaches the geyser ideal and never fails to delight the beholder by sending its graceful, spray-draped column skyward at intervals of from 60 to 80 minutes. The Daisy, a smaller, but highly interesting geyser, also plays with pleasing regularity. Other geysers noted for the splendor of their performances are the Giant, Grand, Giantess, Great Fountain,



Old Faithful Inn

and Beehive. Some gush irregularly, days intervening; some play every few minutes; some spout and roar with the intensity of volcanoes, while others play less violently, displaying a variety of individual peculiarities. The Riverside, situated as its name implies, sends a diagonal jet above the stream; the Castle, the Grotto, and the Beehive are noted for their picturesque cones, as also is the Lone Star, in the forest about  $3\frac{1}{2}$  miles southeast of Old Faithful. The Excelsior Geyser, once the greatest on earth, has ceased its activity, although its immense

crater filled with boiling water remains a thrilling sight.

The enchanting delicacy of form and color that distinguishes many of the hot springs has its highest manifestation in Morning Glory and Turquoise Springs, Prismatic Lake, and Emerald Pool. Handkerchief Pool sucks your handkerchief down its throat and returns it laundered by boiling water. Many of the geyser pools, such as Fountain and Oblong, are highly beautiful in repose.

The more important geysers, springs, and pools, are listed below:

UPPER BASIN (OLD FAITHFUL)

| NAME                   | Height of Eruption in Feet | Length of Eruption | Intervals Between Eruptions                          |
|------------------------|----------------------------|--------------------|--|
| Artemisia.....         | 50                         | 10 to 15 min.      | Irregular  |
| Bee Hive.....          | 200                        | 6 to 8 min.        | 3 to 5 times at 12-hour intervals following Giantess |
| Black Sand Spring..... | Beautiful hot spring       |                    |  |
| Castle.....            | 50-75                      | 30 min.            | Irregular  |
| Cub.....               | 60                         | 8 min.             | Irregular  |
| Daisy.....             | 70                         | 3 min.             | 80 to 90 min.  |
| Emerald Pool.....      | Beautiful hot spring       |                    |  |
| Giant.....             | 200-250                    | 1 hour             | 6 to 14 days   |
| Giantess.....          | 150-200                    | 12 to 36 hrs.      | 10 to 20 days  |
| Grand.....             | 200                        | 15 to 30 min.      | 10 to 12 hrs.  |
| Grotto.....            | 20-30                      | Varies             | 2 to 5 hrs.  |

UPPER BASIN (OLD FAITHFUL)

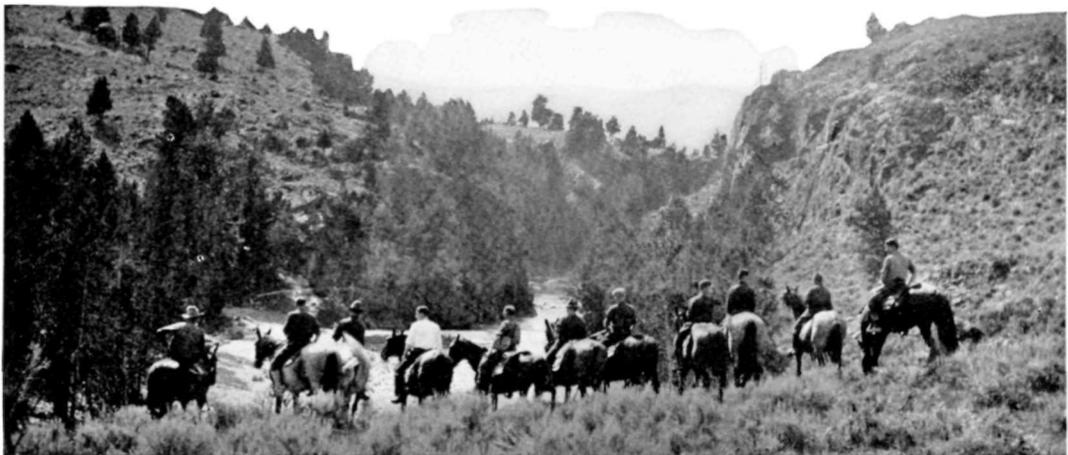
| NAME                      | Height of Eruption in Feet         | Length of Eruption | Intervals Between Eruptions |
|---------------------------|------------------------------------|--------------------|-----------------------------|
| Jewel.....                | 5-20                               | 1 min.             | 5 min.                      |
| Lion.....                 | 50-60                              | 2 to 4 min.        | Irregular                   |
| Lioness.....              | 80-100                             | 10 min.            | Irregular                   |
| Morning Glory Spring..... | Exquisite beauty of form and color |                    |                             |
| Oblong.....               | 20-40                              | 7 min.             | 8 to 15 hrs.                |
| Old Faithful.....         | 120-170                            | 4 min.             | 60 to 80 min.               |
| Riverside.....            | 80-100                             | 15 min.            | 6 to 7 hrs.                 |
| Sawmill.....              | 20-35                              | 1 to 3 hrs.        | Irregular                   |
| Spasmodic.....            | 4                                  | 20 to 60 min.      | Irregular                   |
| Sponge.....               | Small but perfect geyser           |                    |                             |
| Sunset Lake.....          | Beautiful hot spring               |                    |                             |
| Turban.....               | 20-40                              | 10 min. to 3 hours | Irregular                   |

LOWER BASIN

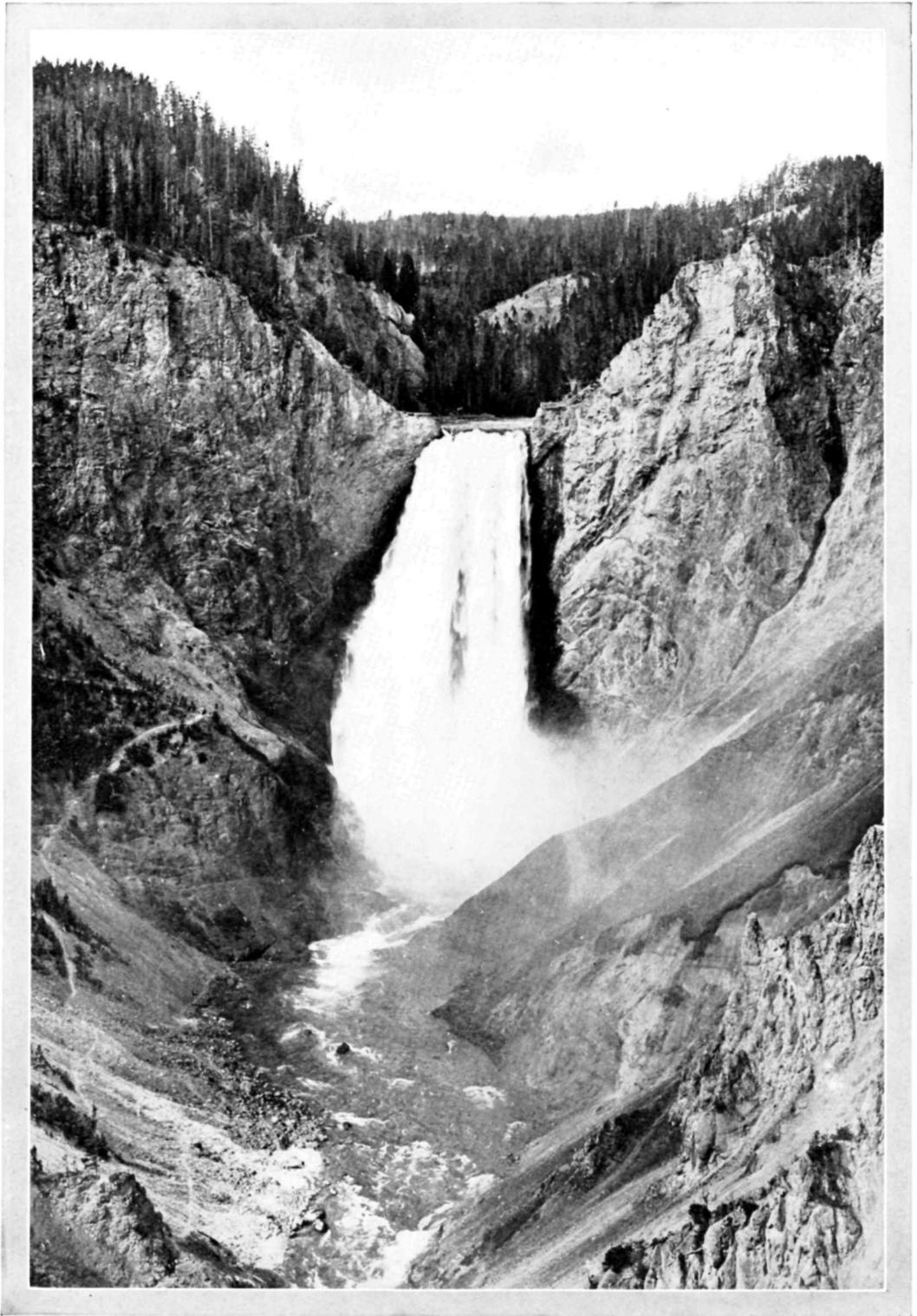
| NAME                    | Height of Eruption in Feet     | Length of Eruption | Intervals Between Eruptions |
|-------------------------|--------------------------------|--------------------|-----------------------------|
| Black Warrior.....      | Few Feet                       | Continuous         |                             |
| White Dome.....         | 40                             | 1 min.             | 40 to 60 min.               |
| Clepsydra.....          | 10-40                          | Short              | 3 min.                      |
| Firehole Lake.....      | Illusion of flames under water |                    |                             |
| Fountain.....           | 75                             | 10 min.            | 2 hours                     |
| Great Fountain.....     | 75-150                         | 45 to 60 min.      | 8 to 12 hrs.                |
| Mammoth Paint Pots..... | Basin of boiling tinted clay   |                    |                             |
| Prismatic Lake.....     | Remarkable coloring            |                    |                             |
| Turquoise Spring.....   | Large, beautiful hot spring    |                    |                             |

