REPORT

INTERNATIONAL BOUNDARY COMMISSION

REVISION ON THE 1927 NORTH AMERICAN DATUM AND MAINTENANCE OF THE BOUNDARY BETWEEN CANADA AND THE UNITED STATES ARCTIC OCEAN TO MOUNT ST. ELIAS

SPECIAL REPORT NO. 4

1966

Alaska - Yukon Boundary, 1962.
Vista northward from the Yukon River, recleared in 1946. William Ogilvie's line of 1895 faintly visible to the left of the boundary vista.

INTERNATIONAL BOUNDARY COMMISSION

JOINT REPORT

UPON THE MAINTENANCE OF THE BOUNDARY BETWEEN

CANADA AND THE UNITED STATES

UNDER THE PROVISIONS OF ARTICLE IV OF THE TREATY

SIGNED AT WASHINGTON, FEBRUARY 24, 1925

SPECIAL REPORT NO. 4

REVISED DATA OF THE 141ST MERIDIAN,

ALASKA-YUKON BOUNDARY, TO THE 1927 NORTH AMERICAN DATUM

AND MAINTENANCE OF THIS SECTION FROM 1925 TO 1964.

COMMISSIONERS

FOR CANADA		FOR THE UNITED STATES	
J. D. CRAIG	1925-1931	E. L. JONES	1925-1929
N. J. OGILVIE	1931-1947	J. H. VAN WAGENEN	1929-1935
J. M. WARDLE	1947-1950	T. H. RIGGS	1935-1945
J. L. RANNIE	1950-1951	J. A. ULINSKI	1945-1953
J. E. R. ROSS	1951-1957	SAMUEL L. GOLAN	1953-1961
A. F. LAMBERT	1957-	EDWARD J. KING	1961-

INTERNATIONAL BOUNDARY COMMISSION

UNITED STATES AND CANADA

The Honorable
The Secretary of State
for External Affairs of Canada,
Ottawa.

The Honorable
The Secretary of State
of the United States,
Washington.

Sirs:

We have the honor to submit herewith to each Government two signed originals of the Commissioners' joint report upon the maintenance work done on the International Boundary Line along the 141st Meridian from the Arctic Ocean to Mt. St. Elias, subsequent to the year 1925, under the provisions of Article IV of the Treaty between the United States and His Britannic Majesty in respect of Canada, signed at Washington, February 24, 1925.

Respectfully submitted,

A. F. Lambert
Canadian Commissioner

Edward J. King
United States Commissioner

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INTRODUCTION

Article IV of the treaty between the United States and His Britannic Majesty in respect of Canada, signed at Washington, February 24, 1925, which provides for the "maintenance of an effective boundary line between the United States and the Dominion of Canada", stipulates:

> "The said Commissioners shall submit to their respective Governments from time to time, at least once in every calendar year, a joint report containing a statement of the inspections made, the monuments and buoys repaired, relocated, rebuilt, moved, and established, and the mileage and location of vistas opened, and shall submit with their reports, plats and tables certified and signed by the Commissioners, giving the locations and geodetic positions of all monuments moved and all additional monuments established within the year, and such other information as may be necessary to keep the boundary maps and records accurately revised."

This is a joint report submitted by the Commissioners under the above provisions of the Treaty of February 24, 1925. This report contains a complete account of the boundary inspections and the maintenance work performed by this Commission along the 141st Meridian boundary between Alaska and Yukon from the Arctic Ocean to Mt. St. Elias from 1925 to 1964, inclusive. The original report of the International Boundary Commission upon the establishment of the boundary along this meridian was submitted by the Commissioners to their respective Governments in 1918. Since 1925 some monuments have been repaired or moved, and additional monuments set. In addition, the U. S. Coast and Geodetic Survey made five first-order connections with stations of the International Boundary Commission's triangulation scheme along the 141st Meridian. They have made an adjustment of this first-order work on the 1927 North American datum which has largely replaced the local datums upon which the original reports were based. This adjustment has enabled this Commission to recompute the geographic positions of boundary monuments and other stations to the 1927 North American datum. This special report, therefore, without in any way changing the actual location of the boundary as laid down under

the terms of the Convention of April 21, 1906, presents the geographic positions of boundary monuments and other marks on a more recent and useful datum, and as already noted gives an account of the work of the Commission in maintaining this section of the boundary from 1925 onwards.

ESTABLISHMENT OF THE BOUNDARY UNDER THE CONVENTION OF 1906

Under the terms of the Convention of April 21, 1906, the establishment of the boundary between Alaska and Yukon from the Arctic Ocean to Mt. St. Elias was assigned to the International Boundary Commission. The 141st degree of longitude west from Greenwich, was established as the International Boundary by the prior convention between Russia and Great Britain of February, 1825. The determination of this boundary line was carried out jointly, by survey parties of the United States and Canada, during the years 1887 to 1913.

A Canadian party, in charge of William Ogilvie,D.L.S. made astronomic observations in 1887 to locate the point where the 141st Meridian, west, crossed the Yukon River. During the period 1889-1891 a United States party in charge of J. E. McGrath, assistant, made astronomic observations at the Yukon River crossing, and a second party in charge of J. H. Turner, made similar observations at the Porcupine River crossing of the 141st Meridian. In 1895 Mr. Ogilvie made a check on the results of all previous work at the Yukon River and determined a point on the 141st Meridian. He also determined an azimuth and produced the line five miles north and south to Sixty-mile River. In 1902 a Canadian party, in charge of J. J. McArthur, D.L.S. extended this line south to the head of Scottie Creek, without setting permanent marks.

In 1906 a more precise location of the 141st Meridian was determined. A joint surveying party completed this work by carrying time signals through two independent telegraphic routes to a point near the meridian. Seven differential longitude determinations were secured by each independent route, thus insuring a more accurate location of the 141st Meridian.

In 1907 a joint party marked the 141st Meridian boundary on both sides of the Yukon River, measured two baselines, extended a scheme of triangulation along the boundary past Sixty-mile River, mapped a strip four miles wide, and projected the line 125 miles south from the Yukon River to station"0" near the crossing of Snag Creek.

Monument 112 and vista, marking the boundary south along the 141st Meridian from the south bank of the Yukon River in 1938.

In 1908 the joint party projected the line south past the White River crossing. The triangulation was carried south about seventy-five miles beyond the Sixty-mile River. Topographic mapping and vista cutting was completed south to the Ladue River and permanent monuments set south to Sixty-mile River. A line of precise levels was undertaken to determine the elevation of a point on the 141st Meridian, referred to sea-level at Skagway, Alaska, via Whitehorse, Yukon. During the season 159 miles of levels were completed northward from Skagway.

In 1909 the line projection south to the Natazhat Range was completed. The triangulation was also completed to this Range and a scheme of triangulation extended up the White River to Skolai Pass. Levels were extended along the boundary to Mt. Natazhat by the topographic party from assumed elevations, which were later corrected when the precise levels from Skagway were completed. The vista was opened from Mount Natazhat northward for fifty miles and some permanent monuments set and located. Another small party projected the line, did the triangulation, cut the vista and set monuments northward forty miles from the Yukon River. The precise levelling was completed from White Pass to a point fifty-two miles from Dawson. This season's operations completed the survey from the Yukon River to Mount Natazhat, with the exception of fifty-seven miles of vista cutting, and setting monuments between Mirror Creek and Sixty-mile River, a distance of 101 miles.

In 1910 the above-noted vista cutting and monumenting were completed south of the Yukon River. The main work during the season of 1910 was north of the Yukon River. The line projection was carried to a point ten miles north of the Porcupine River, and the triangulation completed to this river. The topography was carried northward from the Yukon River over one hundred miles across the Black River, and the vista opened to the Orange River. Monuments were set north past the Kandik River. The precise levels were completed from Skagway to Monument No. 126 on the 141st Meridian.

In 1911 the survey work was all north of the Yukon River, and most of it north of the Porcupine River. The vista cutting was completed between the Yukon River and Salmontrout River by one party, and north 99 miles from the Porcupine River by another party. Work was hindered by an outbreak of smallpox at Rampart House on the Porcupine River. The

topography was completed to Joe Creek, 40 miles from the Arctic Ocean, and the triangulation carried to within 45 miles of the Ocean. Two base lines were measured and the line projected to within 25 miles of the Arctic Coast. North of the Porcupine the monumenting was completed to Old Crow River. Both countries had geologists working with the survey crews.

In 1912 the line projection, topography, triangulation, line cutting and monumenting were completed to the Arctic Ocean, and between the Yukon and Porcupine Rivers. The Party Chiefs made a final inspection of the line from the Arctic Coast to the Yukon River on the return trip south. They numbered all monuments north of the Yukon River en route. Some triangulation and topography was done along the Arctic Coast east and west of the boundary. Another party extended the triangulation up the White River across Skolai Pass, down Skolai River, across country to and up the Chitina River, to within 30 miles of the 141st Meridian north of Mt. St. Elias. They measured a base and did topography along the Chitina River.

In 1913 the chiefs-of-party made a final inspection of the boundary line from the Yukon River south to the northerly spur of Mount Natazhat. They numbered the monuments, set and located intermediate monuments where needed, and checked the alignment of the monuments. Some triangulation and photo-topography was completed just south of Mount Natazhat by a small party, who also succeeded in climbing this mountain, but clouds covered the top and no survey work was possible. Other parties extended the triangulation up the Chitina River Valley to the boundary and made observations on Mt. St. Elias and other peaks. The boundary was located and three monuments set. Monument No. 191 on the south side of Logan Glacier being the most southerly permanent mark of the 141st Meridian. The topography was extended to Mt. St. Elias by planetable and photography. The attempt to climb Mt. St. Elias was unseccessful due to a bad storm at the 16,500 foot level. This completed the work on the 141st Meridian. The triangulation was computed and published in 1918 on the Yukon datum. Most of the topographic maps were published in 1914, with the exception of a few sheets which were published at a later date.

Primary Triangulation Party in camp near the White River, Yukon in 1943. U.S. C.&G.S. party and Nelson W. Smith of I.B.C.

REVISION OF CONTROL TRIANGULATION ON THE 1927 NORTH AMERICAN DATUM

In 1943 the United States Coast and Geodetic Survey, accompanied by an engineer of the International Boundary Commission executed a scheme of first-order triangulation from well located stations near White Pass, north of Skagway, to Fairbanks, Alaska. This scheme of triangulation followed the railway to Whitehorse, Yukon, then along the Alcan Highway, which was then under construction. Ties were made to International Boundary triangulation stations along the 141st Meridian en route. In later years they extended this first-order work through various sections of Alaska, making ties to the boundary triangulation at the Arctic Coast, the Porcupine River crossing, the Yukon River crossing and near the Chitina River.

Upon examination of field records, the Coast and Geodetic Survey decided that the boundary triangulation along the 141st Meridian was of sufficient accuracy to adjust with their Alaskan work. They then adjusted the combined field work in four loops, one using the boundary work from the Arctic Ocean to the Porcupine River crossing, a second using observations from there to the Yukon River, a third from there to the Alcan Highway crossing, and a fourth the observations from the highway crossing to their last tie near the Chitina River. This gave the main scheme of boundary triangulation along the 141st Meridian on the 1927 North American datum.

This information was furnished to the International Boundary Commission office where all secondary stations and the boundary monuments were recomputed on the revised datum and are thus given in this special report.

MAINTENANCE UNDER THE TREATY OF 1925

In order to maintain the boundary in a state of effective demarcation as called for under Article IV of the above-mentioned treaty, the Commission periodically inspects the various sections and has an annual program for; the repair of boundary monuments, the removal of monuments to new sites when necessary, the erection and location of additional monuments usually where new highways cross the border, the location and marking of boundary on international bridges and through international tunnels, and the reclearing of the boundary vistas through forested areas.

The boundary line is defined and marked by a series of monuments totalling over 8,000 in number. About 200 of these monuments have been established to define the boundary along the 141st Meridian. Range lights are maintained to indicate the boundary at the Pacific coast and buoys define the line through fishing grounds in Lake Erie. A sky-line vista, 20 feet in width, is maintained through about 1,350 miles of wooded areas. About 350 miles of this vista is along the 141st Meridian boundary.

Maintenance operations are conducted each year in various areas depending on; the degree of deterioration, loss or destruction of monuments, and the extent of timber regrowth in the area. A small staff of engineers is maintained, by each section of the Commission, who organize and supervise the various maintenance operations. The lack of staff and funds has limited the Commissions' maintenance operations, particularly in remote areas such as the 141st Meridian boundary. Since there has been very limited maintenance along this boundary following the original survey, the Commission is endeavouring to concentrate operations in that area over the next few years, to effectively mark the boundary line between the recently admitted state of Alaska and the Yukon Territory.

Maintenance work along the 141st Meridian boundary has consisted of; reclearing the vista near road and river crossings, repairing monuments and erecting new monuments. Immediately following is an account of the field work carried on since the original survey and under terms of the treaty of 1925.

Pre World War I Boundary Surveyors in front of office tent in the survey camp near White River, Yukon. Jack Bachtel of J. Hills Minnesota Party at left, Nelson W. Smith, Engineer in charge in Maine in 1917, Sam O. White, Smiths foreman in 1917.

FIELD OPERATIONS

1936 Yukon River

A small party from the United States Section in charge of Jesse Hill, Engineer to the Commission, working out from Eagle, Alaska, found monument 112 in such poor shape that they reset it about 65 feet south of the original position. The monument was located and the elevation of the new site determined. The vista was recleared a short distance north and south of the river and three monuments on the south side of the river inspected.

Porcupine River

Monument 50 had been damaged by a sleigh load of firewood. Upon the request of the International Boundary Commission, the Commissioner of the Royal Canadian Mounted Police had a detachment of his men repair the monument while visiting Rampart House.

1938 Yukon River

Monument 112 had been damaged by ice and extremely high water in 1937. The United States Engineer to the Commission accompanied by Mr. Ogilvie, the Canadian Commissioner, made a trip by air to the site and repaired the monument. An inspection of the nearby Astronomic Pier revealed that it had been overturned by ice.

1943 Alcan Highway

The United States Coast and Geodetic Survey, in extending their first-order triangulation from White Pass to Fairbanks, used six International Boundary Commission triangulation stations and one monument as part of their scheme. Nelson W. Smith of the United States Section represented the Commission on this survey and inspected the connections with the boundary stations. This made the 1927 North American datum available to stations on the 141st Meridian. Reports were received on the condition of the boundary vista and boundary monuments in some sections not inspected by the party. One other monument was inspected and found in good condition.

Sam O. White plane taking off from Niggerhead Lake near the 141st Meridian in 1943.

1946 Yukon River

A party in charge of D. F. Chisholm of the Canadian Section proceeded to the boundary from Dawson in July and inspected this section of the boundary and recleared the vista between boundary monuments 110 and 113, about 1-3/4 miles on each side of the river. The four monuments inspected were found in good condition. The astronomic station was inspected.

Alcan Highway

Mr. D. F. Chisholm was also in charge of a party completing boundary maintenance at the Alcan Highway crossing. The party reached the boundary from Whitehorse in June and found the vista thickly overgrown and hardly discernible. The vista was recleared 1-3/4 miles north to monument 162 and south 3-1/4 miles to monument 164. Permanent monuments could not be established in the perma-frost. To facilitate the setting of permanent monuments at a later date, shoulders were built out on each side of the highway grade. Temporary marks were set at the same time. Concrete monuments were made and stored in Whitehorse to be located when the fill had settled.

The Canadian and United States Commissioners were met in Whitehorse by Mr. Chisholm and driven along the highway to the boundary where an inspection was made of the line and the work being done in that area. The three monuments inspected were in good condition.

1948 Arctic Ocean

A United States Coast and Geodetic reconnaisance party reached the Arctic Ocean end of the 141st Meridian and recovered two International Boundary triangulation stations.

1952 Arctic Ocean

The United States Coast and Geodetic Survey extended their first-order arc of triangulation along the Arctic Coast to the 141st Meridian, where they connected

with three additional boundary stations, and one monument. This made the 1927 North American datum plane available at the northern end of the International Boundary Line.

Yukon River

The United States Coast and Geodetic Survey extended their first-order triangulation up the Yukon River valley and connected with three boundary stations north of the river. Thus establishing triangulation stations of the boundary survey in this area to the 1927 North American datum.

1953 Arctic to Alcan Highway

Commissioner S. L. Golan, for the United States and J. E. R. Ross for Canada made an inspection of the boundary line by plane. They were able to identify monument no. 1 at the Arctic Ocean end of the 141st Meridian, but the growth of vegetation prevented seeing the vista or monuments southward until they reached Sixty-mile River. South of this to the Alcan Highway crossing the vista was clearly visible.

Porcupine River

The United States Coast and Geodetic Survey extended their first-order triangulation up the Porcupine River to Rampart House at the boundary and connected with four International Boundary triangulation stations and inspected a fifth station. This established a further connection to the 1927 North American datum.

Chitina River Area

The United States Coast and Geodetic Survey extended their first-order triangulation from their Alaska network eastward and connected with three International Boundary stations in the Chitina River area. The connection, near the southern end of the 141st Meridian boundary, made it possible to base this entire boundary on the 1927 North American datum.

Alaska - Yukon Boundary, 1962.
An oblique view of the boundary vista northward at the Snag River. The regrowth in this general area was the most prolific noted along the 141st Meridian Boundary.

1955 Porcupine River

The Shoran Section of the Canadian Geodetic Survey located two triangulation stations in this area.

Alcan Highway

Canadian Commissioner J. E. R. Ross made an aerial inspection of the vista from the highway south to Mt. Natazhat. The vista in heavily timbered sections was visible but difficult to locate where timber was short. The Shoran Section of the Canadian Geodetic Survey established a Shoran station at monument 164. Members of this party reported that it was very difficult to locate the boundary line on the ground and recommended that the vista be recleared.

1959 Alcan Highway

A party of two in charge of R. W. Clarke, of the Canadian Section, applied fenuron herbicide pellets to 3,600 feet of the vista along the 141st Meridian near monument 164, to test the results of kill in a permafrost area. The test was made following a rainy season on ground which was partially frozen on the surface.

1960 Sixty-Mile Road

Canadian Commissioner A. F. Lambert inspected the vista and monument 126 at Little Gold Creek, on the Sixty-mile road. The vista could be seen to the north but no vista was visible over the bare hills to the south.

Alcan Highway

Canadian Commissioner A. F. Lambert inspected the boundary in the vicinity of monument 164 to observe the results of the fenuron pellets applied in 1959. North of the monument the herbicide was effective through the large trees in the vista. South from the monument the vista follows a side hill and there appeared to be little effect on the large spruce growing along the boundary.

1962 Firth River to Mt. Natazhat

The 141st Meridian boundary was photographed from the air by low-level oblique photography. Two K-20 aerial reconnaissance cameras were employed alternately, shooting astern from a special mount through the 18 inch circular hatch in the bottom of the beaver aircraft. A continuous strip of photography was obtained along the boundary from Mt. Natazhat to the Firth River, which is of great assistance in the interpretation of ground conditions. Commissioner Lambert and two engineers were engaged in this work.

Alcan Highway

The vista was treated with fenuron herbicide pellets 1-1/4 miles south from monument 164 in an area which had not been recleared in over 50 years, and 1/4 mile north where the vista had been recleared in 1946. The results of the herbicide on growth will be evaluated at a later date.

1964 Alcan Highway

Commissioners A. F. Lambert and E. J. King proceeded by air to Niggerhead Lake, where Don Farley of the Canadian Section met and drove them to the Alcan Highway crossing. They viewed conditions at the crossing and selected sites for two ornamental highway monuments which are to be placed after highway improvements have been completed. The Commissioners met Mr. Charlie Broker, resident highway engineer for Alaska, who outlined proposed highway improvements in the vicinity of the boundary. They also made an aerial inspection of the vista recleared by Mr. Farley's crew and boundary conditions for several miles to the north.

A Canadian party in charge of Don Farley was engaged in reclearing the vista at the Alcan Highway crossing. High water and flooding during the early part of the season made reclearing very difficult and created many hardships for the crew. The vista was recleared north to monument 160 and south to monument 165. An inspection of the results of the herbicide applied to the vista in 1962 indicated that the fenuron pellets were effective on coniferous growths, but showed no effect on deciduous growths. All monuments were found in good condition, and two ornamental monuments were established near the highway.

Yukon - Alaska Boundary, 1946.
Looking north from the south bank
of the Yukon River showing the vista
after reclearing.

Yukon River

Mr. Farley's party moved up the Yukon River from Eagle, Alaska to carry out boundary maintenance in that area. The vista was recleared south of the river beyond monument 113 and north of the river to monument 109. All monuments were found in good condition.

Sixty-Mile Road

The party under Mr. Farley also carried out maintenance operations at the Sixty-mile road crossing. No reclearing was required south of the road as the grassy slopes were void of brush. A bulldozer was employed to reclear the vista for about three miles north of the road. Difficulties were encountered on steep slopes due to perma-frost. The experiment with bulldozers indicated that they might very successfully be employed to reclear much of the 141st Meridian boundary during winter operations. A line plaque was established in a stone and mortar monument which was constructed on a site north of the road.

SUMMARY OF PERSONNEL ENGAGED			
Year	Location of Work	Section	Engineer in Charge
1936	Yukon River Porcupine River	United States	J. Hill
1938	Yukon River	United States	J. Hill
1943	Alcan Highway	United States	
1946	Yukon River Alcan Highway	Canadian	D.F. Chisholm
1948	Arctic Ocean		
1952	Arctic Ocean Yukon River		
1953	Arctic Ocean to Alcan Highway	Joint	
	Porcupine River Chitina River		
1955	Porcupine River		
	Alcan Highway	Canadian	
1959	Alcan Highway	Canadian	
1960	Yukon River Alcan Highway	Canadian	
1962	Firth River to Mt. Natazhat	Canadian	A. F. Lambert
	Alcan Highway	Canadian	D. W. Farley
1964	Alcan Highway	Joint	
	Alcan Highway Yukon River Sixty-mile Road	Canadian	D. W. Farley

IN THE FIELD WORK,

Vista	Triangulation	Monumenting	Inspection
J. Hill	J. Hill	J. Hill R.C.M.P.	J. Hill
		J. Hill	N.J. Ogilvie
	U.S. C.&G.S. N. W. Smith		N. W. Smith
D. F. Chrisholm		D. F. Chrisholm	N.J. Ogilvie J.A. Ulinski
	U.S. C.&G.S.		
	U.S. C.&G.S.		
			J.E.R. Ross S. L. Golan
	U.S. C.&G.S.		
	Shoran, C.G.S.		
	Shoran, C.G.S.		J.E.R. Ross
R. W. Clarke			
			A.F. Lambert
Photographing vista W.M. Smith D.W. Farley			A.F. Lambert
D.W. Farley			D. W. Farley
			A.F. Lambert E. J. King
D.W. Farley		D.W. Farley	D. W. Farley

Alaska - Yukon Boundary, 1964.
Monument with plaque installed at
60 Mile Road crossing.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No. 1 - Large monument 200 feet south of the edge of the tundra at the shore of the Arctic Ocean.
Mon. No. 2 - On the open tundra about 4 miles from the coast and 300 feet west of the open gravel bars of Clarence River.
Mon. No. 3 - On the open tundra at the beginning of the foothills.
Mon. No. 4 - On a bare shaly ridge, the first crossed by the Line south of the coast.
Mon. No. 5 - In the saddle of a ridge just north of a branch of Clarence River.
Mon. No. 6 - On a spur-ridge east of Clarence River.
Mon. No. 7 - On a dry flat table land 1 mile south of Clarence River crossing.
Mon. No. 8 - On the summit of a ridge between Clarence and Malcolm Rivers.
Mon. No. 9 - On the eastern end of a spur-ridge between branches of Clarence and Malcolm Rivers.
Mon. No.10 - On the side-hill 800 feet east of Malcolm River and about 4 miles north of the summit of the British Mts.
Mon. No.11 - On the eastern spur of a sharp rocky ridge about 1½ miles north of the summit of the British Mountains.
Mon. No.12 - On a rocky spur ½ mile northwest of a low pass in the British Mountains.
Mon. No.13 - 100 yards south of and below a prominent rock bluff on a southeasterly spur of the British Mountains.
Mon. No.14 - On the summit of a bare ridge between the forks of Aspen Creek.
Mon. No.15 - On the summit of the first ridge south of Aspen Creek.
Mon. No.16 - On the summit of a jagged shaly ridge between the forks of a creek which join one mile east of the line.
Mon. No.17 - On the summit of a ridge about 1-3/4 miles north of Joe Creek, and 200 yards east of the highest point.
Mon. No.18 - On the rocky side-hill of a ridge about 1½ miles south of Joe Creek.
Mon. No.19 - On the divide between Joe and Boulevard Creeks, 1/4 mile east of the trail in a low flat saddle.
Mon. No.20 - On the east slope and about 100 feet below the summit of a sharp peak 1½ miles south of Boulevard Creek crossing.
Mon. No.21 - On the summit of a sharp ridge almost parallel to the Line and about 6 miles north of Mancha Creek crossing.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE. SMALL TYPE

Mon. No.22 - On the westerly spur of a sharp ridge parallel to the Line and about 4 miles north of Mancha Creek crossing.

Mon. No.23 - On a shoulder of the end of the ridge 1 mile north of Mancha Creek crossing.

Mon. No.24 - On the flat 250 feet south of the most southerly branch of Firth River.

Mon. No.25 - On a bare flat ridge 3 miles south of Firth River.

Mon. No.26 - One-quarter mile west of the summit of a bare rounded hill about 6 miles south of Firth River.

Mon. No.27 - On a flat open ridge about 8 miles north of Ammerman Mountain.

Mon. No.28 - About 3 miles north of Ammerman Mountain on a low open ridge running east and west.

Mon. No.29 - On the side of a spur 300 feet above and 1/4 mile east of the trail through a low pass in Ammerman Mt.

Mon. No.30 - At the edge of the timber 2½ miles south of the low pass in Ammerman Mountain.

Mon. No.31 - At the north edge of the Old Crow Flats and 5½ miles south of the low pass in Ammerman Mountain.

Mon. No.32 - Large monument, 50 feet north of the edge of the north bank of Old Crow River.

Mon. No.33 - On the south bank of Old Crow River, 300 feet from the water's edge.

Mon. No.34 - 785 feet north of the edge of the north bank of Bilwaddy Creek.

Mon. No.35 - On slightly rising ground 2-3/4 miles south of Bilwaddy Creek.

Mon. No.36 - On a low spruce-covered ridge connecting Potato Hill with the hills to the west.

Mon. No.37 - On the northeasterly slope of a low brush-covered point about 3 miles north of Fish Creek Crossing.

Mon. No.38 - On the summit of the same slope as No. 37 and ½ mile south of it.

Mon. No.39 - In the scattered timber on the westerly slope of the valley of Schaefer Creek and about 3 miles south of Fish Creek crossing.

Mon. No.40 - In a saddle near the end of a low ridge extending from the west into the valley of Schaefer Creek.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.41 - On the north bank of Schaefer Creek, where it crosses the Line three times in less than 100 feet.

Mon. No.42 - On the summit of a bare steep ridge, the first south of the Old Crow Flats.

Mon. No.43 - On the east slope of the ridge lying between the upper forks of Surprise Creek.

Mon. No.44 - On the summit of the divide between Porcupine and Old Crow Rivers.

Mon. No.45 - One mile south of the divide between Rapid River and Old Crow drainage on a low flat rocky point.

Mon. No.46 - On the summit of a rock and gravel ridge 1 mile north of Rapid River.

Mon. No.46A- On a low, bare, rock-covered ridge 3 miles south of Rapid River.

Mon. No.47 - On the summit of the ridge forming the divide between Rapid River and the headwaters of Sunaghun Creek, just north of an opening in a conspicuous rock outcrop.

Mon. No.47A- Low down on the west slope of Sunaghun Creek valley, and 650 yards north of the southerly crossing of the Line and the Creek.

Mon. No.48 - On the westerly shoulder of a rocky dome east of Sunaghun Creek and 5½ miles north of Porcupine River.

Mon. No.48A- On the westerly slope of a hill 3 miles north of Porcupine River.

Mon. No.49 - On the southwesterly slope of a hill 3 miles north of Porcupine River.

Mon. No.49A- About 3/4 mile north of Porcupine River and a short distance back from the edge of the plateau.

Mon. No.50 - Large monument on the flat 670 feet north of Porcupine River, and 150 feet from the foot of the hill.

Mon. No.51 - On the sloping flat 250 yards south of the south bank of Porcupine River.

Mon. No.52 - On the easterly slope of Canalaska Mountain, 2½ miles south of Porcupine River.

Mon. No.53 - About 4½ miles south of Porcupine River, and 250 yards west of the summit of a dome at the head of the valley east of Canalaska Mountain.

Mon. No.54 - About 7 miles south of Porcupine River on a westerly spur of a north and south ridge.

Mon. No.55 - 2 miles south of Mon. No. 54 on a westerly spur of the same ridge.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.56 - In a low flat valley in which a tributary of Bluefish River heads, and 100 yards north of the north branch.

Mon. No.57 - On the westerly slope of a ridge at the head of the south branch of a tributary of Bluefish River.

Mon. No.58 - Near the southern edge of a flat ridge between Salmontrout and Bluefish drainage.

Mon. No.59 - On the easterly slope of a flat ridge about 3 miles northeast of the big bend in Salmontrout River.

Mon. No.60 - 2 miles east of the big bend in Salmontrout River, on ground sloping gently to the north.

Mon. No.61 - 3 miles southeast of the big bend in Salmontrout River, on the westerly slope of a high ridge.

Mon. No.62 - Just west of a saddle in a northwesterly spur of the ridge between Black and Salmontrout drainages.

Mon. No.63 - Near the northern edge of the flat-top ridge forming the divide between Black and Salmontrout Rivers.

Mon. No.64 - On the highest point on line between Black and Porcupine Rivers.

Mon. No.65 - On the summit of a ridge crossed by the Line 2 miles north of Fort Creek.

Mon. No.66 - On a low divide 2-3/4 miles south of Fort Creek.

Mon. No.67 - 7½ miles north of Black River on a northerly spur of a prominent ridge.

Mon. No.68 - 6 miles north of Black River on the summit of a prominent east and west ridge.

Mon. No.69 - 2½ miles north of Black River, near the top of the southwesterly slope of a ridge.

Mon. No.70 - Large monument 1/3 mile north of, and 700 feet above Black River on a flat shoulder.

Mon. No.71 - In the Black River flats about 3-1/4 miles south of the river.

Mon. No.72 - 2½ miles north of Bern Creek, on the slope of a westerly spur of a ridge running north from the creek.

Mon. No.73 - On the summit of the ridge immediately north of Bern Creek.

Mon. No.74 - 2 miles south of Bern Creek on a small westerly spur of the ridge between Bern and Racquet Creeks.

Mon. No.75 - 3 miles north of Runt Creek on the summit of a flat-top ridge.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.76 - 1½ miles south of Runt Creek in the westerly slope of a north and south ridge.
Mon. No.77 - 2 miles north of Teecan Creek in the low saddle of a spur of a north and south ridge.
Mon. No.78 - About midway between Teecan and Orange Creeks on a small plateau on the ridge.
Mon. No.79 - About 1 mile north of Orange Creek, on the summit of a high rock.
Mon. No.80 - 1½ miles south of Orange Creek, on the easterly slope of a dome-shaped peak.
Mon. No.81 - 5 miles south of Orange Creek on the summit of a prominent bare ridge.
Mon. No.82 - 7 miles south of Orange Creek, where the line again crosses the ridge on which Mon. No. 81 is set.
Mon. No.83 - 2-3/4 miles north of Siwash Creek just west of the summit of a high dome-shaped rocky peak.
Mon. No.84 - About ½ mile south of Siwash Creek, on the summit of a long timbered ridge.
Mon. No.85 - 3 miles south of Siwash Creek, on the bare summit of a prominent timbered ridge.
Mon. No.86 - 2½ miles north of Kandik River just above timber-line on the easterly slope of a saddle in the ridge.
Mon. No.87 - About 900 yards south of Kandik River, near the edge of the high bank overlooking the river.
Mon. No.88 - 4½ miles south of Kandik River, on the summit of a flat ridge.
Mon. No.89 - 2-3/4 miles north of the northerly branch of Big Sitdown Creek on the westerly side of a saddle.
Mon. No.90 - On the westerly slope of the end of the ridge between the branches of Big Sitdown Creek.
Mon. No.91 - 3½ miles south of Big Sitdown Creek on a smooth bare ridge.
Mon. No.92 - On a broad flat grassy ridge forming the eastern spur of Indian Grave Mountain.
Mon. No.93 - 2 miles north of Nation River, on the easterly shoulder of a flat-top peak.
Mon. No.94 - Abour 3/4 mile north of Jungle Creek, on the westerly slope of a sharp rocky peak.
Mon. No.95 - On the north bank of Ettrain Creek.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No. 96 - 3 miles south of Ettrain Creek, on the westerly slope of a shaly ridge.
Mon. No. 97 - 2½ miles north of Tindir Creek in a saddle on the ridge.
Mon. No. 98 - About 1 mile north of, and 2000 feet above Tindir Creek, on the summit of the ridge.
Mon. No. 99 - 4 miles south of Tindir Creek on the crest of a sharp southeasterly spur of a prominent dome-shaped mountain.
Mon. No.100 - Beside an old trail on the south bank of Cathedral Creek, and 100 feet from the edge of the bank.
Mon. No.101 - 3 miles south of Cathedral Creek in a saddle on a high ridge.
Mon. No.102 - On a low bench about 500 feet north of Hard Luck Creek.
Mon. No.103 - 2½ miles north of Tatonduk River, on the western side of a saddle near the end of the ridge.
Mon. No.104 - On a low bench 400 feet south of Tatonduk River.
Mon. No.105 - 200 feet west of the summit of a high dome on the divide between Shade Creek and Tatonduk River.
Mon. No.106 - On the divide between Shade and Last Chance Creek.
Mon. No.107 - On a low spur just north of Last Chance Creek.
Mon. No.108 - On the east slope of a saddle in the divide between Last Chance and Eagle Creeks.
Mon. No.109 - 1½ miles south of Eagle Creek, on the summit of the ridge.
Mon. No.110 - 1-3/4 miles north of Yukon River crossing, on the westerly slope of the ridge.
Mon. No.111 - Large monument on the north bank of Yukon River, about 150 feet above the river.
Mon. No.112 - Large monument on the south bank of Yukon River, 20 feet from the edge of the bank. (Moved 1936.)
Mon. No.113 - 1-1/4 miles south of Yukon River, on the rather flat summit of the ridge.
Mon. No.114 - 3½ miles south of Yukon River, and 25 feet from the southern edge of the ridge.
Mon. No.114A- 5½ miles south of Yukon River, on the summit of a broad flat ridge.
Mon. No.115 - On the summit of a ridge about midway between Fortymile Dome and Yukon River.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.115A- 2½ miles north of Liberty Fork, on the easterly slope of a ridge.
Mon. No.116 - 1-1/4 miles south of Liberty Fork, on the easterly slope of a north and south ridge.
Mon. No.117 - 2½ miles south of Liberty Fork, on the summit of a rather flat ridge.
Mon. No.118 - On the westerly slope of a long saddle in the ridge southeast of Fortymile Dome.
Mon. No.118A- 4 miles north of Fortymile River, on an easterly spur of a ridge paralleling South Boundary Creek.
Mon. No.119 - 2-3/4 miles north of Fortymile River on an easterly spur of a ridge paralleling South Boundary Creek.
Mon. No.120 - 1-3/4 miles north of Fortymile River on an easterly spur of a ridge paralleling South Boundary Creek.
Mon. No.121 - Large monument immediately north of Fortymile River near the southeast end of a rocky ridge between South Boundary and Sam Patch Creeks.
Mon. No.122 - About ½ mile south of Fortymile River, on a northwesterly shoulder of the ridge.
Mon. No.123 - Near the northern edge of the rather flat ridge between Moose and Alma Creeks.
Mon. No.123A- 5 miles south of Fortymile River on the westerly slope of the valley near the head of Alma Creek.
Mon. No.124 - On the westerly slope of Baldy Mountain, about 1-1/4 miles from the summit.
Mon. No.125 - On the westerly slope of a small eminence about 4 miles south and west of Baldy Mountain.
Mon. No.125A- On the westerly slope of a ridge lying between two forks of Hall Creek.
Mon. No.126 - In a saddle in a high rocky ridge immediately north of Davis Creek.
Mon. No.126A- Near the northern edge of the flat top of the ridge immediately south of Davis Creek.
Mon. No.127 - In a deep saddle in the 2nd ridge so. of Poker Creek.
Mon. No.128 - On the easterly slope of a rise in the ridge between the headwaters of Bedrock and Pat Murphy Creeks.
Mon. No.129 - 1½ miles north of Sixtymile River on the easterly slope of the ridge.
Mon. No.130 - Large monument on the north bank of Sixtymile River, 100 feet above the river.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.131 - In the flat on the south side of Sixtymile River, 96 feet from the edge of the bank.
Mon. No.132 - 2 miles south of Sixtymile River on the summit of the second ridge south of the river.
Mon. No.133 - 6 miles south of Sixtymile River at the western edge of the large, flat, rocky top of the ridge.
Mon. No.134 - 30 feet north of the north bank of North Fork of Ladue River.
Mon. No.135 - 2 miles south of North Fork of Ladue River on the northeasterly slope of the ridge.
Mon. No.136 - 5½ miles south of the most northerly crossing of North Fork of Ladue River.
Mon. No.137 - 3 miles north of the junction of McElfish Creek and North Fork of Ladue River.
Mon. No.138 - 30 feet south of the south bank of McElfish Creek, ½ mile above its junction with North Fork of Ladue River.
Mon. No.139 - 20 feet north of the north bank of a small creek about 3 miles south of the mouth of McElfish Creek.
Mon. No.140 - On the first ridge crossed by the line south of Ladue valley.
Mon. No.141 - On the summit of the ridge 1 mile north of Deep Creek.
Mon. No.142 - On a broad, thinly timbered ridge, 2½ miles south of Deep Creek.
Mon. No.143 - 10 miles north of Ladue River, on the summit of a high and rather narrow ridge.
Mon. No.144 - 7½ miles north of Ladue River, on an easterly shoulder of the main ridge.
Mon. No.145 - 5 miles north of Ladue River, and 80 feet north of the north bank of a small creek.
Mon. No.146- On the summit of the first ridge north of Ladue River.
Mon. No.147 - Large monument 140 feet south of the south bank of Ladue River.
Mon. No.148 - On the summit of the ridge 3 miles south of Ladue River.
Mon. No.149 - 6 miles south of Ladue River on a small rockslide on the westerly side of a flat dome at the northern end of Moosehorn Mountains.
Mon. No.150 - 7½ miles south of Ladue River, on the westerly slope of a flat dome.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.151 - 10 miles south of Ladue River, on the summit of a westerly spur of Moosehorn Mountains.
Mon. No.152 - On the summit of a westerly spur near the southern end of Moosehorn Mountains.
Mon. No.153 - On the easterly slope of Mosquito Knob, 2 miles north of the headwaters of Scottie Creek.
Mon. No.154 - 3½ miles north of the most northerly crossing of Scottie Creek, on the westerly slope of a slight rise.
Mon. No.155 - On the summit of a slight rise near the end of the ridge between Yellowwater and Scottie Creeks.
Mon. No.156 - 100 feet north of the north bank of Scottie Creek, at its second crossing of the line.
Mon. No.157 - 2-3/4 miles south of the second crossing of Scottie Creek, on the westerly slope of the ridge.
Mon. No.158 - 4½ miles south of the second crossing of Scottie Creek, on the summit of the ridge.
Mon. No.159 - 8 miles north of the third crossing of Scottie Creek, on the summit of a ridge.
Mon. No.160 - 6½ miles north of the third crossing of Scottie Creek, on a westerly spur of the ridge.
Mon. No.161 - 2½ miles north of the third crossing of Scottie Creek, on the summit of a low ridge.
Mon. No.162 - 40 feet south of the south bank of Scottie Creek, at its third crossing of the line.
Mon. No.163 - 3½ miles south of the third crossing of Scottie Creek, in a saddle on the ridge.
Mon. No.164 - 3 miles north of Mirror Creek, on the summit of a long timbered ridge.
Mon. No.165 - 100 feet north of the north bank of the north branch of Mirror Creek, which forks just west of the Line.
Mon. No.166 - 1 mile north of Snag River, on the summit of a timbered ridge.
Mon. No.167 - 50 feet south of the south bank of Snag River.
Mon. No.168 - 3½ miles south of Snag River, and abreast of the "Little Hills."
Mon. No.169 - In the Snag Flats, 6 miles south of the "Little Hills."
Mon. No.170 - 340 feet south of the east bank of Beaver Creek, at its third crossing of the Line.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