NORRIS BASIN

| NAME                | Height of Eruption in Feet | Length of Eruption | Intervals Between Eruptions |
|---------------------|----------------------------|--------------------|-----------------------------|
| Constant.....       | 15-35                      | 5 to 15 sec.       | 20 to 55 sec.               |
| Congress Pool.....  | Large boiling spring       |                    |                             |
| Echinus.....        | 30                         | 3 min.             | 45 to 50 min.               |
| Emerald Spring..... | Beautiful hot spring       |                    |                             |
| Hurricane.....      | 6-8                        | Continuous         |                             |
| Minute Man.....     | 8-15                       | 15 to 30 sec.      | 1 to 3 min.                 |
| Monarch.....        | 100-125                    | 6 min.             | Irregular                   |
| New Crater.....     | 6-25                       | 1 to 4 min.        | 2 to 5 min.                 |
| Valentine.....      | 60                         | 15 to 60 min.      | Irregular                   |
| Whirligig.....      | 10-15                      | Irregular          | Irregular                   |



Horseback trails lead to the inner recesses of the Park



Great Fall from Red Rock, a plunge of 308 feet, and one of the grandest spectacles on earth



Morning Glory Spring has the beautiful form and tints of the flower that gave its name

## Grand Canyon and Great Falls of the Yellowstone

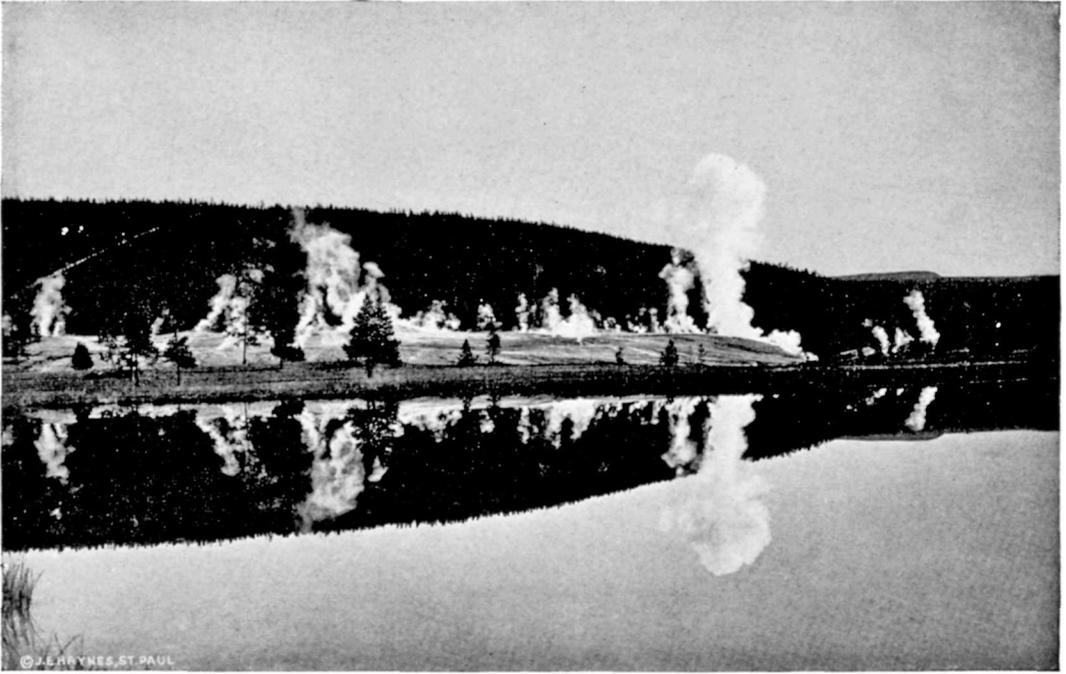
**I**N SHEER, compelling beauty, no single spectacle in the Park approaches the Grand Canyon of the Yellowstone with the Great Falls at its head. It is, in fact, as declared by Gen. Chittenden, "acknowledged by all beholders to stand without parallel among the natural wonders of the globe." Color, glowing color spread over its castellated walls with measureless prodigality and infinite variety is its most striking feature.

The great prismatic gorge is 1,200 feet deep, 2,000 feet wide at the top, and 200 feet wide at the bottom. Its walls are fissured, slashed, etched, and carved into thousands of architectural forms which rise here and there in dizzy groups of gothic spires where eagles make their nests. Over these slopes are gorgeous patterns of color—all the tones of orange and yellow, vivid and pale; rich crimson down the scale to most delicate pink; blacks, grays, buffs, pearly tints, and pure white. Far below, a slender, winding ribbon of green, bordered with white lace, the river flows. Upon the plateau dense forests furnish long borders of dark green and the vault of the sky contributes its varying blue.

The finest aspects of the scene cannot omit the Great Fall of the Yellowstone. There the river becomes perpendicular and leaps with the roar of a thousand dynamos 308 feet to the floor of the kaleidoscopic canyon, losing itself in a whirling nebula of spray which sends graceful streamers of mist incessantly upward. A stairway leads to the crest of the Great Fall, and a trail descends to its foot. Less than half a mile up stream is the Upper Fall, 109 feet high, itself impressively wonderful. The symmetrical beauty of both these falls is heightened by their matchless surroundings. Seen by moonlight, they acquire a softened and mysterious charm that is not to be described.

Talented men have left descriptions of the scene, graphic but inadequate word pictures; usually, these end as did that of Folsom, who beheld the canyon in 1869; "Language is entirely inadequate to convey a just conception of the awful grandeur and sublimity of this most beautiful of nature's handiwork."

Rudyard Kipling wrote: "Without warning or preparation, I looked into a gulf 1,700 feet deep, with eagles and fish-hawks circling far below. And the sides



Upper Geyser Basin, the largest in the Park and the home of Old Faithful

of that gulf were one wild welter of color—crimson, emerald, cobalt, ochre, amber, honey splashed with port wine, snow-white, vermilion, lemon, and silver gray in wide washes. So far below that no sound of strife could reach us, the Yellowstone River ran, a finger-wide strip of jade green. The sunlight took those wondrous walls and gave fresh hues to those that nature had already laid there.”

Of the many view points along the Canyon rim, perhaps the most celebrated are Artist and Inspiration Points. The view from the latter should not be missed by any visitor. Other view points, each disclosing special features and enchanting vistas are Point Lookout, Red Rock, Grand View, and the Castle Ruins, all of them along the road leading to Inspiration Point.

## Mt. Washburn and the Tower Fall Region

**N**ORTHWARD from the Grand Canyon, the automobile road leads, by



Handkerchief Pool, a natural laundry

way of Dunraven Pass over the shoulder of Mt. Washburn, an extinct volcano, 10,317 feet high. By special arrangement and payment of \$2.00 passengers holding Park Tour tickets will be carried to the very summit of the mountain. Upon the slopes of this great peak are lovely gardens of wild flowers, mile upon mile in extent, and of richest variety. From Mt. Washburn's crest the traveler is impressively reminded that he is in the heart of the Rocky Mountains, for noble panoramas of lofty mountains lie south, east, and north, including the matchless Tetons, the wild and rugged Absarokas, the wintry Snowy Range, and the stately Gallatins, with vast intermediate areas of forest rolling away in every direction.