MONS. ARE ALUMINUM-BRONZE, SMALL TYPE

Mon. No.171 - On the summit of the steep rock slope, 1½ mile north of the second crossing of Beaver Creek.

Mon. No.172 - 2 miles south of the second crossing of Beaver Creek, on the easterly shoulder of the ridge.

Mon. No.173 - 750 feet south of Baultoff Creek, and 100 feet above it.

Mon. No.174 - 3 miles south of Baultoff Creek, on the summit of a sharp ridge.

Mon. No.175 - On the summit of the sharp ridge immediately south of Eureka Gulch.

Mon. No.176 - 4½ miles north of the first crossing of Beaver Creek, at the northern edge of the plateau.

Mon. No.176A- One-half mile north of the first crossing of Beaver Creek, on the easterly slope of the ridge.

Mon. No.177 - One-quarter mile south of and overlooking the first crossing of Beaver Creek.

Mon. No.178 - 1½ miles south of the first crossing of Beaver Creek, at the top of the steep northern face of the ridge.

Mon. No.179 - 5½ miles south of the first crossing of Beaver Creek, on the westerly slope of the ridge.

Mon. No.180 - 7 miles north of White River, on the summit of a high, rocky peak.

Mon. No.181 - 5 miles north of White River, on the summit of the first ridge north of the river.

Mon. No.182 - Large monument 80 feet north of the edge of the cut bank of gravel, on the north side of White River valley

Mon. No.183 - Large monument 3/4 mile south of White River, 20 feet south of the edge of the bank south of the flats.

Mon. No.184 - 1½ miles south of White River, on the westerly slope of the ridge.

Mon. No.185 - 10 feet south of the south bank of Kletsan Creek.

Mon. No.186 - Three-quarters of a mile south of the crossing of Kletsan Creek.

Mon. No.187 - 3 Miles south of the crossing of Kletsan Creek, on a low ridge covered with volcanic ash.

Mon. No.187A- 5 miles south of the crossing of Kletsan Creek, on the easterly slope of a high ridge.

Mon. No.189 - On the summit of the ridge between Logan and Walsh Glaciers.

Mon. No.190 - One-quarter mile north of the north edge of Logan Glacier, and 900 feet above it.

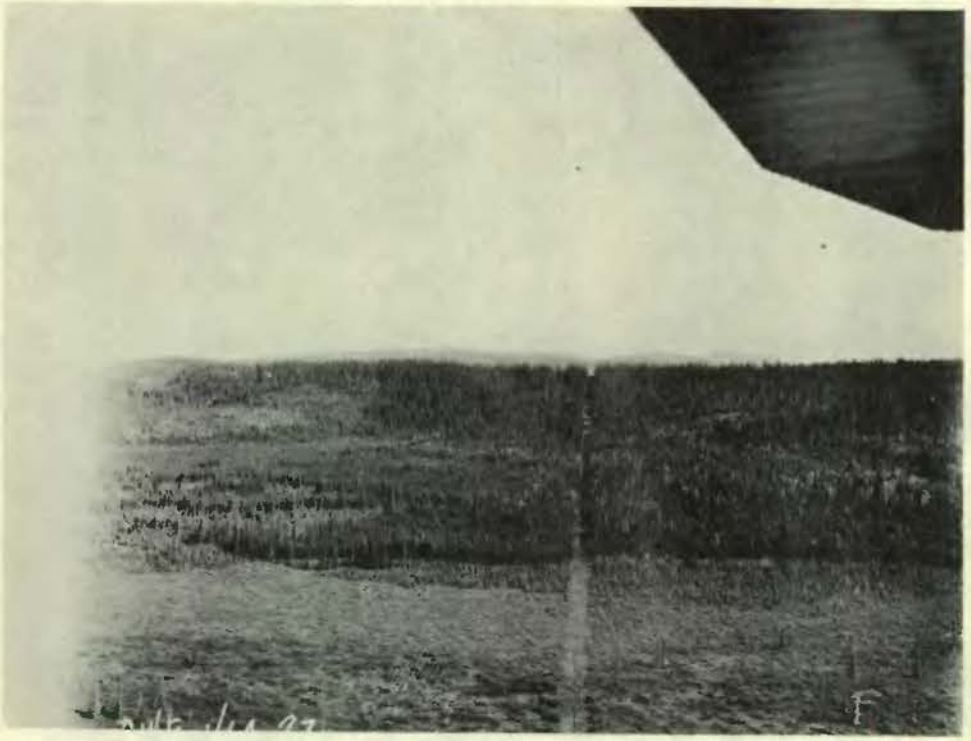
Mon. No.191 - One-quarter mile south of the south edge of Logan Glacier, and 500 feet above it. This is the most southerly monument.

DESCRIPTION OF MONUMENTS MARKING THE INTERNATIONAL BOUNDARY LINE ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MOUNT ST. ELIAS.

Mon. No. 162A - A standard ornamental monument set to mark highway crossings. The monument is 210 feet north of the centerline of the highway.

Mon. No. 162B - A standard ornamental monument set to mark highway crossings. The monument is 120 feet south of the centerline of the highway.

Line Tablet, 60-Mile Road - A standard tablet used to mark the boundary line across bridges, set in the face of a stone and mortar monument 40 inches wide, 28 inches deep, and 58 inches high. The monument is about 30 feet north of the highway. The distance from Monument 126 to the southern face of the tablet is 217.37 feet.



Alaska - Yukon Boundary, 1964.
Monument 161 (top of first hill)
after clearing.

DESCRIPTION OF TRIANGULATION STATIONS ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MT. ST. ELIAS.

BETWEEN THE ARCTIC OCEAN AND THE PORCUPINE RIVER:

DEMARCATION: (Alaska, W. B. Gilmore, 1912; r. 1952)
On a low flat knoll 5 miles west of the Boundary, one-half mile east of the landward end of Demarcation Point, and one-quarter mile inland from the Arctic Beach. Numerous small ponds and waterholes surround on the east, south and west the slight rise of ground on which the station is situated. This is the northernmost signal erected in connection with the survey of the Boundary.
Station Mark: Shallow drill hole in small rock set flush with the ground. Elevation 30 feet (approx.)

POLAR: (Alaska, W. B. Gilmore, 1912)
By the coast line the station is 1-3/4 miles west of the Boundary and 3-3/4 miles east of the landward end of Demarcation Point, and is on the edge and at the top of the tundra bank, which breaks off abruptly above the Arctic beach, less than 100 feet from tidewater. About one-tenth of a mile inland lie several water holes, and one-third of a mile southeast a deep gully in the bank above the beach drains several other ponds.
Station Mark: Shallow drill hole in small stone set flush with the ground. Elevation 30 feet (approx.)

OCEAN: (Yukon, J. D. Craig, 1912; lost 1948)
On a spit of land between Clarence Bay and the Ocean, on the west side of the Bay. A narrow spit runs across the mouth of the Bay for about 1½ miles, and is broken in one place only, about 350 feet east of the signal. Opening is about 40 feet wide. About 150 feet from opening on bay side is an Eskimo igloo. A little beach is between the igloo and the opening, and between the igloo and the ocean. Station is on a moss knoll about 20 feet higher than water and 50 feet from the ocean.
Station Mark: Drill hole in rock about 9 by 12 inches, set flush with the surface of the ground.

ICE: (Yukon, T. Riggs, Jr., 1912)
On the Arctic coast, about 8½ miles east of station Ocean. The station is on the highest ground in the vicinity of a landlocked bay, with a very narrow entrance, and about 500 feet from the beach.
Station Mark: Drill hole in rock set flush with the ground. Tripod signal with targets.

DESCRIPTION OF TRIANGULATION STATIONS ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MT. ST. ELIAS.

PASS: (Yukon, W. B. Gilmore, 1912)
In the British Mountains on one of the northerly ridges, which is 2½ miles east of the Line, and runs in a general north-to-south direction. About 1½ miles to the south is a pass used by the survey parties as the main trail to the head of Clarence River. The station is on the northernmost of a series of knobs which rise from the backbone of the ridge.
Station Mark: Drill hole in triangle cut in solid rock. Signal: Cairn without pole. Elevation, 4,200 feet (approx.). About one hour's gradual climb from a camp at the south foot of the ridge, and on the east side of the pass mentioned above. The willow used for firewood at this camp had to be packed from Malcolm River, several miles distant.

BOREALIS: (Alaska, W. B. Gilmore, 1912)
On one of the highest peaks among the northerly ridges of the British Mountains. This mountain stands 4½ miles west of Line, between Clarence River on the east and a branch of Turner River on the west. The sides are bare, steep, and covered with slide rock. The station is located on the summit, which is a sharp edge of disintegrating rock. Looking north from the point there is a splendid panoramic view of the Arctic Ocean and coast line, including the mouth of Turner River, Icy Reef, Demarcation Point and Bay, Clarence Bay, and Herschel Island.
Station Mark: Drill hole in shallow triangle cut in a small rock. Signal: Cairn without pole. Elevation, 5,620 feet (approx). About three hour's climb from a willow camping ground at a fork of the Clarence River, directly east of the mountain. Follow the branch stream to the head in a kettle on the northeast slopes of the mountains.

AURORA: (Yukon, W. B. Gilmore, 1912)
At the summit of a high, bare, round-top hill among the northerly ridges of the British Mountains. It is 4 miles east of the Line, a few miles below the forks at the head of Malcolm River, and just east of that stream. Looking northeast in clear weather, Herschel Island is plainly visible from the station.
Station Mark: Drill hole in a triangle cut in a large rock. Signal: Cairn without pole. Elevation, 4,750 feet (approx.). About two hour's walk, including a gradual climb, from the main-trail camp on Malcolm River.

DESCRIPTION OF TRIANGULATION STATIONS ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MT. ST. ELIAS.

TUNDRA: (Yukon, W. B. Gilmore, 1912; r. 1948)
On the tundra flat between Clarence River and Craig Creek, about one-half mile east of Line, and 4 miles south of the Arctic beach and about the same distance southwest of Clarence Bay. A small lake lies one-half mile directly north of the station, which is on ground slightly higher than the surrounding flat.
Station Mark: Nail hole in large driftwood hub driven almost flush with ground. Elevation, 95 feet (approx.). An easy walk from any of the camps on the beach.

BUG: (Yukon, T. Riggs, Jr., 1912; r. 1952)
On the rocky end of the ridge between Craig Creek and the stream which is just east of it. Is approximately 10 miles directly south of Clarence Bay.
Station Mark: Drill hole in rock with triangle. Cairn signal.

MOSQUITO: (Alaska, W. B. Gilmore, 1912; r. 1952)
On one of the last low foothills of the British Mountains, about 20 miles north of the main ridge, and on the border of the tundra flat, which extends north 15 miles to the seashore. Just east of the station the Clarence River flows out from the hills into the flat. The station is about 5½ miles west of line.
Station Mark: Drill hole in rock set flush with ground. Signal: Cairn without pole. Elevation, 2,415 feet (approx.). About one hour's gradual climb from a willow camping ground on the main trail along Clarence River, where the latter flows past the east foot of the hill.

BACKHOUSE: (Yukon, W. B. Gilmore, 1912)
On one of the higher foothills of the British Mountains, 5 miles east of Line. East of the station is a kettle in the hills, which has the appearance of a well-kept park, and from which a stream of considerable size flows off to the north-northeast, emptying into Clarence Bay 20 miles distant. This stream was named Craig Creek.
Station Mark: Drill hole in triangle cut in solid rock. Signal: Cairn with small pole and flag. Elevation, 3,620 feet (approx.). About two hour's gradual climb, from the camp at the east side of the pass at the head of Clarence River.

GRIZZLY: (Alaska, W. B. Gilmore, 1912)
On a prominent mountain, 4 miles north of the main ridge of the British Mountains, and 1½ miles west of the line. It is the highest mountain in the range in the immediate vicinity of the Boundary,

and is barren, rough, and steep, with many of the slopes covered with slide-rock and snow, and with numerous cliffs at the higher elevations. The station is situated on the backbone of the mountain, but not on its highest peak, the latter rising about 1 mile southeast of the point.

Station Mark: Shallow drill hole in small rock. Signal: Cairn without pole. Elevation, 6,565 feet (approx.). About one hour's walk plus 3½ hour's climb from the main-trail camp on the big willow patch at the forks near the head of Malcolm River. Climb was made up the northeast slopes into a saddle midway between the highest peak and the station, thence along the backbone of the mountain. However, this route cannot be recommended.

REPUBLIC: (Alaska, W. B. Gilmore, 1912)

On the main ridge of the British Mountains. The station is situated north of the head of Cottonwood Creek, and 4 miles west of the Line, on a peak, the character of which is very similar to that on which station Empire is located.

Station Mark: Rough drill hole in small rock. Signal: Cairn without pole. Elevation, 5,820 feet (approx.). About three hour's climb from a willow camping ground on one of the small branches at the head of Cottonwood Creek. Nearest timber about 6 miles east on Cottonwood Creek.

EMPIRE: (Yukon, W. B. Gilmore, 1912)

On the main ridge of the British Mountains. This ridge lies just north of Cottonwood Creek, a stream flowing east into the Firth. Crossing the Line in an east-to-west direction the ridge rises bare, steep, and rugged to an average elevation of 5,500 to 6,000 feet, and cliffs are encountered near the summit. The station is situated on a peak about 2 miles north of Cottonwood Creek and 3 miles east of the Line, and about the same distance west of the pass used by the survey parties as the main trail through the Range. The Arctic Ocean, 35 miles distant, is seen from the station over the intervening ridges to the north.

5430'

Station Mark: Rough drill hole in rock. Signal: Cairn with pole and flags. Elevation, (4,5)80 feet (approx.). About 2½ hour's climb from a willow camping ground on a small branch of Cottonwood Creek, which heads at the foot of the ridge below the station.

REABURN: (Alaska, W. B. Gilmore, 1912)

On a mountain which lies just north of Joe Creek, where the latter forks, about 6 miles west of Line. The mountain takes the form of a bare limestone ridge, running in a general northwest-to-southeast direction, and the signal is at the highest elevation near the middle

of the ridge. The mountain is steep, and the north-east face bristles with great spires of stone protruding from the slide-rock which covers it. This slide-rock extends for a considerable distance down from the top on the southwest face also. The British Mountains are about 10 or 12 miles north.

Station Mark: Shallow drill hole in rock about 6 by 12 inches, set flush with surface of ground. Signal: Cairn, Elevation, 5,020 feet (approx.). About 2½ hour's walk plus two hour's climb from main trail camp of Joe Creek; climb the southwest side. Dry willow camping ground at foot of mountain on this side. Nearest timber about 4 miles east on Joe Creek.

TUB: (Yukon, W. B. Gilmore, 1912)

On the highest knob, and toward west end, of a round-top mountain which stands 1 mile east of line and 2 miles northeast of Station W_1 of the Boundary. The mountain is a series of gradually rising moss and brush-covered benches, capped by several large knobs of disintegrating shale or slate. Past its east end Joe Creek, a large branch of the Firth, flows off to the northeast. The British Mountains lie about 10 or 12 miles to the north.

Station Mark: Drill hole in solid rock. Signal: A cairn with pole and target. Elevation, 4,725 feet (approx.). About 2½ hour's climb via the saddle, 1¼ miles southeast of Station W_1 of the Boundary from the main-trail camp at the forks of Joe Creek and its south branch. Climb the southwest slope.

TURNER: (Yukon, A. C. Baldwin, 1911)

On the highest mountain near the Boundary in the vicinity of the Firth River. It is about 12 miles north of the mouth of Mancha Creek, about 6 miles west of the main river, about 1 mile east of the Line, and about 1½ miles northeast of V_1 of the Boundary. The mountain appears dome-shaped from the south and west, and is very rough and rocky on top.