Grand Canyon Hotel Lounge

Tower Fall, a beautiful column of water, 132 feet high and surrounded by bizarre pinnacles of volcanic rock, is near the lower, or northern, end of the Grand Canyon of the Yellowstone; remarkable palisades of columnar basalt overlook the river and in one spot actually project

across the road, while slender spires rise from the depths of the gorge. Camp Roosevelt, in the vicinity, is the starting point for the Fossil Forests, the Grasshopper and other glaciers and the fishing lakes in Beartooth National Forest, near Cooke City.

## Fossil Forests

THE great fossil forests of the Yellowstone truly deserve their name because instead of scattered groups of fallen logs far removed from their place of growth, the petrified trunks remain standing where they first took root. The forests occupy extensive areas in the northeastern part of the Park, on the ridges south and west of Lamar River. The erosion of the valley of this river has caused a deep exposure of the rocks, which were built up during the volcanic period of the Park, disclosing the forest areas which were imbedded during that remote period. The most accessible stands on Specimen Ridge at elevations between 7,000 and 7,500 feet, about six miles southeast of Camp Roosevelt, and may be reached on horseback. There are a few petrified trees about  $1\frac{3}{4}$  miles west of the camp. On the northeastern slope of Amethyst Moun-

tain, about ten miles due southeast of Camp Roosevelt, the forests stand superimposed through 2,000 feet of strata, where they were successively imprisoned



Rocky Mountain sheep

©NPS

# YELLOWSTONE NATIONAL PARK

Scale  
0 5 10 MILES

- Park Tours
- Trails
- Other Roads
- Boundary of Park
- Boundary of Proposed Addition
- Boundary of States
- Railroads
- Continental Divide





Punch Bowl Geyser

by flows of volcanic material, and the lower slopes are covered with fragments displaying beautiful crystals of agate, carnelian, jasper, chrysoprase, and amethyst.

Among the pertified trees of the Yellowstone are more varieties than are found in any other region; they include redwoods (*sequoia*), pines, laurels, bays,

buckthorns, sycamores and oaks. In them are found one of the most perfect natural records which the researches of geologists have ever brought to light. Some of the trunks rise 40 feet above ground, and one redwood measures  $26\frac{1}{2}$  feet in circumference. The wood structure is perfectly duplicated in stone, although its age is estimated to be a million years.

## Mammoth Hot Springs

**A**T Mammoth Hot Springs, hot waters heavily laden with carbonate of lime from subterranean sources have built up a number of terraced eminences exquisitely carved and embossed. Algae living in the cascades that pour down their slopes have painted the fretted basins and sculptured cornices with delicate tones of scarlet, orange, pink, yellow, and blue, while, where the waters have temporarily ceased flowing, the fluted columns and beaded tracteries are snow-white. With the water pouring over their elaborate incrustations, the terraces glow with a matchless harmony of color and seem like living organisms. The history of the hot springs is that of constant change, making the permanency of their deposits much less than that of other spring formations in the

Park. In fact, the terraces grow and change so rapidly that in building up their dainty architecture full grown trees have been engulfed by the deposit.

The beauty of the individual terraces often varies from year to year with the flow of hot water, and this adds changing variety to the charm of the entire group. Pulpit, Minerva, Mound, Jupiter, Cleopatra, Angel, and Hymen terraces, Orange Spring, the White Elephant, and the Devil's Kitchen are perhaps the most striking features. The Devil's Kitchen is a steam-heated cavern that may be descended by means of ladders as far as comfort permits. Liberty Cap, the hardened cone of an extinct hot spring, now stands like a monument, forty feet above the formation.



Grasshopper Glacier, near Cooke City

The steaming, tinted terraces, with the nearby administration buildings, are surrounded by mountains—the long, palisaded battlements of Mt. Everts, to the east; the rounded dome of Bunsen Peak, to the south; the peaks of the Gallatin Range in the west; and the rugged masses

of the Snowy Range in the north. Side trips may be made to Bunsen Peak, Electric Peak, Mt. Everts, Osprey Falls, Sepulchre Mountain, Boiling River, to the herd of buffalo in a corral on the road to Bunsen Peak, and other places of interest.]

## Sanctuary for Wild Life

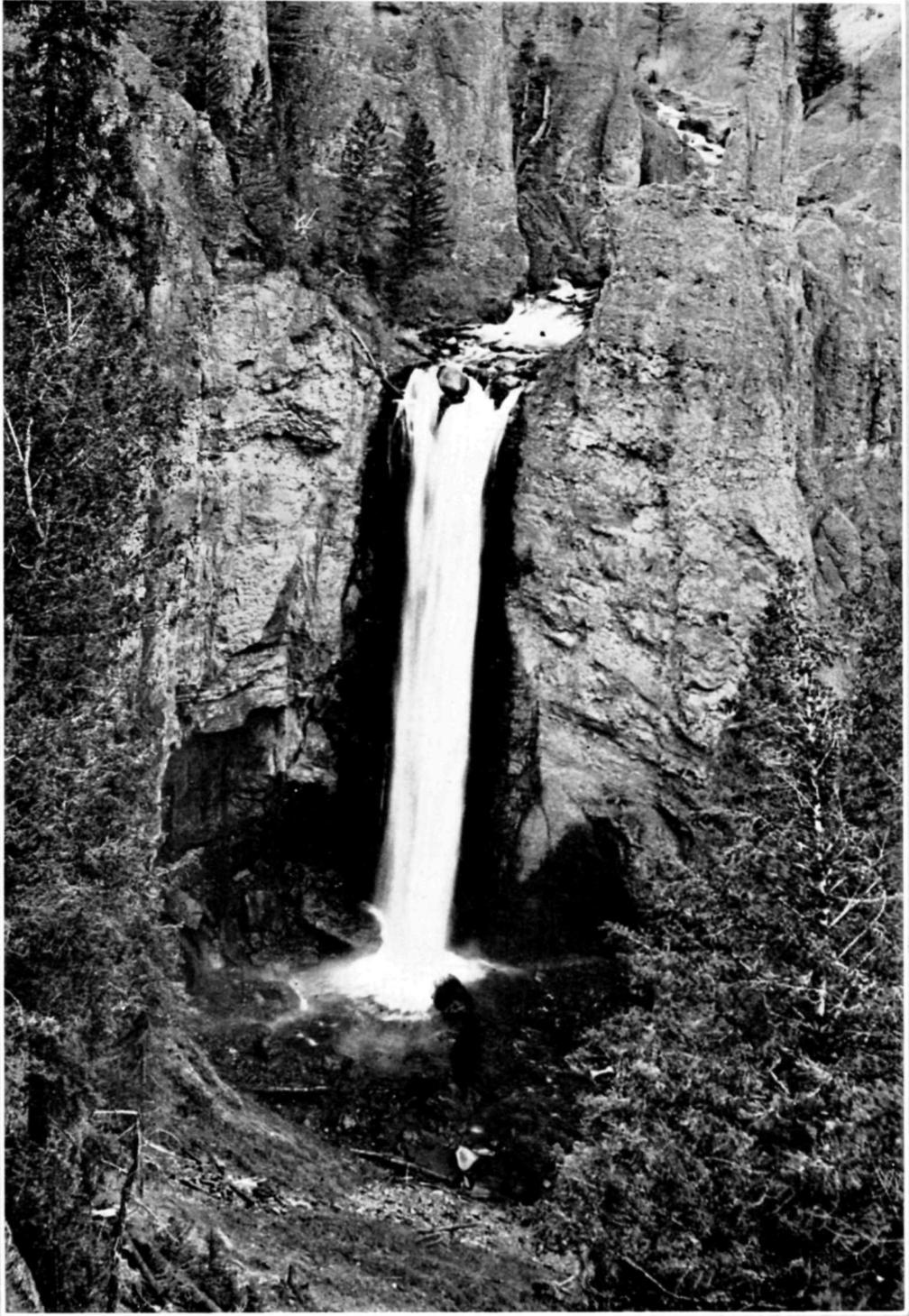
THE success of this largest of natural zoological Gardens is established by the mute testimony of the wild animals themselves. Because of the protection given them, they have increased and multiplied, and they have lost much of their fear of man. All of them are harmless unless interfered with or annoyed. Hunting them with the camera is encouraged, but no other kind is permitted. Automobile travelers

along the main highway during the season may not always see even the most common species; the patient traveler on the nearby trails, however, may often see bears, elk, deer, and antelope; and by walking or riding horseback to their known retreats, he may see moose, mountain sheep, and buffalo.

Bears are perhaps first in interest. Black and brown bears are numerous and may usually be seen during the



One of the Park's permanent residents



Tower Fall drops 132 feet

early morning or evening feeding upon the kitchen scraps given them by the hotels and camps. Your vacation time is theirs also, for then they do not have to search for food. They are playful, sometimes friendly, and will boldly steal anything edible. Occasionally, a grizzly joins the feast and is treated with marked respect. A mother bear with young cubs is always a charming sight. It is inadvisable to approach the bears too closely, no matter how good humored they seem.

There are three herds of buffalo (American bison) in the Park. One, numbering some 846, ranges up the Lamar River and in the valley of Cache Creek. This herd roams far from highways and its location should be ascertained from the Superintendent. During the summer, a "show herd" is kept in a corral near Mammoth Hot Springs for the observance of tourists. The other unrestrained herd, numbering from 85 to 125, roams between Yellowstone Lake and the Lamar River.

The number of elk in the Park is estimated to be 20,000; they spend the spring and summer above the timber-line in the

mountains and frequently roam outside its boundaries. Special trips to the north end of Yellowstone Lake and to Specimen Ridge often result in seeing a number of them. There are more than 500 moose, principally in the southern parts. Antelope are common in the open valleys of the Yellowstone, Gardiner, and Lamar Rivers. Mountain sheep live in the northern ranges of the Park, and mule deer may be seen in all its parts. Beavers are fairly abundant along most of the streams and their dams and houses are always sources of interest. Among other smaller animals are foxes, otters, badgers, minks, martens, wolverines, porcupines, woodchucks, and several varieties of chipmunk, squirrel, and rabbit.

More than two hundred species of birds are found in the Park. Among them are eagles, hawks, falcons, owls, kingfishers, gulls, pelicans, ducks, geese, swans, herons, cranes, snipes, plovers, grouse, woodpeckers, blackbirds, larks, jays, magpies, tanagers, finches, swallows, waxwings, warblers, wrens, robins, thrushes, and bluebirds.

## Lively Fishing Waters

**T**HE native game fishes of Yellowstone, which is indeed a fisherman's paradise, are grayling and cutthroat trout, while the whitefish, which also is a native, may be so classed. The game fishes introduced by the Government are rainbow, Loch Leven, European brown or Von Behr, Eastern brook, and lake trout. These species are replenished through annual plantings by the Bureau of Fisheries.

Nearly all of the lakes and streams of the Park, from those within easy distance of hotels and camps to the most remote, contain one or more species of trout and a few contain whitefish and grayling. Naturally the more distant waters offer the

readiest sport. Good fishing may be had in Yellowstone Lake and River, and the Madison, Gibbon, and Firehole Rivers, which are reached by the main highways. But in the less visited lakes and streams, the sport attains a pinnacle of excellence that delights the angler. A Government booklet, "Fishes of the Yellowstone National Park," revised each season, gives detailed accounts of the fishing in the principal lakes and streams; it is issued by the U. S. Bureau of Fisheries, Washington, D. C.

Those who come unprepared may rent fishing equipment at any of the hotels or lodges, or may purchase it at the general stores. No license is required.



Beehive Geyser spouts 200 feet at irregular intervals



Grotto Geyser has the most curiously formed cone of all

## Excursions on Yellowstone Lake

**F**EW lakes on earth surpass Yellowstone Lake, both in area and elevation. Its surface covers approximately 139 square miles and it is nearly a mile and one-half above the level of the sea. The jagged, snowy Absarokas stand in the east; to the south, Mt. Sheridan, part of the rim of a huge, extinct volcano. There are brilliant "paint pots," hot springs, and one active geyser, the Lake

Shore, on the West Thumb shore; the famous Fishing Cone also stands there. Motor and row boats may be engaged from the boat company near Lake Hotel and Lodge at reasonable rates authorized by the Government, and many interesting trips to the distant shores, such as those to The Thumb and to the Southeast Arm, may be made.

## Hotels and Lodges

**V**ISITORS may stop at the hotels or the lodges, whose standards are established and supervised by the Federal Government. Both hotels and lodges are situated in the vicinity of the chief attractions. Each of the four hotels is individual in architecture, spacious, completely equipped with modern conveniences. The lodges are little villages of comfortably furnished cabins and bungalow-tents, with central dining and social halls.

Old Faithful Inn, in Upper Geyser Basin, is a great hotel of native logs and stone, noted for its original architectural beauty and its pleasing harmony with its surroundings. Pilasters, braces, and bal-

ustrades of natural branches from the neighboring forests produce a delightful blend of art and rusticity. In the wide and lofty lobby, with its sepia tones of bark, the guest may easily fancy himself in the depths of the forest. In the massive fireplace an ox might be roasted whole. At night a searchlight plays from the roof of the Inn on the ghostly column of Old Faithful Geyser and on the bears feeding in the woods.

Old Faithful Lodge, typical of the permanent lodges in Yellowstone, is a village of cozy cabins and bungalows, the latter floored and wainscoted with wood to a height of four feet and walled with canvas; both kinds are completely



Gibbon Falls. On one side a glittering torrent, on the other thin ribbons of silvery spray

screened, and roofed with asbestos. The bungalows and cabins, which are electric-lighted and heated by wood-burning stoves, are of one, two, and four-room capacity. There are large social assembly halls, and dining halls where excellent meals are served in family style.

Both hotel and lodge in Upper Geyser Basin are in the immediate vicinity of Old Faithful, with other great geysers but short distances away.

Upon an attractive site at the northern end of Yellowstone Lake are Lake Hotel and Lake Lodge.

Grand Canyon Hotel, near the Grand Canyon and Great Fall, is one of the finest of resort hotels. Handsome in design, impressive in size, its appointments and service are of exceptionally high standard. A feature of the hospitality is the Lounge, a beautiful social chamber 200 feet long, 100 feet wide, and enclosed

by an unbroken series of windows. Canyon Lodge, recently enlarged, is on the south rim of the Grand Canyon, immediately east of the Great Fall.

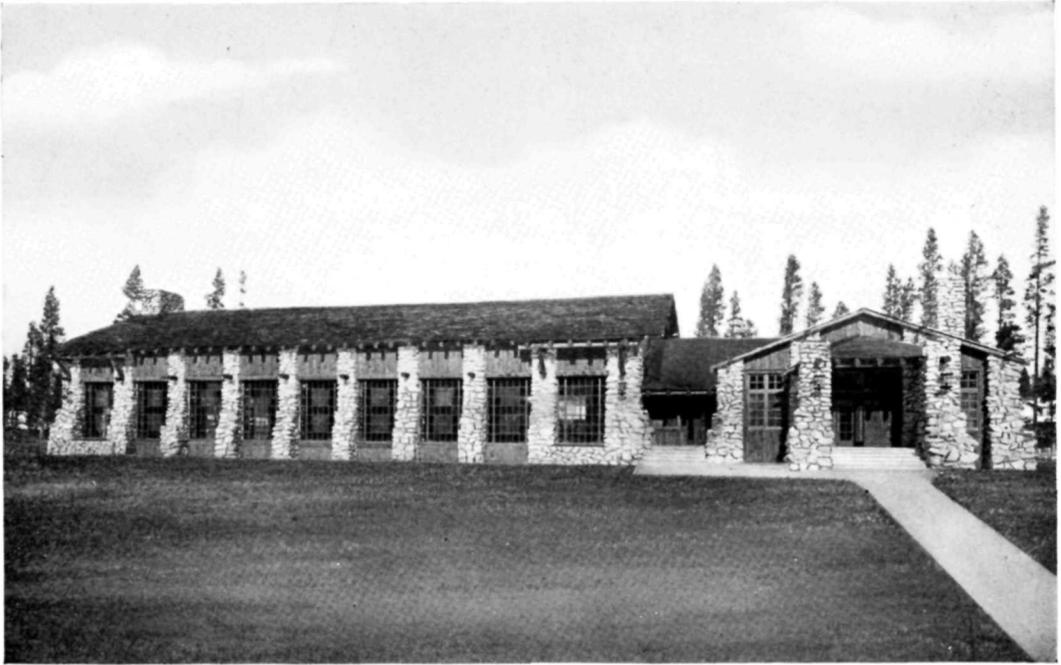
Camp Roosevelt, near Tower Fall, is in a region where exceptional opportunities for fishing and observing wild life may be had. It is the starting point for the fossil forests, the buffalo ranch, and the strange Grasshopper Glacier, near Cooke City, Montana.