Station Mark: Hole drilled in a rock in place. Cairn signal.

SIWASH: (Alaska, A. C. Baldwin, 1911)

On a lone mountain which lies one-half mile west of the second large creek flowing into what is called the West Fork of the Firth River, and about 4 miles north of this fork.

Station Mark: Hole drilled in a rock in place. Cairn signal.

DESCRIPTION OF TRIANGULATION STATIONS ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MT. ST. ELIAS.

RIGGS: (Alaska, A. C. Baldwin, 1911)
On a sharp, high peak, about 5 miles north of Mancha Creek and about three-quarters of a mile west of the Line. From the south the mountain is a very conspicuous landmark, as it appears very sharp and much higher than the surrounding mountains.
Station Mark: A hole drilled in a rock in place. Cairn signal.

INCOG: (Yukon, A. C. Baldwin, 1911)
On a low, round-top hill about 3 miles west of the main Firth River, about 7 miles north by east of the mouth of Mancha Creek, and about 3 miles east of the Line.
Station Mark: A hole drilled in a rock in place. Cairn signal.

ALBION: (Alaska, A. C. Baldwin, 1911)
On a high, razor-back mountain, about 2 miles north of the north branch of Firth River, and about 8 miles west of the main forks. The east end of the ridge slopes down to a small creek, the first above the forks.
Station Mark; A hole drilled in a rock in place. Cairn signal.

SILVER: (Alaska, A. C. Baldwin, 1911)
On a high range of mountains which lies between Mancha Creek and the Firth River. The east end of this range slopes down to the wide flat between the river and the creek. The station is on the highest rise of the east end of the ridge.
Station Mark: A hole drilled in a rock. Cairn signal.

CORAL: (Alaska, A. C. Baldwin, 1911)
On a round-top ridge between the east and middle forks of the northwest branch of the Old Crow. About 3 miles northwest of the station is a very low divide between the Old Crow waters and Firth River.
Station Mark: A hole drilled in a rock in place. Cairn signal.

JIM: (Yukon, A. C. Baldwin, 1911)
On a table-top ridge at the head of Ammerman Creek, a branch of Old Crow River. A prominent land-mark 3 miles to the southeast is a large lone rock. The station is about 1 mile east of the Line, and 3 miles southeast of T_1 of the Boundary.
Station Mark: A hole drilled in a rock in place. Cairn signal.

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WEE: (Alaska, A. C. Baldwin, 1911)
In the flats of Old Crow River, about 2 miles above the mouth of Ammerman Creek, about 4 miles northwest of Ammerman Mountain, and about 7 miles above the Ammerman cabin, and about 200 yards from the west bank of the creek, in a small bunch of spruce.
Station Mark: A hole in a 4-foot spruce hub, driven to frost.

LYNX: (Yukon, A. C. Baldwin, 1911)
On the highest point of Ammerman Mountain, about 11 miles north of the Old Crow River. The station is on a flat-top prominence and is about three-quarters of a mile southeast of S_1 of the Boundary and of the pass through the range.

WATT: (Alaska, A. C. Baldwin, 1911)
On Ammerman Mountain, about 10 miles north of the Old Crow River. The station is on the third prominence from the west end of the mountain, and is about 2 miles southwest of S_1 of the Boundary.
Station Mark: A hole drilled in a rock in place. Cairn Signal.

YANKEE: (Alaska, A. C. Baldwin, 1911)
On a low, bare ridge about 1 mile south of Old Crow River, and nearly due west of Ammerman's cabin on the river.
Station Mark: A hole drilled in rock in place. Cairn Signal.

DOODLE: (Yukon, A. C. Baldwin, 1911)
On the wooded point of a southerly spur leading from the east end of Ammerman Mountain. This point is 8 miles due north of the mouth of Bilwaddy Creek, and is on the north edge of the Flats. The first branch of the Old Crow is about 3 miles east of the station.
Station Mark: A hole drilled in a rock set flush with the ground.

BILLIE: (Alaska, A. C. Baldwin, 1911)
On a bald dome ridge about 3 miles north of Bilwaddy Creek and about 6 miles west of the point where Old Crow River crosses the line.
Station Mark: A hole drilled in a rock in place. Cairn signal.

WAD: (Yukon, A. C. Baldwin, 1911)
In the Old Crow Flats, about one-half mile east of the river, and about 1½ miles northwest of the mouth of Bilwaddy Creek. There is a small lake just south west of the signal.
Station Mark: A cross cut in a 3-foot hewn piece of spruce.

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PASTURE: (Alaska, A. C. Baldwin, 1911)
On the northeast end of a plateau ridge that lies about 6 miles west of the Line. The station is about 3 miles south of Bilwaddy Creek.
Station Mark: A hole drilled in a rock in place. Cairn signal.

SPUD: (Yukon, A. C. Baldwin, 1911)
On what is known as "Potato Hill," a very conspicuous bare knob rising from the Flats of the Old Crow. This hill is about seven-tenths of a mile west of the Line, and 6 miles south of Bilwaddy Creek.
Station Mark: A hole drilled in a stone set flush with the ground. Cairn signal.

TIP: (Alaska, A. C. Baldwin, 1911)
On a rocky plateau ridge, about 2½ miles west of station R_1 of the Boundary. An old Indian grave is on the southwest spur of the ridge, just above timber-line.
Station Mark: A hole drilled in a rock in place. Cairn signal.

CHERRY: (Alaska, A. C. Baldwin, 1911)
About 14 miles south of Bilwaddy Creek, on the range bordering the Old Crow Flats on the west, on a high dome about 6 miles west of the Line. This dome is on the same range as station Comb, and is about 10 miles north of it. About 3 miles west of the station are several higher peaks of the ridge.
Station Mark: A hole drilled in a rock in place. Cairn signal.

TRAP: (Yukon, A. C. Baldwin, 1911)
On a low, lone ridge about 3 miles east of the Line, and about 10 miles south of Potato Hill. The station is on the highest point of this ridge.
Station Mark: A hole drilled in a stone set in the ground.

OLD CROW: (Yukon, A. C. Baldwin, 1911)
On a long, lone ridge included between Surprise and Schaefer Creeks. The station is about 10 miles north of Q_1 of the Boundary, and 1½ miles east of the Line. To the north the ridge slopes down to the Old Crow Flats. Station is one-quarter mile east of the highest point of the ridge.
Station Mark: A hole drilled in a rock in place. Cairn signal.

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COMB: (Alaska, A. C. Baldwin, 1911; r. 1953)
On a high rocky prominence of the range to the west of the Old Crow Flats. It is the highest point in the vicinity, and is about 5 miles west of the Line.
Station Mark: A hole drilled in a rock in place. Cairn signal.

TINY: (Alaska, A. C. Baldwin, 1911)
On a long, flat, low ridge, about 5 miles northwest of Q_1 of the Boundary. To the east the ridge slopes down to a wide creek valley which is south of the Old Crow Flats. Station is a little north of the highest point of the ridge.
Station Mark: A hole drilled in a rock in place. Cairn signal.

DOC: (Yukon, A. C. Baldwin, 1911)
On a dome mountain about 2 miles north of Rapid River, and 3½ miles southeast of Q_1 of the Boundary. There is a second dome similar in appearance about 2 miles northeast of Station Doc.
Station Mark: A hole in the center of a triangle cut in a rock. Cairn signal.

BARREN: (Alaska, A. C. Baldwin, 1911)
On a plateau ridge, about 6 miles north of Rapid River, and 6½ miles west of the Line. This plateau forms a divide between the waters of the Old Crow and Rapid Rivers.
Station Mark: A hole drilled in a rock in place. Cairn signal. To reach the signal the best route is to follow the small creek that empties into Rapid River at the cache about 2 miles below the line-crossing.

GUN: (Yukon, A. C. Baldwin, 1911)
On the divide between Sunaghun Creek and Rapid River. It is 1½ miles northeast of two prominent rocky pinnacles, and about 3½ miles northeast of P_1 of the Boundary, and on the same ridge.
Station Mark: A hole drilled in a rock in place. Cairn signal.

ORPHAN: (Alaska, A. C. Baldwin, 1911)
On a round-top ridge, about 4 miles west of the Line, and 2 miles south of Rapid River. The ridge connects with the east-and-west ridge forming the divide between Porcupine and Rapid River waters. Station can be reached by taking the spur to the north of station Sun.
Station Mark: A hole drilled in a rock. Cairn signal.

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SUN: (Alaska, A. C. Baldwin, 1911)
On the ridge which forms the divide between Sunaghun Creek and Rapid River, about 3 miles southeast of P_1 of the Boundary.
Station Mark: On a sharp pinnacle of rock, and is a hole drilled in same. Cairn signal.

CONE: (Alaska, W. B. Gilmore, 1910; r. 1953)
On an outcropping ledge of shaly rock, the highest part of a prominent conical knob, which rises from the backbone of a ridge 5 or 6 miles northwest of Rampart House. The ridge runs in a general east-to-west direction, the east spur running down to Sunaghun Creek, the south slope rising from a muskeg swamp which drains into that stream and separates this ridge from Sunset ridge. Reached by taking the trail which leads north from Turner's Northwest Base; at the first fork of the trail on the plateau, keep to the west, thus passing west of the Wan ridge. After proceeding about 3½ miles on the plateau the trail again forks near a small, lone, dead tree. The west fork swings down into the valley of the Sunaghun, crosses that stream and runs up the east point of the ridge directly toward the station.
Station Mark: A very shallow ½ inch hole within a triangle cut in a rather small stone set at the highest point of the above-mentioned ledge. Cairn and pole.

NASSAU: (Yukon, W. B. Gilmore, 1910)
On a mountain which rises prominently from the plateau, about 5 miles northeast of Rampart House. Except on the lower slopes, the mountain is bare of timber. Its top is a circular flat, about 60 yards in diameter, and the station is about 15 yards north of its center. Reached by taking the trail which leads north from Turner's Northwest Base. At the first fork of the trail on the plateau, keep to the east, thus reaching Wan Ridge. Passing over this, there is a steep descent into a mile-wide valley, somewhat swampy, filled with much brush and considerable timber, and drained by a small stream running south. Crossing this valley the ascent of the west slope of the mountain leads to the station.
Station Mark: ½ inch drill hole in a triangle cut in a stone about 10 inches by 20 inches by 10 inches in size, set flush with the ground. Cairn and pole signal.

JUNE: (Yukon, A. C. Baldwin, 1911)
On a bare, flat-topped mountain, 3 miles north of Rampart House, and one-half mile east of the Line.

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WAN 2: (Yukon, J.H. Turner, 1891; W.B. Gilmore, 1910)
On the south slope of a hill about 2½ miles almost due north of Rampart House. The hill is bare of timber and brush and rises from the wooded plateau south of it in four knolls of increasing elevation. The station is on the third knoll. At the point, found demolished cairn, the remains of Turner's station. Could find no station mark of 1890. Reached by taking the well-defined Indian trail which leads from Turner's Northwest Base up the steep hill directly north of it. Where the trail forks on the plateau, keep to the east. After leading through the woods it swings still farther to the east directly to the station. Total distance probably 3½ miles.
Station Mark: ½ inch drill hole in small stone set flush with the ground. Cairn.

PORCUPINE: (Alaska, F. Lambart, 1911)
On the summit of hill on which is station Sunset 2.

SUNSET 2: (Alaska, J.H. Turner, 1891; W.B. Gilmore, 1910)
On the southeast slope of the first ridge west of Sunaghun Creek. In the vicinity the ridge is practically bare of timber and brush. At the point, found demolished cairn and part of a flag pole, the remains of Turner's station. Could find no station mark of 1890. Reached from Rampart House by climbing hill just west of the mouth of Sunaghun Creek, going west about 1 mile through the timber on the plateau, then swinging northwest up the ridge. Total distance, probably 3½ miles.
Station Mark: A ½ inch drill hole in a small rock, set flush with ground. Cairn.

ASTRONOMIC STATION: (Yukon, J. H. Turner, 1890)
On the slope of the hill rising from the north bank of the Porcupine River, and within 100 yards of Rampart House in a northeasterly direction. The station is a concrete pier 3 feet high.

NORTH MONUMENT: (Alaska, J.H. Turner, 1890; W.B. Gilmore, 1910)
At the top of the hill just west of the mouth of Sunaghun Creek, and plainly visible from Rampart House. The monument was originally a crib of logs, which have rotted and fallen apart.
Station Mark: Shallow ½ inch drill hole in small flat stone set about 1 inch below the surface of the ground at the top of the remaining mound.

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NORTHWEST BASE: (Alaska, J.H.Turner, 1890, W.B.Gilmore, 1910)
On the west bank of the ravine running south into the Porcupine River and separating the Indian village from the post building at Rampart House. Is within 50 yards of Turner's old building, in a westerly direction.
Station Mark: A shallow hole in some lead or solder in the center of a flat reddish stone set flush with the ground.

BETWEEN THE PORCUPINE AND YUKON RIVERS.

FIRE HILL: (Yukon, J.H.Turner, 1890, W.B.Gilmore, 1910)
On the top of the bare limestone precipice which rises from the river due south of Rampart House, and Edmonds Island and plainly visible from the former. Just back of the hill is a deep ravine, which separates it from the plateau south of it.
Station Mark: An earthenware jar 6 inches in diameter set flush with ground by Turner in 1890. Reset by Gilmore, 1910. Small cairn.

FLAT 2: (Alaska, J.H.Turner, 1890, W.B.Gilmore, 1910)
On the top of the bluff on the south side of Porcupine River, about 1-3/4 miles southwest from Rampart House. At the point, found remains of Turner's large tripod signal, but no station mark. Reached after crossing the river, by climbing to the plateau via the first point west of the mouth of Iron Creek, thence keeping about 50 yards back from the break of the cliffs, go west about 450 or 500 yards.
Station Mark : ½-inch drill hole in a small rock set flush with the ground.

PORCUPINE RIVER, EAST BASE: (Yukon, D. W. Eaton, 1911)
Is a concrete block 14 inches by 12 inches by 12 inches, set on concrete foundation in frozen ground (black muck), and the point is marked by cross on copper strip set in block. Top of block flush with surface of ground. It is 1 mile northeast of Canalaska Mt. and one-quarter mile east of the Boundary.

PORCUPINE RIVER, WEST BASE: (Alaska, D. W. Eaton, 1911)
Is a flinty block 12 inches by 11 inches by 14 inches, set flush with the surface. The point is marked by a cross on a copper bolt set in a drill hole, and cemented in. It is surmounted by a flag pole, 16 feet long, and a cairn 4 feet high. It is on the highest part of the hill to the westward of Canalaska Mountain.

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CANALASKA OR BOUNDARY MOUNTAIN: (Alaska, W.B. Gilmore, 1910)
From Rampart House this mountain shows due south, rising above the ramparts of the river at a distance of 3½ miles. The station is at the highest point of a backbone of rock which slopes abruply to the west. Reached by crossing the river, then climbing to the plateau via either the first point west of Iron Creek or by following up the course of the creek itself, and thence due south to the mountain.
Station Mark: Shallow ½-inch drill hole in the solid rock. Cairn and pole signal.

RAMPART: (Yukon, W. B. Gilmore, 1910; r. 1953)
On the highest knob of a ridge lying just east of Canalaska Mt. The knob, which rises in the form of a dome of shattered rock from moss-covered ridge, is about 2 miles east of the summit of Canalaska Mountain,and about 4 miles a little east of south of Rampart House. There is no timber or brush in the immediate vicinity. Reached by crossing the river about the nouth of Bush Creek, climbing to the north end of the ridge and following along the west slope or top to the station.
Station Mark: ½-inch drill hole in a triangle cut in solid rock, which projects just above the surface of the thin soil and moss. Cairn and pole signal.

CHASM: (Alaska, W. B. Gilmore, 1910; r. 1953)
About 5 miles southwest of Canalaska Mountain on the top of the higher and more southerly of two knobs which rise from the low ridge just west of Chasm Creek. The hill top is bare, but there is timber about one-quarter mile to the east. Reached after crossing the river, by climbing to the plateau via the point west of and about 100 yards upstream from the mouth of Lignite Creek. Thence the trail leads about 2 miles through the saddle between Canalaska Mountain and the knob west of it; thence southwest about 3 miles, thus crossing Chasm Creek well above its mouth, and leading into the saddle between the knobs on the ridge on which the station is located; and thence south to the higher knob. Keep away from the mouth of Chasm Creek.
Station Mark: Shallow ½-inch drill hole within a triangle cut in a stone about 1 foot square and 4 or 5 inches thick. This is set flush with the ground. Tripod and pole signal.

LAKE: (Yukon, W. B. Reaburn, 1910; 1. 1953)
About 4½ miles east of the Line on the top of the southwest point of a ridge 7½ miles from Canalaska Mountain, from which it bears about southeast. The ridge is timbered, but is bare in the vicinity of the station with outcroppongs of limestone. About 1 mile southeast of the point is a large lake, with a chain of small lakes to the northeast of it.

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Station Mark: ½-inch drill hole within a triangle cut in a rock about 1 foot square and half as thick; this was set flush with the ground. Cairn and pole signal.

JUNCTION 2: (Alaska, W. B. Reaburn, 1910; r. 1953)
About 4 miles west of the Line on the highest point of the rather flat top of a bare ridge about 8 miles from Canalaska Mountain, from which it bears about south-southwest. To the south is quite an extensive valley, which apparently drains northwest.
Station Mark: ½-inch drill hole within a triangle cut in a stone of triangular shape, about 1 foot on a side and 1 foot in thickness. This was set nearly flush with the ground.

TIT: (Yukon, W. B. Reaburn, 1910)
On a small rocky ledge on a grassy hill, about 2½ miles east of the Line, and 4 miles norhteast of station N_1 on the same ridge.
Station Mark: ½-inch drill hole in a triangle cut in solid rock.

KITE: (Yukon, W. B. Reaburn, 1910)
On a limestone ledge on an east-and-west ridge, which has several outcroppings to the west and around the station. It is about 7 miles east of station N_1 of the Boundary, and 2 miles east of a large stream which flows into the Porcupine east of the Line.
Station Mark: ½-inch drill hole in a triangle cut on stone set in ground by the side of a rotten ledge. Cairn signal. Good feed on west side of stream, 2 miles west of signal.

ARCH 2: (Alaska, W. B. Reaburn, 1910)
On the highest point on a limestone ridge, about 3 miles north of Salmontrout River, 3½ miles west of the Line, about 4 miles south of west of station N_1 of the Boundary and on the same ridge, and about ½ mile north of some limestone dykes, one of which has an arch in it.
Station Mark: ½-inch drill hole in a triangle cut on a stone set in ground flush with surface. Cairn signal.