At Mammoth Hot Springs both hotel and lodge are adjacent to the Terraces and other scenic features of the locality.

The National Park Service furnishes free nature guide service to the chief phenomena in the immediate vicinity; frequent trips afield, so arranged as to be convenient to everybody, are made at Mammoth Hot Springs, Old Faithful, and Camp Roosevelt; free lectures are given to visitors. Dances



Yellowstone is a fisherman's paradise



The New Union Pacific Dining Lodge at West Yellowstone

and other amusements are frequently provided in the evening. Outdoor diversions are featured at the lodges, where impromptu entertainments are given around the campfires. Books, pictures, candy, postage stamps, films, souvenirs, equipment for fishing and touring, etc., may be purchased. Bathing pools are located

at Mammoth Hot Springs and Upper Geyser Basin. Horses and guides may be hired at any hotel or lodge. Trained nurses are stationed at each hotel and lodge, and there are also adequately equipped dispensaries; at Mammoth Hot Springs a fully equipped hospital is maintained.

## Automobile Transportation

THE Yellowstone Park Transportation Company, supervised by the Government, operates automobiles on regular schedules from West Yellowstone, Montana (the only rail entrance directly on the park boundary), connecting with the Union Pacific System's "*Yellowstone Special*" every morning and with the "*Yellowstone Express*" every afternoon, and from other entrances, to all hotels and lodges and to the principal scenic points.

The transportation equipment consists of powerful eleven-passenger automobiles with removable tops and designed especially for Yellowstone Park service. Driven by experienced chauffeurs, they run along the 302 miles of smooth roads on convenient schedules. Stop-overs may

be had at any hotel or lodge en route. The complete loop trip from West Yellowstone to West Yellowstone includes 168 miles of motoring.

The milepost system in Yellowstone Park is made up of diamond-shaped steel signs with raised letters, which are in every case initials of a junction point on the loop road system or of a Park gateway.

Travelers holding regular Park Tour coupons may charter special touring car for complete tour upon payment of \$25.00 per day additional, minimum party of five adult fares.

Six-passenger touring cars for special trips may be engaged by personal arrangement with the transportation company at \$6.00 an hour. All transportation charges are fixed by the Government.



West Yellowstone Station (Union Pacific System) at the entrance to the Park

## Trails and Side Trips

DELIGHTFUL and comprehensive as is the regular automobile trip through the Yellowstone, the visitor who has enjoyed it need not suppose he has seen all that the 3,348 square miles of the Park have to offer. Other motor trips of absorbing interest may be made, and there are several hundred miles of trails leading to lakes and streams populous with hungry fish; to the secluded haunt of buffalo, moose, and elk; to picturesque geological formations, strange old mining villages, and little known peaks and glaciers. For extended trail trips, guides are desirable, but those who wish to go alone should first consult the Superintendent's office or the nearest Park Ranger, and equip themselves with accurate map.

Several villages near the Park are headquarters for guides and outfitters with whom arrangements may be made for saddle-horse trips through Yellowstone; their names and addresses may be obtained from the Park Superintendent.

Saddle and pack horses may be hired at West Yellowstone and at hotels and

lodges at Upper Geyser Basin, Grand Canyon, Mammoth Hot Springs, and at Camp Roosevelt; the rate (without guide) is 75 cents per hour; \$2.50 per half day; \$3.50 a full day. Mounted guides may be engaged for \$5.00 a day.

Among the many interesting horse-back trips are those to Lewis, Shoshone, and Heart Lakes, Bechler River Canyon, Big Game Ridge and Amethyst Mountain.



A friendly woodchuck



Pulpit Terrace, Mammoth Hot Springs

## The Way to Yellowstone Park—Union Pacific

YELLOWSTONE National Park is unique among the wonders of the world. To go there via the Union Pacific adds much to the enjoyment because one may also visit Denver, Colorado, and Ogden and Salt Lake City, Utah, without additional rail cost.

The route of the Union Pacific System is full of intense historical interest, and much of it is famous for picturesque beauty. The Union Pacific is the first transcontinental railroad, a route followed in succession by the fur traders, the Mormon pioneers, the gold hunters of '49, the overland stage coach and the pony express. The perils faced by the builders of the Overland Route read like a thrilling novel of adventure. Westward from Nebraska and Kansas, practically every mile of construction was viciously opposed by Sioux, Pawnee or Arapahoe warriors and many names famous in history are associated with these battles on the plains.

The train accommodations offer the highest standard of personal comfort, the roadway is a masterpiece of engineering, and powerful locomotives maintain on-time schedules. The train personnels are chosen for ability and courtesy. The

road from Chicago and Omaha to Ogden and Salt Lake City is double track; all of it is ballasted to extraordinary smoothness with resilient Sherman gravel and protected by automatic safety signals. Handsome new dining cars provide excellent meals.

The Union Pacific operates fast through trains from Chicago, via Omaha, to Ogden and Salt Lake City, and from St. Louis, via Kansas City and Denver, with through sleepers for West Yellowstone. Connections are made at Ogden or Salt Lake City with the noted *Yellowstone Special* and at Pocatello, Idaho, with the *Yellowstone Express*. These two daily trains are operated during the season specifically for travelers to Yellowstone Park. The *Yellowstone Special* with observation and standard sleeping cars, leaves Salt Lake City and Ogden every evening and reaches West Yellowstone, Mont., in time for breakfast next morning. The *Yellowstone Express* leaves Pocatello every morning (through sleeping cars from Salt Lake City every night) and arrives at West Yellowstone in midafternoon; an observation car is carried, and luncheon is served in the dining car.

Through sleepers are operated during the season from the Pacific Northwest to West Yellowstone; and from Los Angeles and San Francisco trains connect with the *Yellowstone Special* at Salt Lake City and Ogden. High-powered automobiles meet each train for the tour of Yellowstone National Park.

West Yellowstone, Mont., the Union Pacific station, is the only railroad entrance directly on the boundary of Yellowstone National Park. Sight-seeing in the park commences immediately upon departure from the station, and the automobiles proceed directly to the great geysers surrounding Old Faithful without any loss of time. A handsome new Union Pacific dining lodge at West Yellowstone provides unsurpassed meals.

Denver may be visited without additional rail transportation cost on through tickets. Denver is the gateway to many famous resort regions in the Rockies, including the Alpine grandeur of Rocky Mountain National (Estes) Park and the Colorado National Forests, all of which may easily be combined with the Yellowstone National Park tour.

Through Wyoming and over the Continental Divide there is a continuous succession of impressive panoramas. In Echo and Weber Canyons, where the Union Pacific penetrates the Wasatch Mountains, the deep winding gorges lie 4,000 feet below the enclosing peaks, and a mountain stream dashes beside the tracks, on its way to Great Salt Lake.

A side trip from Ogden to Salt Lake City and return, with stop-over, will be given without charge on round trip tickets to Yellowstone Park via Union Pacific from Cheyenne, Denver or points east or south thereof, also on transcon-

tinental tickets via Union Pacific between Cheyenne, Denver or points east or south thereof and points beyond Pocatello, Ogden, or Salt Lake City, on which side trip from Ogden to West Yellowstone is made. Side trip tickets may be obtained from any Union Pacific representative or ticket agent at Ogden.