LONE: (Alaska, W. B. Reaburn, 1910)
On a lone hill rising from a flat country, about 4½ miles west of the Line, and 1 mile west of Salmontrout River. There are small tributaries to the north and south, both flowing east into the Salmontrout. There are several limestone ledges cropping out on the north side and near the top of hill.
Station Mark: ½-inch drill hole in solid rock, 2 or 3 inches under the surface. Cairn.

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SALMON: (Yukon, T. Riggs, Jr., 1910)

On the highest point of the flat white limestone ridge running across the country between Black and Salmontrout Rivers, about 3½ miles east of Line. Drainage on the southeast flows towards Black River, and on the west into the Salmontrout, which is plainly visible. Directly north the hills run out some distance, while on the west they drop off more quickly into the valley. Hill is precipitous on all sides except the west, where it slopes down to a low, rocky saddle connecting with the rolling high lime plateau. On the south side is a creek running southeast, whose bed at a distance looks like snow, on account of whiteness of rock.

Station Mark: Drill hole in triangle in solid limestone cropping through the broken top, and slightly raised above it. Cairn and pole signal.

STORM: (Alaska, T. Riggs, Jr., 1910)

On a high, flat-top limestone ridge about 4 miles west of the Line. The same ridge connects with station Fort. The drainage to the north and west flows into the Salmontrout, to the east and southeast into the Black River, and to the southwest into Rat River (?). Top of hill is covered with grass and large limestone rocks.

Station Mark: Drill hole in triangle on large limestone rock, about 4½ feet square. Cairn signal.

MESA: (Yukon, T. Riggs, Jr., 1910)

On a broad, bare plateau, about 6 miles east of Line. Plateau has three humps on it, and the station is on the center and highest, a broken rock summit. On the center of ridge to west and southwest is a peak like the Matterhorn. Northeast a broad river from lakes flows southwest. Southeast of station another small lake feeds a creek. Probably all Black River water.

Station Mark: Drill hole in exposed boulder. Cairn signal.

FORT: (Alaska, T. Riggs, Jr., 1910)

On a high, bare, broken-rock butte, superimposed on a white limestone ridge, about 3 miles west of the Line and 6 miles southwest of M_1 of the Boundary. On the west the waters seem to drain into Rat River, while on east the water flows into Black River. At a distance the hill has the appearance of a black, terraced fort.

Station Mark: Drill hole in triangle in large slab of quartz, nearly flush with the ground. Cairn signal.

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TROUBLE: (Yukon, T. Riggs, Jr., 1910)
About 4½ miles east of the Boundary on Black River, on the ridge east of the first creek coming in from northeast of creek near the Boundary. The point of the ridge has knobs separated by a low saddle. Station is on northern and higher knob, which is bare of trees and covered with moss and grass. Fine slab slate underlying moss.
Station Mark: Drill hole in triangle in slab set flush with the ground. Cairn and pole signal.

WHITE: (Alaska, T. Riggs, Jr., 1910)
On a prominent castellated knob on white limestone spur-ridge of the main north-and-south ridge. Spur is the first white limestone ridge north of Black River. Station is about 4½ miles west of the Line, and there is a higher flat-top part of the spur to the southeast of station. Water seems to drain north from near station.
Station Mark: Drill hole in triangle in rock.

CIRCLE: (Alaska, T. Riggs, Jr., 1910)
About 5 miles west of the Boundary, on the bare summit of a hill between the forks of Black River and a large tributary coming in from northwest. Timber on east side of hill is burnt.
Station Mark: Drill hole in triangle in slab of stone one foot square, set flush with the ground. Cairn and pole signal.

ARCTIC: (Yukon, T. Riggs, Jr., 1910)
About 3 miles east of the Line on a high, bare, rocky mountain, east of flats passed by two main forks of Black River. Peak is one of the two most prominent in this part of the country. To north is the wide Black River valley. A little north of east of J_1 of the Boundary; the summit is badly shattered lime rock covered with lichen.
Station Mark: Drill hole and triangle in large slab of rock. Cairn signal.

IGLOO: (Alaska, T. Riggs, Jr., 1910)
About 5 miles west of the Line on the summit of a low timbered ridge, running northeast and southwest on the last knob before running out into Black River flats. A spur ridge runs north for about one-quarter mile from station. It is the last ridge to be noticed between the higher bare ridges and the main fork on the Black. A small creek heads directly north of the station, following contour of ridge. Directly west lie the big flats.

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Station Mark: Drill hole within triangle in exposed piece of schist.

CURVE: (Yukon, T. Riggs, Jr., 1910)
About 2 miles north of the mountain at the head of Racquet Creek on a bare, rounding hogback, about 2½ miles east of the Line. Forks of Black River run from it in all directions. Cannot be further described without names of creeks.
Station Mark: Drill hole and triangle in flat rock about a foot square, sunk in flush with ground. Cairn signal.

FISHING: (Yukon, A. I. Oliver, 1910)
Two miles north of Teecan Creek, and three-quarters of a mile west of the Line near the north end of the more southerly of two high hogbacks 1 mile apart; the country drops off precipitously to west. The north hogback is considerably higher than the other. Good feed in valley 1 mile to south.
Station Mark: ½-inch drill hole surrounded by chiselled triangle in rock 14 inches by 10 inches by 10 inches, set flush with surface. Signal is 5.3 foot cairn, with center pole.

LOW: (Alaska, A. I. Oliver, 1910)
About 5½ miles west of the Line and 3 miles north of Orange Creek, on the summit of the low end-point of a low burnt ridge, which drops off rapidly from the station to the west into a broad point about 1 mile east of station on the same burnt ridge. Orange Creek is about 3 miles south of the station.
Station Mark: ½-inch drill hole in rock in place, which is 16 inches by 18 inches by 36 inches, and protrudes about 10 inches above the ground. The drill hole is shattered on the west side and is surrounded by a triangle. Tripod and pole signal.

STRIPE: (Yukon, A. I. Oliver, 1910)
On the summit of a high loose-rock mountain. It is the highest peak within several miles, and is about 2 miles northeast of I_1 of the Boundary, and 1 mile east of the Line. There is excellent feed in canyon immediately south of station.
Station Mark: ½-inch drill hole in rock in place. Signal: 6-foot cairn with center pole.

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TOM: (Alaska, A. I. Oliver, 1910)
About 5½ miles west of the Line, on the summit of the end point of a ridge running west from higher group of hills. Hill is smooth and open, and descends to main creek 4 miles west. Two miles south, on the creek running west, there is good feed.
Station Mark: ½-inch drill hole in stone 12 by 12 by 16 inches. Drill hole is surrounded by a triangle cut in stone. Signal is a 6-foot cairn, with center pole.

BLUE: (Alaska, A. I. Oliver, 1910)
About 2½ miles west of the Line, and 5 miles north of Siwash Creek on a sharp, open peak, which is one of a number of about the same height.
Station Mark: ½-inch drill hole in stone 8 inches by 14 inches by 12 inches, set flush with the ground. Signal is 3.6 foot cairn with center pole.

BENCH: (Alaska, A. I. Oliver, 1910)
About 7 miles west of the Line on the end point of a ridge running north from the main divide between Kandik River and Siwash Creek. The point is open and rises 800 feet above creek to east. It is easily reached from either side. Good feed on creek, 2 miles east of station.
Station Mark: ½-inch drill hole in stone 16 inches by 12 inches by 12 inches, which is set flush with surface of ground.

KANDIK: (Yukon, A. I. Oliver, 1910)
About 2½ miles east of the Line on a small knob of a long, open ridge, about 6 miles north of Kandik River. There is a deep saddle directly north of station, about ½ mile distant. There are higher points on the ridge, about 2 miles south.
Station Mark: ½-inch drill hole in slab of stone 15 inches by 15 inches by 10 inches. Signal is 5.7 foot cairn, with center pole.

FIRE: (Alaska, A. I. Oliver, 1910)
About 6 miles west of the Line on a low, bare knob, about 2 miles north of Kandik River. It is the only bare knob in the vicinity. There are higher timbered hills about 2 miles southeast of the station.
Station Mark: ½-inch drill hole in stone 15 by 15 by 12 inches.

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SEAL: (Yukon, A. I. Oliver, 1910)
On a high, isolated rocky butte about 5 miles south of Kandik River, and 5 miles east of the Line. Peak is the most northerly point of a group of hills. The country to the west is low, smooth, and timbered.
Station Mark: ½-inch drill hole in stone 15 inches by 18 inches by 18 inches. Signal is cairn, 4.9 feet high, with pole. Good camping place in meadow 2 miles southwest of station.

CHANGE: (Alaska, A. I. Oliver, 1910)
About 4½ miles west of the Line on an open, flat-top hill, which is the highest within 5 miles. The hill drops off to the north to Big Sitdown Creek, a fork of Kandik River.
Station Mark: ½-inch drill hole in stone 12 by 12 by 12 inches. Drill hole is surrounded by triangle.

SCRATCH: (Yukon, A. I. Oliver, 1910)
On the summit of one of a group of low hills, about 8 miles northeast of Indian Grave Mountain. The hill is covered with moss and grass, giving it a yellow appearance. It is about one mile north of the divide between Kandik River and Nation River drainage. Good camping place in meadow one-half mile south of station.
Station Mark: ½-inch drill hole in a rock in place. Drill hole is surrounded by triangle cut in the rock. Cairn, 4.7 feet high.

UNION: (Alaska, A. I. Oliver, 1910)
On the summit of a high, prominent peak about 5½ miles south of Big Sitdown Creek, and 1¼ miles north of Indian Grave Mountain, which is slightly higher. The peak is of loose-rock formation, and comes to a narrow ridge at the top and runs east and west for 200 yards. There is a deep canyon between the two peaks. Station G_1 of the Boundary is 1.3 miles east of south of station. The main boundary trail runs around the base of mountain on the west side.
Station Mark: ½-inch hole in slab of rock in place. Drill hole is surrounded by triangle.

HALLEY: (Alaska, A. I. Oliver, 1910)
About 2 miles west of the Line on an isolated, open, rather high mountain, 2 miles southwest of Indian Grave Mountain. Peak is about 3½ miles north of Nation River. The Boundary pack-trail traverses the west slope nearly half way up. Easily reached with pack-animals. Good feed in valleys to north and east.
Station Mark: A small hole in stone 12 by 16 by 10 inches, set flush with ground. Signal is a pole in a stone cairn.

DESCRIPTION OF TRIANGULATION STATIONS ALONG THE 141ST MERIDIAN FROM THE ARCTIC OCEAN TO MT. ST. ELIAS.

COMET: (Yukon, A. I. Oliver, 1910)
About 8 miles east of the Line on the more southerly of two open points, which rise about 1,000 feet above the immediately adjacent drainage. It is due west of the center of a long, dark hogback, which runs north and south and is one mile to the east and much higher than station. The point is 3½ miles north of Nation River. It is easily reached with pack-animals. Fine grass and good camp in head of draw, 1 mile to southeast.
Station Mark: A round hole drilled half-inch deep in a stone 10 by 14 by 12 inches set flush with the ground, with a triangle cut around the hole. Signal is a pole in a cairn.

LOST: (Yukon, A. I. Oliver, 1910)
About 6 miles east of the Line on a high open, dark, rocky point between Jungle and Ettrain Creeks. There is a prominent higher yellow point 1½ miles to east, across a deep saddle.
Station Mark: Cross cut on rock in place. Cairn and pole signal.

YELLOW: (Alaska, A. I. Oliver, 1910)
On a low knob of an east-and-west ridge, between Jungle and Ettrain Creeks, and about 1½ miles west of the Boundary. There is abundant feed and good camp on south side of ridge. Timber has been burned on south side of ridge, which is visible from Station F_1 of the Boundary.
Station Mark: A cross on a rock in place, and surrounded by a small triangle cut in rock.

CASCA: (Alaska, A. I. Oliver, 1910)
About 1½ miles west of the Line and 1-3/4 miles north of Tindir Creek on the summit of a badly shattered rock mountain. On the same ridge as, and about 1½ miles west of F_1 of the Boundary.
Station Mark: ½-inch drill hole in a triangle cut on a large slab of rock. Slab is about 6 feet by 3 feet by 1 foot. Cairn and pole signal.

LIME: (Yukon, A. I. Oliver, 1910)
On the summit of a loose-rock mountain about 3 miles east of Monument No. 98. The mountain is rounding at the top, and has a very dark appearance. Tindir Creek, a fork of the Nation River, heads about 3 miles southeast of station, and runs in a northwest direction. Another fork flows past the foot of the mountain on the north side, and also flows northwesterly.

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Station Mark: ½-inch drill hole in a triangle cut on a rock 2 feet by 1 foot by 1½ feet. Cairn and pole signal.

NATION: (Alaska, G. Clyde Baldwin, 1909)
On a lone ridge about 4 miles west of E_1 of the Boundary; the ridge has two rocky prominences on east slope.
Station Mark: A cross in rock in place over which is a short pole set in a 3-foot cairn.

VIEW, N.E.: (Yukon, G. Clyde Baldwin, 1909)
Located on the south end of the eastern part of a high ridge, 2½ miles east of E_1 of the Boundary.
Station Mark: Cross in rock in place, and cairn.

MUSH: (Alaska, G. Clyde Baldwin, 1909)
About 4 miles west of the Line on a long, bare ridge, about 1 mile north of Cathedral Creek, the second large creek north from Tatonduk River (Sheep Creek).
Station Mark: A cross in rock.

GRUB: (Yukon, G. Clyde Baldwin, 1909)
On a summit of the first hill north of Cathedral Creek and east of the second creek emptying into that stream from the north, reckoning eastward from the Boundary.
Station Mark: A cross on a rock.

SLIDE: (Alaska, G. Clyde Baldwin, 1909)
On a round, bare-top hill northeast of station Back, and 1½ miles south of Cathedral Creek. The station is only a few meters west of the Boundary.
Station Mark: A cross cut in rock. Small rock cairn.

BACK: (Yukon, G. Clyde Baldwin, 1909)
About 1 mile east of the Line on the summit of the highest of a group of very rocky hills forming a divide between the waters of Cathedral and Hard Luck Creeks.
Station Mark: A cross cut in rock. The signal is a pole set in a good-sized cairn.

PACK: (Alaska, G. Clyde Baldwin, 1909)
Two miles west of the Line on a rocky peak at the northwest end of a high divide separating the waters of Hard Luck and Cathedral Creeks.
Station Mark: A cross cut in rock. The signal is a pole set in a good-sized cairn.

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GAME: (Yukon, G. Clyde Baldwin, 1909)
Located about 1 mile east of the Line and 2¼ miles north of Hard Luck Creek near the southern end of a long sawtooth ridge which lies between two forks of the creek which empties at Monument No. 102 into Hard Luck Creek. A deep narrow canyon is another distinctive feature of this smaller creek, and is about 1 mile south of the station.
Station Mark: A drill hole surrounded by three arrows.

BARNEY: (Yukon, G. Clyde Baldwin, 1909)
Located about 3½ miles east of the Line on the highest knoll of the long ridge, which is included between the upper forks of Hard Luck Creek.
Station Mark: A cross in a rock set flush with the ground.

HI-YU: (Alaska, G. Clyde Baldwin, 1909)
On the summit of the first peak northwest of station Skook. This peak is also very high and rocky, but is somewhat lower than Skook.
Station Mark: Single pole with a cairn.

SQUAW: (Alaska, G. Clyde Baldwin, 1909)
About one-quarter mile west of the Line, and 4½ miles north of Tatonduk River, on the highest point of the divide between the east and west forks of Limestone Creek, and about one-quarter mile southwest of C_1 of the Boundary.
Station Mark: A roughly cut cross in the rock. Signal is a single pole set in a cairn.

RED: (Alaska, G. Clyde Baldwin, 1909; r. 1952)
On the summit of a hill on the north side of Tatonduk River, about 2½ miles west of the Boundary. On the south face of this hill are numerous red cliffs.
Station Mark: A cross cut in rock. To reach it, take the pack-trail from the elevated cache on the north bank of the Tatonduk, almost to the top of the saddle; then turn to the left (west) and follow the crest of the divide to the signal.

CASTLE: (Yukon, G. Clyde Baldwin, 1909)
On a high mountain about 3 miles north of the forks of Tatonduk River. The mountain may easily be recognized by its rocky appearance, and also by a large natural archway in a pinnacle of rock on the west slope. To reach the station the best route is to follow an old prospector's trail along the bank of Tatonduk River, as far as the first small creek above the canyon; then follow this

creek to the base of the station. The highest point of the mountain is a mass of unstable rock, and for this reason the station was not placed there, but about 200 feet south-southwest.
Station Mark: A cross in a rock in place.

CROW: (Alaska, G. Clyde Baldwin, 1909; r. 1952)
Located on high knob on the north side of the river at the bend toward Twentymile.
Station Mark: Cross on rock.

CHIEF: (Alaska, G. Clyde Baldwin, 1909)
About 1-3/4 miles west of the Line on the divide between Tatonduk and Yukon Rivers, about 3 miles northwest of B_1 of the Boundary.
Station Mark: Cut in a soft conglomerate rock in place. This rock chips and wears so easily that in future the reference marks should be used in recovering this station provided the signal cairn is not standing.

HUG: (Yukon, G. Clyde Baldwin, 1909; r. 1952)
Located on a high mountain between Tatonduk and Yukon Rivers, and about 200 feet from the point where the Line crosses the ridge. To reach this station follow the trail from the mouth of Shade Creek.
Station Mark: Small cairn, centered over a cross in rock.

STRATA: (Alaska, G. Clyde Baldwin, 1909)
About 11 miles below Eagle, Alaska, on the summit of Calico Bluff, on the west side of Yukon River.
Station Mark: Cross cut in rock.

BUSH: (Alaska, G. Clyde Baldwin, 1909)
About 3 miles below Eagle, Alaska, on the highest ridge north of Eagle Peak, and west of the mouth of Last Chance Creek, on the west side of Yukon River. To reach station, go up Boulder Creek to base of hill on its northwest bank.
Station Mark: Hole in rock in place.

BLOW: (Yukon, G. Clyde Baldwin, 1909)
About 1½ miles east of the Line on the ridge between the headwaters of Last Chance and Shade Creeks. Is on high peak, which has a sharp drop-off on the east side.
Station Mark: Cross in rock.

LONE: (Yukon, G. Clyde Baldwin, 1909)
About 1½ miles east of the Line on the highest conical peak just north of Eagle Creek. Take wood trail from near the mouth of Eagle Creek to wood camp, and then go up small creek bottom.
Station Mark: Cross in rock.

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EAGLE PEAK: (Alaska, G. Clyde Baldwin, 1909)
On the summit of Eagle Peak at Eagle, Alaska. Take trail starting from near the mouth of Mission Creek.
Station Mark: Five-inch hole in native rock, center being a small cross cut in sloping side of hole. Tripod signal.

HOG: (Yukon, G. Clyde Baldwin, 1909)
About 1 mile east of the Line and 5 miles north of Yukon River, on the west end of a hogback ridge about 1 mile southeast of station A_1 of the Boundary, and south of Eagle Creek.
Station Mark: Cross in rock.

NUT: (Alaska, G. Clyde Baldwin, 1909)
About 5½ miles of the Line and about due south from the Indian village on the west side of Castalia Creek. Take old Steel Creek trail past United States Military Wireless Station at Eagle, Alaska. Trail goes within about 100 yards of station.
Station Mark: Cross in rock.

YUKON: (Alaska, T. Riggs, Jr., 1907)
On high ridge about 2 miles west of the Boundary Line, and about 3 miles below the point where the Boundary crosses the Yukon on south side of river, near brow of ridge.
Station Mark: ½-inch drill hole in boulder set 1½ feet in ground. Tripod signal.

PETE: (Yukon, G. Clyde Baldwin, 1909)
On the summit of the first ridge north of Yukon River, and about 1 mile east of the Boundary.
Station Mark: A nail in 4-inch birch hub, driven flush with the ground. It is 20.91 feet east-southeast, 31.38 feet southwest, and 25.97 feet north-northwest from nails in sides of blazed spruce stumps.

GEORGE: (Alaska, G. Clyde Baldwin, 1909)
About 1 mile southwest of station Yukon and on the same ridge and about 3½ miles west of the Boundary.
Station Mark: Rough cross chiselled in large rock in place. Pole signal, with four supports, cut off about 5 feet from ground.

KNOLL: (Yukon, T. Riggs, Jr., 1907)
On the north side of Yukon River, about one-half mile east of the Line, a small, bare, rocky knoll on first ridge north of river.
Station Mark: 22-caliber brass shell set in solid rock. Signal is pole and cairn 1.4 meters high.

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BETWEEN THE YUKON RIVER AND MOUNT NATAZHAT

YUKON RIVER, WEST BASE: (Alaska, T. Riggs, Jr., 1907)
On the hillside on the south side of Yukon River, about three-quarters of a mile west of the Line, and about 50 feet from the bank.
Station Mark: Concrete pier one foot above ground, with copper rivet not quite in center of pier. Pier marked A.B.S.-W.B.-1907.

BOUNDARY (YUKON) LATITUDE, LONGITUDE, AND AZIMUTH STATION: (Alaska, C. & G. S. 1906; r. 1946)
A concrete pier about 30 feet south of the south bank of the Yukon River, and 17.62 feet west of the 141st Meridian. The longitude station is marked by a screw set in the concrete of the pier. For the other observations the center of the instrument was 0.022 meters farther west on the pier, no permanent additional marking being made.

YUKON RIVER, EAST BASE: (Yukon, T. Riggs, Jr., 1907)
On a small knoll on the south side of Yukon River, on river bank about 150 meters east of the Line.
Station Mark: Cross cut in copper and set in concrete pier. Pier sets about 8 inches above ground, and is marked A.B.S. - E.B. - 1907.

LOOP: (Yukon, T. Riggs, Jr., 1907)
On main boundary trail from Yukon River, about 2 miles east of the Line and 2 miles south of the river, on the highest brushy knoll on the ridge. Trail runs within 100 yards of station.
Station Mark: Cut on rock, with signal pole and tripod.

PLATEAU: (Alaska, T. Riggs, Jr., 1907)
On a wooded brushy knoll on the east-and-west ridge at the head of Boundary Creek, and 3 miles west of the Line.
Station Mark: Cross on rock set in ground. Tripod signal.

TRAIL: (Alaska, T. Riggs, Jr., 1907)
On bare, round hill about three-quarters of a mile west of the Line, and about 1 mile southwest of Monument No. 114. Trail runs a little to east of station.
Station Mark: A depression battered in small boulder set in ground. The station is not in the main scheme of triangulation. Tripod signal.

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SLOPE: (Alaska, T. Riggs, Jr., 1907)
About 3 miles west of the Line on highest bare hill, west of trail 1 mile, and north of Liberty Fork about 1½ miles.
Station Mark: On rock, 6-foot cairn.

TABLE: (Yukon, T. Riggs, Jr., 1907)
On a mossy butte, 2½ miles east of the Line and three-quarters of a mile northwest of the east branch of Liberty Fork.
Station Mark: 6-foot cairn over cut in a rock.

WOODY: (Yukon, T. Riggs, Jr., 1907)
About 3½ miles east of the Line on the highest part of the continuation of the Liberty Ridge. A good deal of timber surrounded the station, and was cut out.
Station Mark: 3/4 inch drill hole in rock sunk in ground. Tripod signal.

LIBERTY: (Alaska, T. Riggs, Jr., 1907)
About 1½ miles west of the Line on a bare knoll, 2½ miles north of Fortymile Dome and 2½ miles south of Liberty Fork. Trail runs around base of knoll.
Station Mark: 3/4 inch drill hole in rock sunk in ground. Tripod signal.

FORTYMILE DOME: (Alaska, T. Riggs, Jr., 1907)
On the most prominent rocky knoll between Yukon and Fortymile Rivers, and about 1 mile west of the Line. At the head of the south fork of Clinton Creek.
Station Mark: U.S.G.S. aluminum tablet set in large flat rock, about 3 by 4 feet; 8-foot cairn.

BARE: (Yukon, T. Riggs, Jr., 1907)
On the summit of a high, bare ridge between Clinton Creek and the heads of South Boundary and Marten Creeks. The trail from Steel Creek to Fortymile runs within a few feet of station.
Station Mark: ½-inch drill hole in rock set in ground. Triangle cut around hole. Tripod signal.

UNCLE SAM: (Alaska, T. Riggs, Jr., 1907)
On a knob on the trail to Steel Creek, between two forks of Sam Patch Creek on the east, and a fork of Dome Creek on the west. About 5 miles west of south of Fortymile Dome, and three miles west of the Line.
Station Mark: ½-inch drill hole in a stone sunk in ground. Tripod signal.

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JOHN BULL: (Yukon, T. Riggs, Jr., 1907)
About 2 miles east of the Line on the highest point of the ridge between station Bare and Fortymile River. Some dry timber had to be cut near signal. Trail runs within 100 feet of the station.
Station Mark: ½-inch drill hole in rock sunk in ground. Tripod signal.

RIVER: (Alaska, T. Riggs, Jr., 1907)
On high cut bank of Fortymile River, about one-half mile north of the river and 2½ miles west of the Boundary. An old trail runs up the ridge from the point opposite the United States Custom House, and can be traced in places to the station.
Station Mark: ½-inch drill hole in boulder set in ground. Tripod signal.

MOOSE: (Yukon, T. Riggs, Jr., 1907)
About 3½ miles east of the Line, and 4 miles south of Fortymile River on the north point of the highest ridge northeast of Moose Creek. Best route is up Moose Creek for about 4 miles, and then up point of ridge. Dense timber all the way. Top of ridge has some timber on it, and considerable cutting had to be done in vicinity of station.
Station Mark: 3/4 inch drill hole in stone set in ground. Tripod signal.

CANYON: (Alaska, T. Riggs, Jr., 1907)
About 4½ miles west of Baldy Mountain on the ridge between Smith Creek and Canyon Creek. Smith Creek forks at the foot of the hill on which the station stands, the left-hand fork running up to the saddle south of Baldy Mountain. The station is on the highest knob on the ridge. A large spruce tree, stubby at the top, with a foliage about the same spread up to the top, stands about 75 feet from the station a little east of north.
Station Mark: A large granite boulder set in the ground; 3/4 inch drill hole with surrounding triangle. Tripod pole signal.

BALDY: (Yukon, T. Riggs, Jr., 1907)
On Baldy Mountain, a high, bare hill, very flat on top, about 1 mile east of the Line, and west of Moose Creek and about 7 miles south of Fortymile River. Alma Creek heads northwest of it. The main trail from Moose Creek to Glacier passes over a bench near the top on the west side.
Station Mark: A platform about 1½ feet high built from loose rock and gravel, to make station high enough to observe from; 3/4 inch drill hole in boulder in center of platform. Tripod signal.

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BABY: (Alaska, T. Riggs, Jr., 1907)
About 4½ miles west of the Line, and 9 miles southwest of Baldy Mountain, on a spur of the divide between Canyon Creek and Walkers Fork. Spur runs out between Baby and Woods Creeks. Station is on the highest brushy knob on ridge. Considerable timber had to be cleared off to make sights.
Station Mark: 3/4 inch drill hole in rock set in ground. Triangle cut around hole. Tripod signal.

MARMOT: (Yukon, T. Riggs, Jr., 1907)
About 1½ miles east of the Line on the highest part of a blackish piece of slaty ledge. At the head of south fork of Hall Creek, and west of the head of Moose Creek. Trail from Glacier to Moose Creek passes near station.
Station Mark: 3/4 inch drill hole in solid rock.

GOLD: (Yukon, T. Riggs, Jr., 1907)
On a high, bald plateau, the highest point on an east-and-west ridge immediately north of Gold Creek. The most southerly fork of Moose Creek heads in the knob on which is the station. Trail to Dawson, over which a few wagons have been driven, runs along the side of the knob. Station is on the western edge of highest part.
Station Mark: 3/4 inch drill hole in triangle cut in rock. Cairn around pole.

WALKER: (Alaska, T. Riggs, Jr., 1907)
Unoccupied triangulation point on a bare hill on the trail between Glacier Creek and Walkers Fork, and about 1½ miles southwest of Monument No. 126. Trail runs near signal.
Station Mark: Drill hole in rock. Cairn signal.

MINNESOTA: (Alaska, T. Riggs, Jr., 1907)
Unoccupied point between two forks of Cherry Creek on a high bald ridge.
Station Mark: Drill hole in rock. Cairn signal.

MILLER: (Yukon, T. Riggs, Jr., 1907)
Unoccupied point, on a high, broken-rock ridge between Miller Creek and Bedrock Creek, and at the head of a fork of Walkers Fork and about three-quarters of a mile east of the Boundary.
Station Mark: ½-inch drill hole in rock. Cairn signal.

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PTARMIGAN: (Alaska, T. Riggs, Jr., 1907)
On a high, black, shattered-rock knoll on the ridge at the head of Walkers Fork, and north of Bedrock Creek. About one-half mile west of the Line, where it crosses about the middle of a deep saddle.
Station Mark:3/4inch drill hole in stone set in ground. Triangle cut around hole. Cairn and flagpole.

BEDROCK: (Yukon, T. Riggs, Jr., 1907)
On the south edge of the highest bare knob between Bedrock and Pat Murphy Creeks about one mile east of the Line.
Station Mark: 3/4 inch drill hole in rock set in ground. Triangle cut around hole. Cairn and flagpole.

WITHERSPOON: (Alaska, T. Riggs, Jr., 1907)
On a rock sticking out of a smooth, mossy knob on the main divide between the waters of Fortymile and Sixtymile Rivers, at the head of the middle fork of Cherry Creek, and about 6½ miles west of the Boundary Line.
Station Mark: 3/4 inch drill hole in stone set in ground. Triangle cut around hole. Cairn and flagpole.

MOSS: (Alaska, T. Riggs, Jr., 1907)
Unoccupied point, about 1-3/4 miles west of the Line on a flat rise on the main ridge running through from Fortymile River to Sixtymile River, and about 2 miles from where the ridge drops off into the Sixtymile. A trail runs around the hill on which the station is placed, and signal is visible from trail.
Station Mark: Drill hole in rock with cairn.

SIXTYMILE RIVER, EAST BASE: (Alaska, T. Riggs, Jr., 1907)
On a rocky hogback about 1½ miles west of the Line on top of the ridge between the Sixtymile and a creek flowing into it. At south end of hogback is a cairn with a stick in it, which has been identified as one of McArthur's camera stations.
Station Mark: Cross cut in lead plug poured into a 3/4 inch drill hole in solid but rather crumbly rock. Mark was covered up with dirt to the depth of a few inches but the knob on which it is can readily be identified by the base-line vista. Tripod signal.

SIXTYMILE RIVER, WEST BASE: (Alaska, T. Riggs, Jr., 1907)
About 1.6 miles west of East Base on the edge of the ridge dropping off into the north fork of the Sixtymile.

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Station Mark: Cross cut on a steel set-screw hammered into a drill hole sunk into a large boulder set about 2 feet into the ground. Tripod signal.

LODE: (Alaska, T. Riggs, Jr., 1907)
Unoccupied point on the highest point on the bare top of a mountain between the north and south forks of Sixtymile River, and about 6 miles west of the Line. This point is easily recognizable from all sides and, while not as high as the ridges to the south, on account of its isolation it is very prominent.
Station Mark: Drill hole in rock. A quartz vein was being prospected a few hundred feet below the signal.

CRAG: (Yukon, T. Riggs, Jr., 1907)
On the main divide between the waters of Sixtymile River and Ladue River. About 1 mile east of the Line, and on same ridge as Monument No. 133. Station is on the highest one of a jumbled-up bunch of granite boulders. A large rock of nearly the same height is 15 feet to the northwest, with a loose rock on top of it.
Station Mark: 3/4 inch drill hole in solid rock, triangle cut around hole. Cairn.

SPUR: (Alaska, T. Riggs, Jr., 1907)
About 2½ miles west of the Line on a shaly rounding hill, the second from the main divide between Sixtymile and Ladue Rivers. The spur runs down from station Divide between two forks of the Sixtymile, and is the first large spur west of the Line.
Station Mark: 3/4 inch drill hole in shale rock. Triangle cut around hole. 3-foot cairn and center pole.

DIVIDE: (Alaska, T. Riggs, Jr., 1907; r. 1908)
On a broken, rocky knoll on the highest point of the divide between the waters of Sixtymile River and Ladue River. Sixtymile River heads about two miles southwest of the station, and flows, in a great bend known as the Fishhook Bend, around the west end of ridge. The head of one of the forks of Ladue River is separated from the head of the Sixtymile by a low divide.
Station Mark: A small hole made with a nail 0.15 foot west of a 3/4 inch drill hole in large flat rock. Triangle cut around hole. Cairn and flagpole.

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ODELL: (Yukon, T. Riggs, Jr. 1908)
About 10 miles south of Sixtymile River, and 2½ miles east of the Line on the break of the ridge running from station Crag, the first ridge east of the Line.
Station Mark: ½-inch drill hole in triangle cut on stone in ground. 5-foot cairn, with a flagpole.

FRED: (Alaska, T. Riggs, Jr., 1908)
On the first high point south of station Divide, which is on the highest point on the watershed between the waters of Sixtymile River and McArthur Creek. Station is on a north-and south spur.
Station Mark: ½-inch drill hole in triangle cut on stone in ground; 5½-foot cairn, with flagpole.

INTERIOR: (Alaska, T. Riggs, Jr., 1908)
On a projecting ledge of shale rock on a knob on the main ridge running down from the main divide between McElfish Creek and North Fork of Ladue River, and about 1 mile west of the Line.
Station Mark: ½-inch drill hole in triangle cut on rock about 6 inches below surface of ground. 4-foot cairn.

LADUE: (Yukon, T. Riggs, Jr., 1908)
On a wooded knoll about 5 miles east of the Line, on third ridge from the ridge heading at Monument No. 133, and second ridge from station Odell, and about 7 miles northeast of the mouth of McArthur Creek. Ridge runs about southeast-northwest. Station is on highest and last knob on ridge.
Station Mark: ½-inch drill hole in triangle cut in large quartz boulder set in ground. Tripod signal.

TIMBER: (Alaska, T. Riggs, Jr., 1908)
A rocky point, 5 miles west of the Line, on a timbered ridge running about east and west. The ridge runs up from the North Fork of Ladue River opposite a timbered knoll called "Junction" standing well out in the flat, and almost opposite the mouth of McElfish Creek. The first summit on the ridge west of Ladue River is broad and timbered heavily. Between the two points is a saddle with two humps in it.
Station Mark: ½-inch drill hole in triangle on projecting piece of gneiss. Tripod signal.

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RIDGE: (Yukon, T. Riggs, Jr., 1908)
A brushy knob, about 4 miles east of the Line on a long ridge running east-and-west. The knob is a continuation of the ridge, the end of which, "Junction", is a point for topographic control. "Junction" at a distance looks like a lone knoll in the valley of the North Fork of Ladue River. The knob on which station is located is a small mound with stringers of quartz.
Station Mark: ½-inch drill hole in triangle cut on stone set in ground. Tripod signal.

POINT: (Yukon, T. Riggs, Jr., 1908)
About 7 miles east of the Line on a timbered knob on a narrow, heavily timbered ridge running northwest from the bend in the valley of the North Fork of Ladue River. The ridge on which Monument No. 142 stands comes into the valley one ridge south of this ridge, and on the opposite side of the river. The knob is not on the main summit but on the highest part of the spur from the north-and-south ridge.
Station Mark: ½-inch drill hole in ledge of rock in place. Tripod signal.

SUMMIT: (Alaska, T. Riggs, Jr., 1908)
About 4½ miles west of the Line on the first high ridge to be seen from the north, and between two tributaries of the North Fork of Ladue River. The station is on the same ridge as Monument No. 142, on a round rocky, dome-like knob, rather flat on top, the highest on the ridge where it divides, one part running south and the other northwest.
Station Mark: ½-inch drill hole in triangle cut on large rock set in ground. 6-foot cairn.

FRA-WA-PE: (Yukon, T. Riggs, Jr., 1908)
About 7 miles east of the Line, and 4 miles northeast of junction of North Fork and Ladue River on rock outcrop on the highest part of a thickly timbered ridge. Near the top of the station ridge are two knobs with saddles between; the station is on the more easterly. A good three hour's walk from the creek up the ridge. Far-wa-pe Creek lies to the south, with a ridge between the station and Ladue River.
Station Mark: ½-inch drill hole in triangle cut on rock. The moss had to be scraped off to expose the rock. There is just room on top of the rock to work comfortably. Tripod signal.

OH-TI: (Alaska, T. Riggs, Jr., 1908)
About 3 miles west of the Line on a ledge of exposed rock on a high conical hill on the main ridge between Ladue River and its North Fork. The hill is at the point in the ridge where it bends to the southeast. The boundary trail runs 300 yards from station.

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Station Mark: ½-inch drill hole in triangle cut on rock in place, about 6 feet east of a number of rocks sticking up about 6 feet higher than station. Tripod signal.

BUMP: (Alaska, T. Riggs, Jr., 1908)
On the second knob on ridge west of McArthur Creek. The timber has been burnt off the knob, except a small bunch of spruce on the south side. The point of the ridge runs down to a bench in the creek.
Station Mark: ½-inch drill hole in triangle cut on rock set in ground. Tripod signal.

BROWN: (Yukon, T. Riggs, Jr., 1908)
On the first rise northeast of the three knobs west of which the Line runs, about 7 miles south of Ladue River. Is on the boundary trail. Some aspen brush.
Station Mark: ½-inch drill hole in triangle cut on stone 1-foot square sunk in ground. Tripod signal.

BLACK: (Yukon, T. Riggs, Jr., 1908)
On a knob of a heavily timbered ridge, about 7 miles east of the Line and 6 miles south of Ladue River, and east of small tributary which heads in the Moosehorn Mountains.
Station Mark: ½-inch drill hole in triangle cut on rock. Tripod signal.