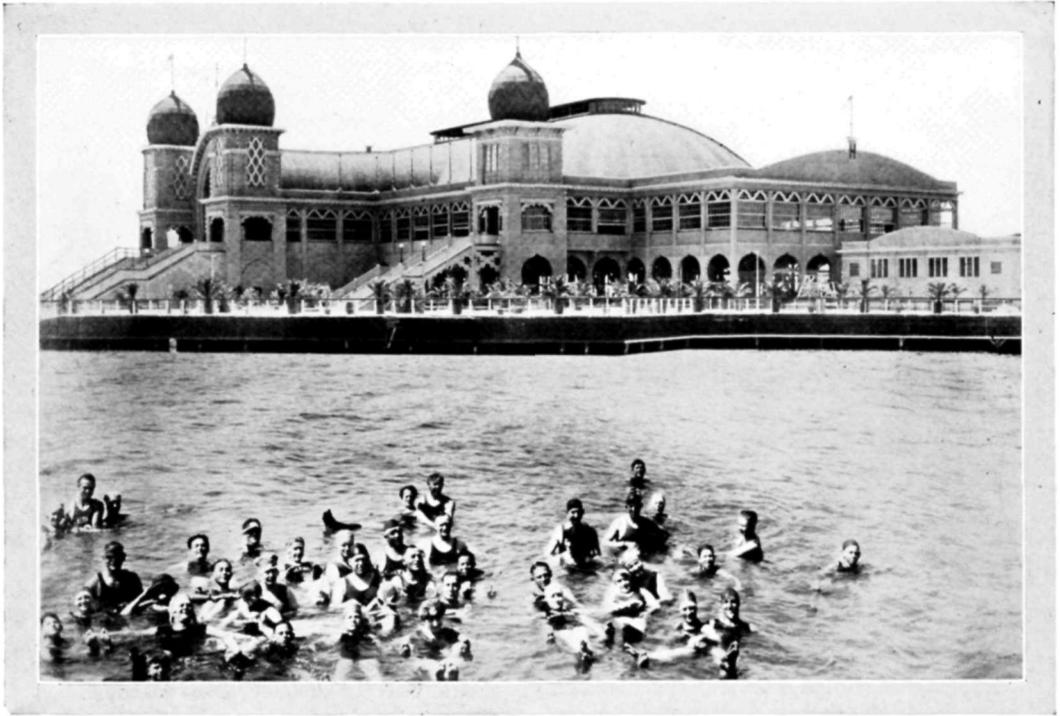
Salt Lake City is a city of marked beauty and individuality, at the base of the Wasatch Mountains; the chief features of interest are the Mormon Temple and the Tabernacle (free recitals on the superb organ are given daily except Sunday), the Deseret Museum, the canyons of the Wasatch, and Great Salt Lake. No one should miss bathing in the unbelievably buoyant waters of the lake at new Saltair Beach, reached by fast electric cars. A few miles from the thriving city of Ogden, Utah, is Ogden Canyon, a deep, romantic gorge in the Wasatch Mountains, reached by electric cars; "The Hermitage," a noted and picturesque resort, is situated there.

From Salt Lake City, convenient side trips may be made to the wonderful color lands in Southern Utah—Zion National Park, Bryce Canyon and Cedar Breaks, and on through beautiful Kaibab National Forest with its thousands of deer, to the grandeur of Grand Canyon National Park. Commodious motor busses make regular five-day tours of the entire region, with shorter trips to individual attractions. A modern hotel and attractive lodges and camps provide accommodations that are completely comfortable, and the dining rooms serve excellent meals. Very attractive rates are obtainable for combination tours of Yellowstone, Zion and Grand Canyon National Parks, and Bryce Canyon.



© HAYNES

Jackson Lake, Mt. Moran and the Tetons



Bathers and the New Casino, Saltair Beach



Floating in Great Salt Lake

## Tickets to Yellowstone Park

**D**URING the Park season, round-trip excursion tickets at reduced fares are sold at practically all stations in the United States and Canada to West Yellowstone, Mont., as a destination. Such tickets reading via Union Pacific from eastern cities will, upon request, be honored via Denver without extra charge, thus affording opportunity to visit Rocky Mountain National Park. From the East, Middle West and South, round-trip excursion tickets may be routed so that passenger may enter the Park at West Yellowstone and depart from either Lander, Gardiner, Cody, Gallatin or Bozeman.

Passengers desiring to visit Yellowstone National Park as a side-trip in connection with journeys to other destinations may obtain stop-over privileges on both one-way and round-trip tickets (during Park season) at Ogden or Salt Lake City, Utah, or Pocatello, Idaho. The round-trip side-trip fare to West Yellowstone is \$15.10 from either Ogden or Salt Lake City.

From Pocatello round-trip side-trip fare on tickets reading between Denver, Colorado Springs or Pueblo Colorado, Cheyenne, Wyoming, Missouri River Gateway, and points east or south thereof on the one hand, and Pendleton, Oregon, and points beyond on the other hand, will be \$3.92. And to holders of tickets reading to or from points east of Pendleton, Oregon, through Pocatello, Idaho; also to holders of tickets reading between or west of Denver, Colorado Springs or Pueblo, Colorado, and Cheyenne, Wyoming, on the one hand and Pendleton, Oregon, and points west thereof on the other, the round-trip side-trip fare from Pocatello to West Yellowstone will be \$8.70.

Coupons covering automobile transportation and accommodations at the hotels or lodges for the "4½ Day" tour of the Park may be included in railroad tickets at authorized additional charges, which are the same as those in effect at the Park.

| Cost of "4½ Day"<br>Park Tour from<br>West Yellowstone | Including Motor<br>Transportation and<br>Meals and Lodging |                        | Motor<br>Transportation<br>Only |
|--|--|------------------------|---------------------------------|
|  | At Hotels  | At Lodges<br>and Camps |                                 |
| For adults, and children<br>12 years old and over      | \$54.00  | \$45.00                | \$25.00                         |
| For children 8 years old<br>and under 12 years . .     | 41.50  | 32.50                  | 12.50                           |
| For children 5 years old<br>and under 8 years . . .    | 27.00  | 22.50                  | 12.50                           |

The hotel lodgings for 4½ day tour are those provided for in the minimum American plan hotel rate of \$6.50 per day and do not include bath. The American plan hotel rates per day providing for room with private bath (according to location) are:

1 person in room, \$10.00 to \$11.00. 2 persons in room, \$9.00 to \$10.00 per person. 4 persons in 2 rooms with bath between, \$8.50 to \$9.00 per person. 5 or more persons in 3 or more rooms, en suite, with one bath, \$7.50 to \$8.00 per person. When room with bath is used at hotels allowance of \$6.50 per day will be made to holder of a \$54.00 ticket.

The charge for the 4½ day tour includes 14 meals and 4 lodgings. Passengers using the tours leaving West Yellowstone in the afternoon (3.45 p.m.), are entitled to a refund of the charge for 2 meals in connection with the tour both ways via West Yellowstone and one meal each in connection with others. Refunds will be made by the Yellowstone Park Hotel Company, or Lodges and Camps Company, as case may be, when Park ticket is issued to passenger at West Yellowstone.

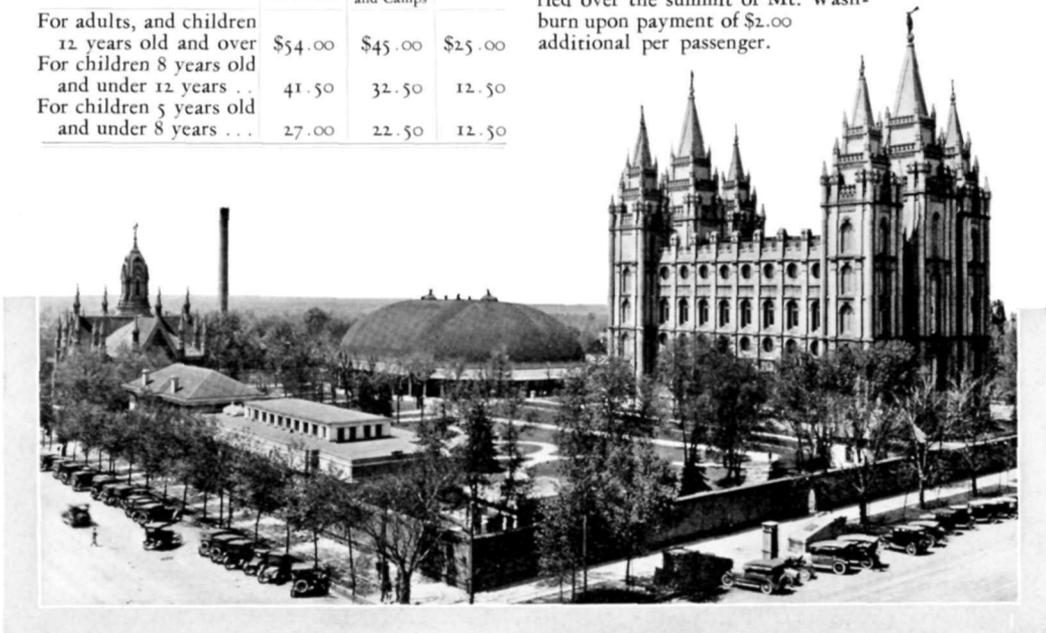
The Park tour charges do not include breakfast at West Yellowstone station, which is served table d'hote, price \$1.25, in the Union Pacific restaurant.