MISSOU: (Yukon, T. Riggs, Jr., 1908)
On the highest point of the third rise on the main ridge of the Moosehorn Mountains, about 8½ miles south of Ladue River. The bump is bare and rocky.
Station Mark: ½-inch drill hole in triangle cut on flat rock sticking up about 2 inches above ground; 4.5 foot cairn and flagpole.

MOOSEHORN: (Yukon, T. Riggs, Jr., 1908)
On the second rocky dome south from station Missou, and on same ridge, being about the southern end of Moosehorn Mountains.
Station Mark: ½-inch drill hole in triangle cut on boulder about 4 feet square, and deeply imbedded in ground; 6.7 foot cairn, and pole.

FLAT: (Alaska, T. Riggs, Jr. 1908)
About 6 miles west of the Line, and almost due west of station Moosehorn, on the highest point of the heavily timbered ridge west of McArthur Creek. Station is on a large outcrop of granite.
Station Mark: ½-inch drill hole in triangle cut on rock in place. Tripod signal.

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SAUERKROUT: (Alaska, T. Riggs, Jr., 1908)
About 7½ miles west of the Line on a heavily timbered spur ridge west of McArthur Creek, the second ridge from the end of long ridge running down to a lake on the Line. The spur reaches out into a large flat country, which is tributary to the Tanana River. Much chopping for lines of sight.
Station Mark: A drill hole in triangle on granite outcrop. Tripod signal.

WIENERWURST: (Yukon, T. Riggs, Jr., 1908)
About 1-3/4 miles east of the Line, on a heavily timbered lone hill at the end of a long ridge running down from Moosehorn Mountains. There is a lake to the northwest, and a number of them to northeast, these latter draining through Scottie Creek, which runs around the north side of the hill. The station is the highest knob where a great deal of cutting had to be done to open lines of sight.
Station Mark: A drill hole in triangle on granite outcrop, about 4 inches under moss. Tripod signal.

SCOTTIE: (Alaska, T. Riggs, Jr., 1908)
On the highest rocky point on the ridge, and about 1 mile southwest of Monument No. 158.
Station Mark: ½-inch drill hole in solid rock, and on south side of highest rocks. 5-foot cairn, with pole.

TANANA: (Alaska, T. Riggs, Jr., 1908; r. 1943)
About 7½ miles west of the Line on a lone, rounding hill rising out of a flat country dotted with lakes, to the west of hill on which station Scottie and Monument No. 158 are situated. There are two lakes to east of hill, in a niggerhead swamp, and a large swamp to the west and north. The hill has been burnt over and has new growth of aspen and birch; blueberry bushes cover the whole hill.
Station Mark: ½-inch drill hole in triangle cut on projecting point of hugh boulder. Tripod signal.

STARVATION: (Yukon, W. B. Reaburn, 1908; r. 1943)
On the first bench, and about one-quarter mile east of Monument No. 160, in scattered spruce and brush. Some cutting to open up vistas.
Station Mark: 3/8 inch drill hole in a large rock in place. The rock stands up about 1 foot above surface of ground.

RUPE: (Yukon, W. B. Reaburn, 1909)
About 1½ miles east of the Line, on the western end of a long east-and-west ridge, connected by a high saddle with the ridge Monument No. 160 is on. The station is about 1¼ miles east of station Starvation.

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Station Mark: 3/8 inch drill hole in a triangle cut on a large stone set in ground in the north end of a bare spot.

MIRROR: (Alaska, W. B. Reaburn, 1909; r. 1943)
On a densely timbered ridge, about 6 miles west of the Line. 1½ miles northeast of Scottie Creek, and about 7 miles southwest of Monument No. 160. Timber cut around signal with vistas to see other signals.
Station Mark: 3/8 inch drill hole in a triangle cut on a stone set in ground flush with the surface.

AIRS: (Alaska, W. B. Reaburn, 1909; r. 1943)
On the highest point on a flat-top hill, known as "Airs Hill," which is the highest point on the divide between Scottie and Mirror Creeks. Station is on the same ridge, and about 3½ miles a little north of west from Monument No. 164.
Station Mark: 3/8 inch drill hole in a triangle cut on a large flat rock set flush with the surface of ground. There are three large rocks set below the surface of ground to set instrument on.

DAVE: (Yukon, W. B. Reaburn, 1909; r. 1943)
On the highest point on a densely timbered hill, about 4½ miles east of the Line, and 1½ miles north of a lake, which is the head of southerly branch of Scottie Creek. The timber is cut for the north and west vistas, and backgrounds cut for the other sights.
Station Mark: 3/8 inch drill hole in a triangle cut on a stone set flush with the surface of the ground.

SNIDER: (Alaska, D. W. Eaton, 1909)
About one-half mile west of the Line on a timbered hill on the same ridge as, and about 1 mile northwest of Monument No. 166. Timber is cut around the signal.
Station Mark: 3/8 inch drill hole in a triangle cut on an outcropping ledge of rock.

WELLESLEY: (Alaska, D. W. Eaton, 1909)
On the highest point of the eastern end of Wellesley range of hills. A wall of rock, having a vertical face of about 20 feet on its southern side, extends east and west across the summit, and the station is on the eastern end of this wall.

SNAG: (Yukon, D. W. Eaton, 1909)
About 6½ miles east of the Line on a wooded knoll about 500 feet above, and on the right bank of Beaver Creek. The knoll is the

western end of a series of hills between Beaver Creek and White River, and south of Snag River. East about 3½ miles is an isolated cluster of hills extending in an east-and-west direction, having the appearance of being partly submerged in the surrounding flats or muskeg. About one-half mile southeast is a small isolated knoll, about 300 feet above the flat. The top of the knoll around the station is cleared of trees, and a vista is cut to the stations surrounding.

Station Mark: 3/8 inch drill hole in a triangle cut on a basaltic stone set in the ground, with top flush with the surface.

NIGGERHEAD: (Yukon, D. W. Eaton, 1909; r. 1943)

Five and a half miles east of the point where Beaver Creek crosses the Line for the third time; on a solid rock, which is the highest point of a group of hills called Niggerhead Hills.

Station Mark: 3/8 inch drill hole in a rock in place, about 3 feet in diameter, surmounted by a cairn with pole.

BAULTOFF: (Alaska, D. W. Eaton, 1909)

On the eastern rim of a flat-top mountain, about 4 miles south of west of Baultoff cabin. It is not on the highest part of the mountain, but on the rim overlooking the valley to the eastward, the summit, one-quarter mile east, being approximately 100 feet higher. It is easily reached from Baultoff cabin.

Station Mark: 3/8 inch drill hole in triangle on a stone about 16 by 15 by 8 inches which is set flush with the ground.

ED: (Yukon, D. W. Eaton, 1909)

About 4½ miles east of the Line on an isolated ridge to the east of Beaver Creek, about midway between the first and second crossings of the Line. It overlooks a flat country with numerous small lakes, toward the White River to the eastward. It is not on the highest part of the ridge, which is a few feet higher along the summit south of the station. It is easily found by following the top of ridge from the north end.

Station Mark: .3/8 inch drill hole in a stone set with top fairly level with surface, surmounted by a cairn and pole.

JOE: (Alaska, D. W. Eaton, 1909)

About 6 miles west of the Line on a mountain 1½ miles northwest of Brays Pass. It is not on the highest point, as a small peak one-quarter mile south of station is higher. It is easily reached from the small lakes in Brays Pass by following the stream emptying into them or from the stream in the valley north of station Joe.

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Station Mark: 3/8 inch drill hole in triangle on a stone 8 by 8 by 8inches set nearly level with surrounding stones on summit. A cairn with pole.

BEAVER: (Yukon, D. W. Eaton, 1909)

About three-quarters of a mile east of the Line on the highest point of the ridge running eastward from Monument No. 175, which is on a ridge to the westward of station Beaver and is connected with the ridge on which Monument No. 174 is situated by a comparatively low saddle at the head of a stream flowing by Lamb and Benson's cabin (Bullion Creek).

Station Mark: 3/8 inch drill hole in a stone surmounted by a cairn with pole.

HUMP: (Yukon, D. W. Eaton, 1909)

About 5 miles east of the Line on a hump on a ridge leading out from the first mountains north of Rabbit Creek between Beaver Creek and White River. The station is northward from the outlet of "Lake Tosmona," which drains into Beaver Creek. The station is easily reached from the outlet of the lake.

Station Mark: 3/8 inch drill hole in a basaltic stone 12 by 12 by 8 inches, set in the summit gravel, surmounted by a cairn with pole.

WI-KI: (Alaska, D. W. Eaton, 1909)

About 6 miles west-southwest of the mouth of Ptarmigan Creek. On the eastern point of a ridge which forms the eastern end of a short chain of mountains to the south of Beaver Creek. The station overlooks Beaver and Ptarmigan Creek valleys, and from the junction of these valleys the station appears to occupy the highest point of the end of the ridge. There are several rock projections to the west, which are 8 or 10 feet higher.

Station Mark: ½-inch drill hole in a basaltic stone 18 by 12 by 7 inches, set level with the surface, surmounted by a cairn and pole.

SHEEP: (Alaska, D. W. Eaton, 1909)

Three miles west of the Line on the highest point of the ridge at the head of Rocker Creek.

Station Mark: 3/8 inch drill hole in triangle on rock nearly level with the surface, surmounted by a cairn and pole.

RABBIT: (Yukon, D. W. Eaton, 1909)

One quarter mile east of the Line on the highest point near the eastern edge of the flat-top mountain at the head of Lignite Creek.

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Station Mark: A drill hole in triangle on a stone set level with the surface, surmounted by a cairn with pole.

CENTER: (Yukon, T. Riggs, Jr., 1909)

On a rocky peak one-quarter mile southeast of Monument No. 181, and about 2½ miles northeast of Cache Creek. A fork of Rabbit Creek heads in the mountain just opposite the saddle to the east and north of it. A small fork of Cache Creek heads in the same saddle, but on the southwest side. Mountain is the fourth from White River in the range running northwest just east of the Boundary, and is a mass of slide rocks.

Station Mark: Triangle and ½-inch drill hole in large slab of basalt, with a 3½-foot cairn over it. Pole in center.

CACHE: (Alaska, D. W. Eaton, 1909)

About 2¼ miles west of the Line on the edge of a lava flow on the western side of Cache Creek valley, about 4 miles from the mouth of Cache Creek.

Station Mark: 3/8 inch drill hole in a rock, surmounted by a cairn and pole.

FLAT TOP: (Yukon, D. W. Eaton, 1909)

About 1-3/4 miles east of the Line on a flat-top mountain, the highest peak in sight to the northeast from the mouth of Cache Creek. About 100 feet south of the station is a vertical cliff.

Station Mark: 3/8 inch drill hole, surmounted by a cairn and pole.

HARRIS: (Yukon, Frederick Lambart, 1913)

On the highest point of a round-top ridge immediately south of the large flat between the White and Jenerk Rivers, at their junction, and about 1,000 feet above the flat.

Station Mark: A 3-inch wire nail in a stump about 18 inches above ground level. A tripod signal was left over the station.

WHITE RIVER, EAST BASE: (Yukon, D. W. Eaton, 1909)

On the south side of White River on the flats, about 1¼ miles below the mouth of Kletsan Creek, and about one-half mile above the mouth of Cache Creek, which comes into White River on the opposite side. It is between two streams of clear water, which come together below the station. There is a line of posts in line with West Base, and a tripod signal was left standing in 1909.

Station Mark: A cross on a piece of tin imbedded in the top of a block of concrete 8 by 8 by 24 inches set 18 inches in the ground. The concrete block marked "W.R.E.B. 1909."

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WHITE RIVER, WEST BASE: (Alaska, D. W. Eaton, 1909)
On the south side of White River, about 400 feet south from its bank, and above the mouth of Kletsan Creek. It is in an open space, about 150 feet from the edge of the timber (spruce). There is a line of posts in line with East Base, and a tripod, 18 feet high, surrounded by an observing scaffold, was left standing over the station in 1909.
Station Mark: A cross on a piece of tin imbedded in the top of a block of concrete 8 by 8 by 24 inches set 18 inches in the ground. The concrete block marked "W.R.W.B. 1909."

KLETSAN: (Yukon, D. W. Eaton, 1909)
On the highest point of Kletsan Hills, an isolated cluster of hills between Little Boundary Creek and Kletsan Creek, south of White River.
Station Mark: 3/8 inch drill hole in a triangle on a stone, set flush with the surface.

TRAVER: (Alaska, D. W. Eaton, 1909)
About 4½ miles west of the Line on the highest point of an isolated hill between Traver Creek and Cub Creek, and about 1½ miles south of White River.
Station Mark: 3/8 inch drill hole in triangle on a stone, set flush with the surface. A large spruce stump is about 10 feet southwest from the station.

JENERK: (Yukon, Frederick Lambart, 1913)
On the eastern extremity of a flat which forms the northerly end of the ridge lying between Boulder Creek, which rises on the eastern slopes of Mount Lambart and joins the Jenerk River about 20 miles above its mouth, and the headwaters of Big and Little Boundary Creeks. The station lies about 1-3/4 miles northwest of the mouth of Boulder Creek, and 1,500 feet above it.
Station Mark: ½-inch drill hole in a triangle cut on a boulder about 25 feet from the eastern edge of the flat. A tripod signal was left over the station.

SCORIA: (Yukon, T. Riggs, Jr., 1909)
On the highest point of a sand hill, about 3 miles east of the Line and one-half mile east of a gravel flat in Little Boundary Creek, and just east of the largest lake in the neighbourhood. This hill is the only one in vicinity with any trees on it. One stumpy, bushy tree is particularly noticeable from the west.
Station Mark: ½-inch drill hole in triangle on a stone about one foot square, sunk in the ground.

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CUB: (Alaska, D. W. Eaton, 1909)
About 6 miles west of the Line and 8 miles south of White River, on the highest point on the end of a spur leading out from the mountains west of Cub Creek. Views 48-E, 49-E, 50-E and 52-E of Riggs, 1909, were made from this station.
Station Mark: 3/8 inch drill hole in triangle on a rock in place, surmounted by a cairn and pole.

DALTON: (Alaska, T. Riggs, Jr., 1909; r. 1913)
About one-half mile west of the Line on a shattered, moss-covered knob on the first ridge west of the ridge on which Z of the Boundary is located. The most westerly fork of Kletsan Creek runs just west of the ridge, and the middle fork is between the station and Z of the Boundary. The station is on the next knob up the ridge from two prominent black-rock pinnacles about 150 feet distant. Below the pinnacles the ridge is all brown shale slide.
Station Mark: ½-inch drill hole in a stone 24 by 18 by 8 inches, lying on ground. Surmounted by a cairn and pole.

LAMBART: (Yukon, Frederick Lambart, 1909; r. 1913)
On a prominent peak on the Natazhat ridge, three-quarters of a mile east of the Line, and 4 miles east of Mount Natazhat; about 5,000 feet above Natazhat Glacier, and 4 miles north of Klutlan Glacier.
No station mark, on account of snow cap.

KLUTLAN: (Yukon, Frederick Lambart, 1913)
On the summit of a cone-shaped peak, the most easterly prominent peak in that portion of the Natazhat Range lying in the bend of the Klutlan Glacier. The station is about 8 miles east of the Line, and 4,000 feet above the glacier, and was climbed from the east, leaving the glacier at a large flat about 10 miles above Boulder Creek.
No station mark, on account of snow cap.

CRAG: (Yukon, Frederick Lambart, 1913)
About 1½ miles east of the Line on the highest point of a cone-shaped peak lying immediately south of Klutlan Glacier, and about 3,600 feet above the glacier.
No station mark, on account of snow cap.

BO: (Yukon, Frederick Lambart, 1913)
About 6 miles east of the Line on the highest point of a prominent peak, which lies between Klutlan Glacier and Neshan Glacier, which joins it from the south. It is about 1½ miles southeast of

the junction of the glaciers, and is about 3,500 feet above them.
No station mark, on account of snow cap.

BETWEEN THE BOUNDARY CROSSING OF WHITE RIVER, AND MOUNT ST. ELIAS.

PING PONG: (Alaska, D. W. Eaton, 1909)
A cairn on the highest rocky knob near the western end of the range of hills on the north side of White River directly opposite the mouth of Holmes Creek. There are two small lakes to the northeast.
Station Mark: 3/8 inch drill hole in a large rock, set in ground.

HOLMES: (Alaska, D. W. Eaton, 1909)
A cairn on the rocky ledge on the north end of a north-and-south ridge, which is a foothill, but is detached from the main range by a saddle at the head of the creek. The cairn is on the first ridge west of first creek west of Holmes Creek, and south of White River.
Station Mark: 3/8 inch drill hole in a triangle cut on a stone set in ground.

BURNT HILL: (Alaska, W. B. Reaburn, 1909)
On a small, burnt hill, brushy on top, with grass on the southeast slope, rising out of a timbered country about 5 miles west of station Ping Pong, and 1¼ miles north of the flats of White River.
Station Mark: 3/8 inch drill hole in a triangle cut on a stone set in the ground flush with surface.

BLACK EAGLE: (Alaska, W. B. Reaburn, 1909)
A cairn on a rocky knob on a grassy hill which is a foothill of the main range south of White River. The cairn is about one-half mile east of a small glacial stream, to the west of which is a long string of grassy hills, which are apparently detached from the main range.
Station Mark: 3/8 inch drill hole in a triangle cut on a large stone set in ground.

SOLO: (Alaska, W. B. Reaburn, 1909)
A cairn on a small knoll north of White River, about 1 mile north of a cabin on Solo Creek, and about one-third of a mile east of this creek.
Station Mark: 3/8 inch drill hole in triangle cut on a stone set in ground.

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BEND: (Alaska, W. B. Reaburn, 1909)
A cairn on a knob of a spur south of, and in the bend of, White River where the valley turns to the southwest (looking up stream) and about 24 miles above the Line and about two miles northeast of the foot of the glacier at the head of river.
Station Mark: A 3/8 inch drill hole in a triangle cut on a stone set in ground.

END: (Alaska, W. B. Reaburn, 1909)
A cairn on the middle peak on a spur sloping to the northeast between White River and its middle fork.
Station Mark: 3/8 inch drill hole in a triangle cut on a stone set flush with the ground.

SKOLAI: (Alaska, W. B. Reaburn, 1909)
A cairn on a knob of a black spur, the first ridge to the southwest of the second glacier coming in from the southeast, and about 2 miles north of Russell Glacier. The spur slopes to the northwest, and the slope is gradual on the southwest and very steep on the northeast.
Station Mark: A drill mark in a small triangle cut on solid rock.