Longer time than provided by the regular "4½ Day" tour may be spent at stop-over points, if desired. Additional meals and lodging are charged for at the rate of \$6.50 a day at hotels and \$4.50 a day at the lodges.

Through tickets are *not* sold including either hotel or lodge accommodations for children under eight years of age, but half rate covering meals and lodging will be made locally in Yellowstone Park by the Yellowstone Park Hotel Co. and the Yellowstone Lodges and Camps Company for children under eight years of age.

The Yellowstone Park Transportation Company will make one-half rate for children five (5) and under twelve (12) years of age. Children under five (5) years of age will be carried free when accompanied by parent or guardian.

Holders of regular Park Tour tickets will be carried over the summit of Mt. Washburn upon payment of \$2.00 additional per passenger.

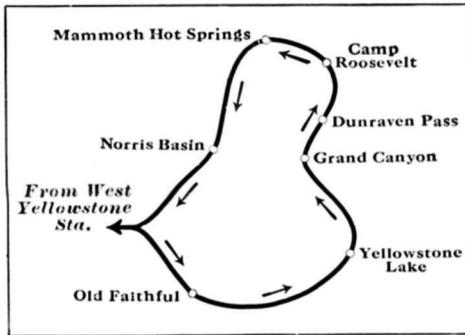


The Mormon Shriners at Salt Lake City



Norris Geyser Basin, where the very ground hisses and bubbles

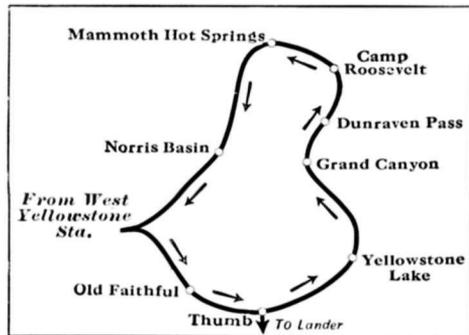
## Schedules of Automobile Tours Through the Park



### In West Yellowstone, Out West Yellowstone

Leave West Yellowstone 9.00 a.m. Stop-overs at Mammoth Paint Pots and Lower Geyser Basin. First night at Old Faithful. Second day arrive Yellowstone Lake, with stop-over at Thumb Paint Pots. Second night at Lake Hotel or Lodge. Third day arrive Grand Canyon, with stop-over at Artist or Inspiration Point. Third night at Grand Canyon. Fourth day arrive Mammoth Hot Springs, with stop-overs at Dunraven Pass and Camp Roosevelt. Fourth night at Mammoth Hot Springs. Fifth day arrive West Yellowstone 4.50 p.m., with stop-over at Norris Geyser Basin.

Leave West Yellowstone 3.45 p.m., same route, stop-overs and lodgings as above, arriving West Yellowstone 12.00 noon fifth day.



### In West Yellowstone, Out Lander

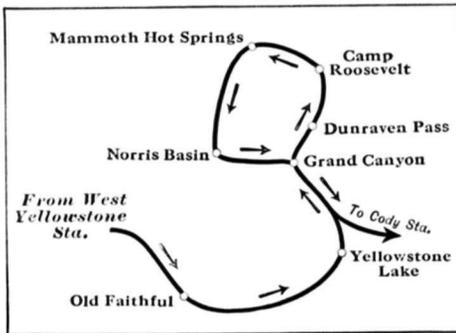
Leave West Yellowstone 9.00 a.m. Stop-overs at Lower Geyser Basin, Old Faithful, Mammoth Paint Pots, and Thumb Paint Pots. First night at Lake Hotel or Lodge. Second day arrive Grand Canyon, with stop-over at Artist or Inspiration Point. Second night at Grand Canyon. Third day arrive Mammoth Hot Springs, with stop-overs at Dunraven Pass and Camp Roosevelt. Third night at Mammoth Hot Springs. Fourth day arrive Old Faithful, with stop-overs at Norris Basin, Mammoth Paint Pots and Lower Geyser Basin. Fourth night at Old Faithful. Fifth day arrive Jackson Lake Lodge, near Moran. Fifth night at Jackson Lake Lodge. Sixth day arrive Lander 5.00 p.m.

Leave West Yellowstone 3.45 p.m. Same route and stop-overs as above. First night at Old Faithful, second at Lake Hotel or Lodge, others same as above, arriving Lander 5.00 p.m., sixth day.



The Hermitage, a picturesque resort in Ogden Canyon, a few miles from Ogden, Utah

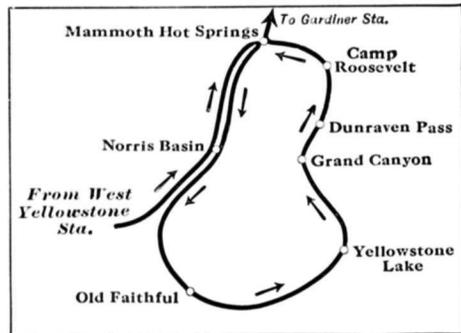
## Schedules of Automobile Tours Through the Park



### In West Yellowstone, Out Cody

Leave West Yellowstone 9.00 a.m. Stop-over at Mammoth Paint Pots and Lower Geyser Basin. First night at Old Faithful. Second day arrive Yellowstone Lake, with stop-over at Thumb Paint Pots. Second night at Lake Hotel or Lodge. Third day arrive Mammoth Hot Springs via Grand Canyon, with stop-overs at Artist or Inspiration Point, Dunraven Pass and Camp Roosevelt. Third night at Mammoth Hot Springs. Fourth day arrive Grand Canyon via Norris Geyser Basin. Fourth night at Grand Canyon. Fifth day arrive Cody 4.55 p.m., with stop-over at Sylvan Pass Lodge and Shoshone Canyon and Dam.

Leave West Yellowstone 3.45 p.m., same route, stop-overs and lodgings as above, arriving Cody 4.55 p.m., fifth day.



### In West Yellowstone, Out Gardiner

Leave West Yellowstone 8.45 a.m. First night at Mammoth Hot Springs. Second day arrive Old Faithful, with stop-overs at Mammoth Paint Pots and Lower Geyser Basin. Second night at Old Faithful. Third day arrive Yellowstone Lake, with stop-over at Thumb Paint Pots. Third night at Lake Hotel or Lodge. Fourth day arrive Grand Canyon, with stop-over at Artist or Inspiration Point. Fourth night at Grand Canyon. Fifth day arrive Gardiner 6.52 p.m., via Mammoth Hot Springs, with stop-overs at Dunraven Pass, Camp Roosevelt and Gardiner Canyon.

Leave West Yellowstone 3.45 p.m., same route, stop-overs and lodgings as above, arriving Gardiner 6.52 p.m., fifth day.



Longs Peak, Rocky Mountain National Park, Colorado

## Park Administration

Yellowstone National Park is under the jurisdiction of the Director, National Park Service, Department of the Interior, Washington, D. C. The Park Superintendent is located at Mammoth Hot Springs.

## What to Wear

Warm clothing should be worn, and one should be prepared for the sudden changes of temperature common at an altitude of 7,500 feet. Visitors should have medium weight overcoats, jackets, or sweaters. Riding breeches and puttees are popular with both men and women who like to climb, ride, and tramp. Linen dusters are desirable and may be purchased in the Park. Stout shoes are best suited for walking about the geyser formations and terraces, and for mountain use. Tinted glasses, serviceable gloves and a pair of field or opera glasses will be found useful.

## Women Tourists

Fully 60 per cent of the Park visitors are women and many of them travel unescorted. There are competent women attendants at the hotels and lodges whose special duty is to look after the welfare of women and contribute to their comfort and enjoyment.

## Bath Houses

Natural hot-water bathing pools are maintained at Upper Geyser Basin and Mammoth Hot Springs. Rates, 50 cents in large pool at Old Faithful and Mammoth; \$1.00 in private pool at Old Faithful.

## Church Services

The chapel in Yellowstone National Park is located at Mammoth Hot Springs. Protestant and Catholic services are held every Sunday, and as bulletined in hotels and lodges.

## Medical Facilities

Physicians and a surgeon of long professional experience have headquarters at Mammoth Hot Springs and are constantly available for professional service at any place in the Park, upon call. Also at Mammoth Hot Springs is a well-equipped hospital with trained nurses and other skilled personnel. Trained nurses are also stationed in each hotel and lodge, and adequately equipped dispensaries are available. Rates for medical and hospital service are the same as prevailing rates in cities near the Park.

## Guide and Lecture Service

The National Park Administration has established a nature guide service at Mammoth Hot Springs, at Old Faithful, and at Camp Roosevelt, where guides and lecturers are maintained on the ranger force to explain and interpret Park features to the public. Trips are made afield, and are so arranged as to be available to everybody. This service is free, as are the lectures given in the evening at Mammoth Hot Springs on the history, geology, flora and fauna of the Park.

At Mammoth Hot Springs is a combined museum and information office near the administration headquarters and post office.



Looking over Denver's Civic Center to the Rockies

## Mail and Telegrams

Mail addressed to travelers in care of Yellowstone Park Hotel Co., or Yellowstone Park Lodge & Camps Co. (whichever patronized) at Yellowstone Park, Wyoming, will be delivered to the person addressed anywhere in the Park. Likewise, telegrams so addressed will be forwarded by the Telegraph Company to the hotel or lodge at which the traveler is registered.

## Baggage

The Yellowstone Park Transportation Company will carry free, not to exceed twenty-five pounds of hand baggage, for each passenger. Trunks cannot be carried in the automobiles. Arrangements can be made with the Transportation Company at any of the gateways for the transportation of trunks.

The liability of the Yellowstone Park Transportation Co., for loss of or damage to suitcase or grip is limited to \$25.00, and for loss of or damage to trunk liability is limited to \$100.00. Passengers desiring additional protection to baggage may obtain an insurance policy at small cost from the Transportation Agent at West Yellowstone.

Storage charges for baggage will be waived by the Union Pacific System at West Yellowstone Station, Pocatello, Idaho Falls, Ogden or Salt Lake City, for actual length of time consumed by passengers in making Park trip. Baggage may be checked to West Yellowstone station and passengers entering the Park via one station and leaving via another station will find certain regulations for free checking of baggage to station whence they leave the Park.

## Haynes Picture Shops

Pictures, albums, guide books, postcards, camera supplies and printing and developing service may be had at Haynes Picture Shops located in the hotels and lodges and elsewhere in the Park.

## Special Automobile Service

Passengers holding coupons for regular Park Tour may charter special touring car for complete tour upon payment of \$25.00 per day additional, minimum of five adult fares. Special six-passenger cars are available for short trips in vicinity of hotels and camps at \$6.00 per hour.

## Saddle Horse Trips and Guides

Saddle horses and competent guides are available at the hotels and lodges at reasonable rates approved by the National Park Service. Horseback trips afford opportunities to get far away from roads and beaten paths into the remoter scenic regions and to see many of the more timid wild animals that inhabit the Park.

## Consult Union Pacific Representative

Any Union Pacific representative listed on page thirty-nine will be glad to help you plan a trip to Yellowstone National Park or to any other places reached by the Union Pacific System. Information not contained in this booklet will be furnished by our travel experts. This service is free. Ask about personally escorted all-expense tours.



Weber Canyon, Utah, seen from Union Pacific trains en route to Salt Lake City and Yellowstone

#### Escorted All-Expense Tours to Yellowstone and Rocky Mountain National Parks

**I**F YOU wish a real, care-free two-weeks' vacation in these two great national parks, our Department of Tours can provide your requirement. At moderate cost, and with each detail affecting your comfort arranged in advance, these tours leave Chicago every Monday, Thursday, and Saturday, beginning June 16, and continue throughout the Yellowstone Park season, escorted by a courteous, well informed travel representative.

Such a tour is a real vacation because the escort eliminates every vexatious element by making all arrangements in advance, and leaves you free to sit back and enjoy every minute.

The tour gives you approximately 500 miles of delightful motor travel, includ-

ing special sight-seeing trips in Denver and Salt Lake City.

Similar tours will be operated to Zion National Park, Bryce Canyon, Cedar Breaks, in Southern Utah, and to Grand Canyon National Park; also to Colorado, California and the Pacific Northwest Alaska. All schedules permit each of our tours to be combined with any other.

For Complete Information Apply To

J. L. BURGAR

Manager Department of Tours

*Maintained by*

Chicago & North Western Railway

*and*

Union Pacific System

148 South Clark St.

Chicago, Illinois



Grand Canyon Hotel accommodates 600 guests and is one of the most imposing buildings in the Park

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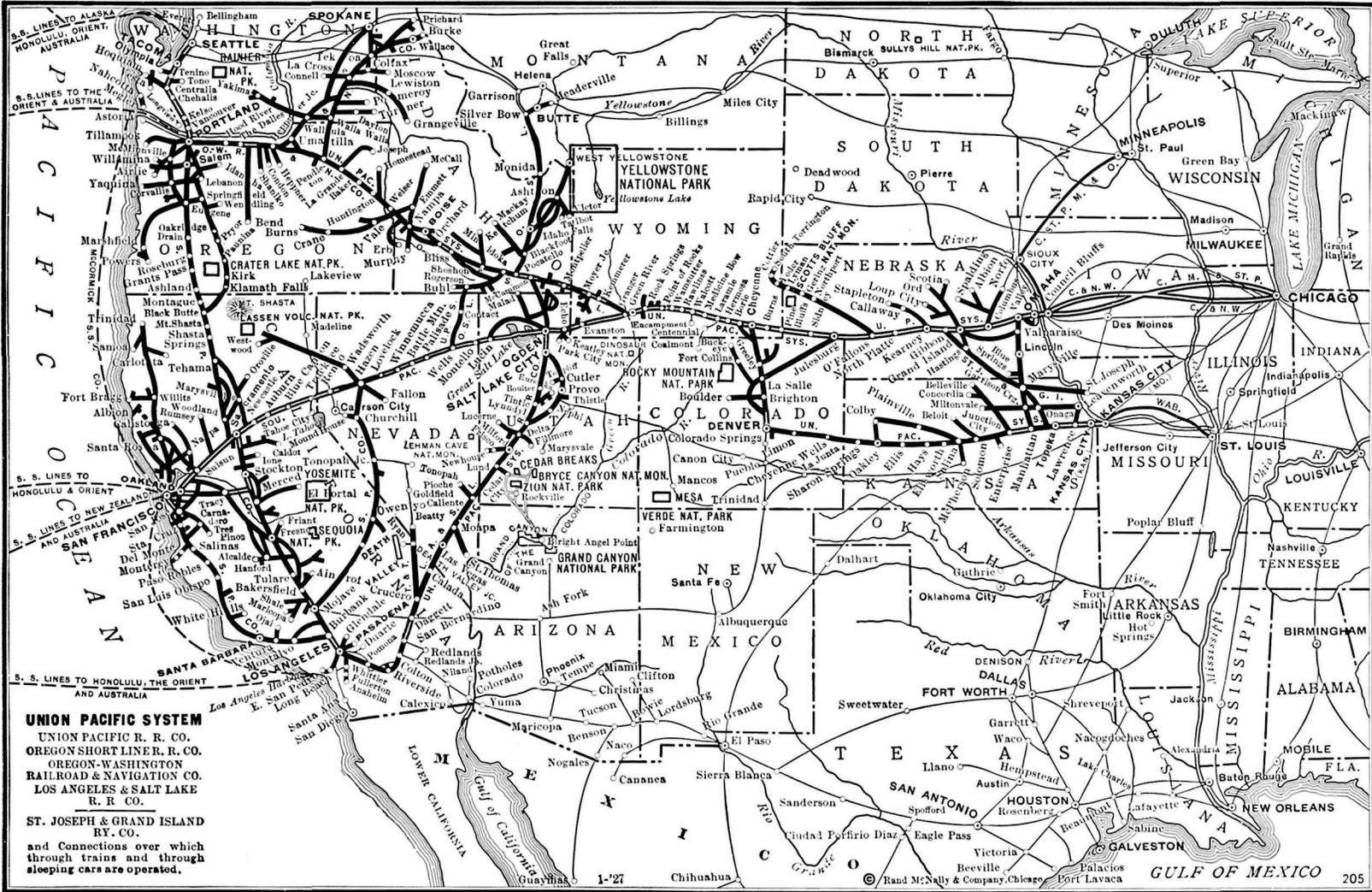
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W. S. BASINGER, Passenger Traffic Manager, OMAHA, NEB.

## Union Pacific System Publications

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|   |                                  |
|---|----------------------------------|
| California.                                     | Utah-Idaho Outings.              |
| Colorado Mountain Playgrounds.                  | Along the Union Pacific System.  |
| Dude Ranches Out West.                          | Unknown Places in Idaho.         |
| The Pacific Northwest and Alaska.               | Folder Map of the United States. |
| Zion-Grand Canyon National Parks, Bryce Canyon. |                                  |



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