RUSSELL: (Alaska, A. C. Baldwin, 1912)
On the south end of a high range of mountains which lie immediately north of the White River end of Russell Glacier. Between the station and the largest fork of the range is a saddle, one-half mile below, which is the beginning of timber-line on White River; there is a lone log-cabin here. The station is on the highest point of the south fork of the range.
Station Mark: A hole drilled in rock in place, with a surrounding triangle. The signal is a cairn with a center pole.

LIME: (Alaska, W. B. Reaburn, 1909)
A cairn on a high hill to the northeast of Lime Creek and almost opposite the foot of the glacier in that stream. The main fork of Solo Creek heads on the north side of the hill, and a branch of Solo Creek heads on the east side of hill.
Station Mark: 3/8 inch drill hole in a triangle cut on a rock in place.

GLACIER: (Alaska, A. C. Baldwin, 1912)
On the first high snow-capped mountain to the north of Skolai Creek, and about 1½ miles west of the western foot of Russell Glacier. The station is on the second or northwest peak of the range, which connects by a low saddle with Skolai Peak, 2 miles

to the east. The mountain breaks off precipitously on all sides, and is covered with perpetual snow.

Station Mark: A triangle with sides about 1 inch in length, cut in native rock. It is located on a small shelf about 18 feet from the top of the peak, and about 2 feet from the wall of the shelf.

PASS: (Alaska, A. C. Baldwin, 1912)

On a low divide at the west end of Russell Glacier between Skolai Creek and Chitistone River. This divide is known as Chitistone Pass. The station is on the highest point of the second bench above Skolai Creek. Two miles to the east and west are high glaciated mountains.

Station Mark: Hole drilled in rock with surrounding triangle. Cairn, with center pole.

FREDERIKA: (Alaska, A. C. Baldwin, 1912)

On the southeast end of the long spur leading southeasterly from Frederika Mountain. It is about 3 miles northeast of the foot of Frederika Glacier, and is at the head of the second creek coming in from the east. The station is about 100 feet below the first top of the spur, and on the eastern end of a shelf which breaks off precipitously on the east side.

Station Mark: Hole, with a surrounding triangle, drilled in stone set flush with ground. Cairn signal.

GOFER: (Alaska, A. C. Baldwin, 1912)

On a low glacial bench south of Skolai Creek, and below peak "C". The station is about one mile south of the mouth of the second or upper canyon of Skolai Creek. A small lake is 100 feet to the southwest. The station is on a large flat rock 12 by 10 by 3 feet. There are numerous other rocks of all shapes and sizes in the immediate vicinity.

Station Mark: A hole, with surrounding triangle. Cairn signal.

COAL: (Alaska, A. C. Baldwin, 1912)

On a high mountain 3 miles west of Fredericka Creek, 2 miles north of Skolai Creek, and about 1½ miles north of east of the sharp red pinnacle of rock on the side of Station Creek.

Station Mark: 3/8 inch hole, with surrounding triangle, drilled in stone set flush with the ground. Cairn signal.

ROHN: (Alaska, A. C. Baldwin, 1912)

On the high mountain about 5 miles north of Skolai Creek, and about 4 miles east of the junction of Rohn Glacier with Nizina

Glacier; on a rocky prominence, the rest of the mountain being covered with snow and ice.

Station Mark: Hole, with surrounding triangle, drilled in a rock in place. Cairn signal.

FOOTHILL: (Alaska, A. C. Baldwin, 1912)

On the highest part of the ridge just south of the head of Skolai Lake, and about 1½ miles southeast of station Fulcrum. About one mile east of the station is a high glaciated mountain.

Station Mark: A hole, with surrounding triangle, drilled in stone set flush with the ground. Cairn signal.

FULCRUM: (Alaska, A. C. Baldwin, 1912)

On a low knob about two miles south of the head of Skolai Lake. To the west of the station the hill breaks off abruptly for about 1,000 feet, where there is a gradual slope to the Nizina Glacier.

Station Mark: 3/8 inch hole, with surrounding triangle, drilled in rock. Cairn signal.

GOAT: (Alaska, A. C. Baldwin, 1912)

On what is known as Chimney Mountain, which lies between Regal and Rohn Glaciers. The station is on the second bench above Regal Glacier, and about 2,000 feet below a prominent chimney-like tower on the summit of the mountain. Just east of the station the mountain breaks off precipitously to Nizina Glacier.

Station Mark: A hole, with triangle, drilled in a rock. Cairn signal.

SENTINEL: (Alaska, A. C. Baldwin, 1912)

On a spur leading to the northeast from Nizina Mountain. On the east end of the spur is a prominent rock, resembling a man in appearance. The station is about one-half mile west of this rock.

Station Mark: A 3/8 inch hole, with surrounding triangle, drilled in rock in place. Cairn signal.

NIZINA: (Alaska, A. C. Baldwin, 1912)

On the high mountain between the main Nizina River and its west branch. It is nearly due west 3 miles from the foot of Nizina Glacier. The station is on the east peak of the mountain.

Station Mark: A 3/8 inch hole drilled in a rock. Cairn signal.

NIKOLAI: (Alaska, A. C. Baldwin, 1912)

About 7½ miles east of north of Sourdough Peak on the highest point of the ridge between the Nizina River and McCarthy Creek.

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It is about 3 miles west of the junction of Nizina River with its west branch. The station overlooks the west branch of the Nizina.

Station Mark: A hole, with surrounding triangle, drilled in a rock in place. Cairn signal.

CHITISTONE: (Alaska, A. C. Baldwin, 1912)

On a high mountain just north of Chitistone River. The station is located on a flat top, about 1½ miles from west end of the range, or about 4 miles east of the island in the Nizina bar at the junction of Chitistone and Nizina Rivers.

Station Mark: 3/8 inch hole, with surrounding triangle drilled in rock. Cairn signal.

BOULDER: (Alaska, A. C. Baldwin, 1912)

On the ragged ridge east of Nizina River, south of Chitistone River, north of Dan Creek and west of Boulder Creek. The station is on a bluff, which breaks off precipitously toward the Nizina, and is about one-quarter mile north of the highest point of the ridge.

Station Mark: 3/8 inch hole in rock in place. Cairn signal.

EAST SOURDOUGH: (Alaska, A. C. Baldwin, 1912)

On the peak 1½ miles northeast of Sourdough Peak. The station is about 100 feet below the summit. It overlooks Nizina River to the south, and breaks off abruptly to the north.

Station Mark: 3/8 inch hole, with a triangle around it, drilled in a rock in place. Cairn signal.

NIZINA RIVER, SOUTHWEST BASE
NIZINA RIVER, NORTHEAST BASE: (Alaska, A. C. Baldwin, 1913)

The Nizina River base is located on the north side of Nizina River, directly opposite the mouth of Dan Creek, and on a flat peavine bar. The northeast end is near the timbered point, from which the river swings in a large bend toward Dan Creek, and is about one-quarter mile from the river and about 100 yards from the rocky cliff of the point. The southwest end is near the point where the river again strikes the north bluff, and about 100 yards from the river, with a landslide from the mountain just north of it.

Station Mark: Both bases are marked by a copper discs set in 18 inches of concrete. Each has three reference discs of copper set in concrete. Target signal.

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GROVE: (Alaska, A. C. Baldwin, 1912)
On a wooded knob, 2 miles south of Dan Creek and 1 mile west of Williams Peak.
Station Mark: Cross cut in stump of 6-inch birch, with nail driven in center. Target signal.

YOUNG CREEK: (Alaska, A. C. Baldwin, 1912)
Is located at the mouth of Young Creek, on the west bluff. It is due west from the Sourdough cabins about one-eighth of a mile.
Station Mark: A cross cut in a root of an 18 inch spruce; spike driven in the center of cross. Roots extend from east side of tree. Target signal.

WILLIAMS: (Alaska, A. C. Baldwin, 1912)
On the west spur of Williams Peak, about 1,000 feet from the summit. It is about one mile south of Dan Creek, and about 500 feet above Khrums lode claim.
Station Mark: A hole, with surrounding triangle, drilled in rock in place. Cairn signal.

MAY CREEK: (Alaska, A. C. Baldwin, 1912)
On a small hill, thickly covered with tall alders, at the head of the east branch of May Creek. It is about 2 miles west of the old saw-mill on Chititu Creek.
Station Mark: A spike driven in a 6 inch spruce stump. Target signal.

GEOLOG: (Alaska, A. C. Baldwin, 1912)
On the ridge on the northwest side of Rex Creek, on the extreme southwest end of the ridge, 500 feet above timber-line. This ridge is a spur leading from Williams Peak.
Station Mark: 3/8 inch hole, with triangle, drilled in rock in place. Cairn Signal.

REX: (Alaska, A. C. Baldwin, 1912)
On a high mountain between Rex Creek and White Gulch, about 3 miles from the forks of these two streams, and about 200 feet from the summit of the mountain.
Station Mark: 3/8 inch hole, with a triangle, drilled in a rock in place. Cairn signal.

CALAMITY: (Alaska, A. C. Baldwin, 1912)
On the high, sharp peak at the head of White Gulch and Calamity Creek. This peak is at the extreme east end of the divide between Young Creek and Chitina Creek.

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Station Mark: 3/8 inch hole, in triangle, drilled in large flat rock. Cairn signal.

CHITITU: (Alaska, A. C. Baldwin, 1912; r. 1953)
On the divide between Chititu and Young Creeks, on the second peak from the west, and about 1,000 feet above timber-line. It is about 3 miles south of the Nizina Post Office.
Station Mark: 3/8 inch hole, in a triangle, drilled in a rock in place. Tripod signal.

BRIGHAM: (Alaska, A. C. Baldwin, 1912)
On the ridge between Canyon Creek and Young Creek, where the latter swings sharply to the north looking upstream. This ridge is north of the low saddle between the creeks and about 3 miles north of the lake in this saddle. The signal is on a flat knob, which has a conspicuous rock slide on its south and west sides. The highest point of the ridge is about 1½ miles northeast.
Station Mark: 3/8 inch hole drilled in rock in place; surrounding triangle. Cairn signal.

PATTY: (Alaska, A. C. Baldwin, 1912; r. 1953)
On the highest peak of the divide between Young Creek and Chitina River, and about 4 miles due south from the mouth of Calamity Creek.
Station Mark: Hole, in triangle, drilled in a rock. Cairn signal.

BULB: (Alaska, A. C. Baldwin, 1912; r. 1953)
On a dome knob, about 2½ miles west of the highest peak on the divide between Young Creek and Chitina River, and about 4 miles south and west of the mouth of Calamity Creek.
Station Mark: 3/8 inch hole drilled in rock in place; triangle around it. Cairn signal.

EATON: (Alaska, A. C. Baldwin, 1912)
About 1½ miles southeast of the highest peak on the divide between Young Creek and Chitina River, on a prominence which breaks off precipitously toward Chitina River.
Station Mark: A hole, in triangle, drilled in a stone set flush with the ground. Cairn of sod.

HEAD: (Alaska, A. C. Baldwin, 1912)
On the high ridge 3 miles north of Chitina River, about 2 miles west of Canyon Creek and one mile south of the low divide near the head of Young Creek, the divide leading from the bend in Young Creek to Canyon Creek.

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Station Mark: A hole, in triangle, drilled in stone set flush with ground. Cairn signal.

BAR: (Alaska, A. C. Baldwin, 1912)
On a gravel bar of Chitina River, about 3 miles south of the point where the Young Creek trail comes out of the timber on the Chitina, and about 4 miles west of the mouth of Canyon Creek. The station is on a rise, with a few small cottonwood trees nearby.
Station Mark: A hole, in triangle, drilled in a rock set flush with the ground. Pole signal.

DELTA: (Alaska, A. C. Baldwin, 1912)
On a gravel bar of the Chitina River, about one-quarter mile south of point of timber on the delta of Canyon Creek.
Station Mark: 3/8 inch hole drilled in rock set flush with ground; triangle around hole. Target signal.

STREAK: (Alaska, A. C. Baldwin, 1912)
On a long, flat ridge about 2 miles east of Canyon Creek, and 3 miles north of Chitina River. There is a white rockslide just south of the signal.
Station Mark: A hole drilled in a stone set flush with the ground; triangle around it. Pole signal.

GIBRALTAR: (Alaska, A. C. Baldwin, 1912)
On a high, wooded island in the Chitina Valley, about 4 miles east of Canyon Creek and 2 miles east of the only cabin east of Canyon Creek. The island on the north side presents a precipitous wall of rock. It is about 800 feet above the floor of the valley, and is the highest of the islands.
Station Mark: A cross cut in a 6-inch spruce stump, with a nail driven in the center. Signal.

DELAY: (Alaska, A. C. Baldwin, 1912)
On top of the high mountain immediately west of the second glacier flowing into the Chitina Valley west of the foot of Chitina Glacier.
Station Mark: A hole, with triangle, drilled in a stone set flush with ground. Cairn signal.

ISLAND: (Alaska, A. C. Baldwin, 1912)
On a small, wooded island in the Chitina Valley, about 3 miles south of the foot of the second glacier below Chitina Glacier flowing in from the north, and about one-half mile south of a long wooded island, in the valley; there is a small island, "Till," about

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1 mile southwest, and a high island known as "Gibraltar" about 3 miles west.
Station Mark: A nail driven in a 7-inch spruce stump which is about 14 inches high. Pole signal.

FINIS: (Alaska, A. C. Baldwin, 1912)
On the range of mountains between the first and second glaciers below Chitina Glacier flowing into the Chitina Valley from the north. On a knob of a spur running about southwest and about 1,000 feet above timber-line, and 1,500 feet from the western top of the mountain.
Station Mark: 3/8 inch hole drilled in stone set flush with the ground; hole in center of a triangle. Cairn signal.

TERMINUS: (Alaska, A. C. Baldwin, 1912)
On a terminal moraine of the first glacier flowing into the Chitina Valley west of the foot of Chitina Glacier. It is about one-eighth of a mile east of the main body of water flowing from the glacier and one-quarter mile from the junction of this stream and Chitina River. Mr. Eaton's main tree-cache is about one-quarter mile southeast.
Station Mark: A hole inside a triangle cut in a large rock 24 by 24 inches. Cairn signal.

NIBS: (Alaska, A. C. Baldwin, 1913)
On the southwest spur of the mountain east of Short River Glacier, about 500 feet above timber-line.
Station Mark: 3/8 inch drill hole in a stone set flush with the ground. Triangle around hole.

CHOP: (Alaska, A. C. Baldwin, 1913)
On the small island about 3 miles below the foot of Chitina Glacier, on the south side of the valley.
Station Mark: A deep cross cut in a spruce stump (8 by 12 inches). Nail driven in center of cross.

DON: (Alaska, A. C. Baldwin, 1913)
On a low, wooded knob, on the south side of Chitina Valley, about opposite the foot of the glacier, and just east of the first creek flowing from the south into Chitina River.
Station Mark: Nail driven into a spruce stump.

CHITINA RIVER, WEST BASE: (Alaska, A. C. Baldwin, 1913)
Eighteen hundred meters from East Base. Azimuth of line East Base to West Base, 116° 14' 57".5.
Station Mark: Mauser cartridge shell in cement in a stone set flush with ground.

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ONLY: (Alaska, A. C. Baldwin, 1913)
On a shoulder of a cliffy mountain about half-way between Short River Glacier and Chitina Glacier. It is on the north side of the valley and across a deep canyon from a prominent black dome. Station is about 1,000 feet above timber-line.
Station Mark: 3/8 inch hole in a triangle drilled in a large native rock.

CHITINA RIVER, EAST BASE: (Alaska, A. C. Baldwin, 1913)
In the Chitina Valley on the north side near the foot of Chitina Glacier, where the north branch of the Chitina enters the wide valley. The station is on the delta built by the small stream coming into the Chitina from the north, and is about one-quarter mile north of a small wooded island.
Station Mark: Mauser cartridge shell in cement in a stone set flush with the ground.

SHELF: (Alaska, A. C. Baldwin, 1913)
On a low bench on the north side of the Chitina Valley, about 3 miles east of the foot of Chitina Glacier.
Station Mark: 3/8 inch hole, within triangle, drilled in a rock.

BUD: (Alaska, A. C. Baldwin, 1913)
On the higher of two rounded knobs on northeast spur of a high mountain on the south side of Chitina Valley, about opposite the two lakes between Logan and Chitina Glaciers, and about 2 miles west of a large river flowing from the south, the main headwater of the Chitina.
Station Mark: 3/8 inch hole, within a triangle, drilled in a rock in place; signal, cairn with pole.

ECK: (Alaska, A. C. Baldwin, 1913)
On a southwest spur of Chitina Mountain, on the first prominence above timber-line. Chitina Mountain is the mountain between Logan and Anderson Glaciers.
Station Mark: 3/8 inch hole,within triangle, drilled in a stone set flush with the ground.

FRITZ: (Alaska, A. C. Baldwin, 1913)
On a prominent low knob on the south side of Logan Glacier between Sled Glacier and the valley of the main headwater stream of the Chitina. Station is about 500 feet above the glacier.
Station Mark: 3/8 inch hole, within a triangle, drilled in a rock. Signal, cairn with pole.

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WALSH: (Alaska, A. C. Baldwin, 1913)
On a low shelf on south side of Chitina Mountain. It is about half-way between the junction of Walsh Glacier with the Logan, and the west point of Chitina Mountain.
Station Mark: 3/8 inch hole, within a triangle, drilled in a rock in place. Signal, cairn with pole.

PENN: (Alaska, A. C. Baldwin, 1913)
On the first bench of a peninsula-like mountain just east of Sled Glacier.
Station Mark: 3/8 inch drilled hole, within a triangle, in rock in place. Signal, cairn with pole.

POINT: (Alaska, A. C. Baldwin, 1913)
On the southwest point of Boundary Mountain, between Logan and Walsh Glaciers. Station is about 200 feet above the glaciers.
Station Mark: 3/8 inch hole, within a triangle, drilled in a stone set flush with ground. Signal, cairn with pole.

BOUNDARY A: (Alaska, A. C. Baldwin, 1913)
On a green bench on the south side of Logan Valley, and about 7 miles east of Sled Glacier. Station is 500 feet west of Monument No. 191.
Station Mark: 3/8 inch hole, within triangle, drilled in rock in place. Signal, cairn with pole.

BLONDIE: (Alaska, A. C. Baldwin, 1913)
On the west high peak of Boundary Mountain, with deep saddles east and west.
Station Mark: 3/8 inch hole, within triangle, drilled in rock.

SENATOR: (Yukon, A. C. Baldwin, 1913)
On the more westerly of two high knobs on the east end of Boundary Mountain.
Station Mark: 3/8 inch hole, within a triangle, drilled in a rock in place. Cairn signal.

DANE: (Alaska, A. C. Baldwin, 1913)
On Boundary Mountain on the first high shoulder about 2 miles east of junction of Logan and Walsh Glaciers. There is a saddle to the east of station.
Station Mark: 3/8 inch hole, within a triangle, drilled in rock in place. Signal cairn with pole.

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BOUNDARY: (Alaska, T. C. Dennis, 1913)
About midway between station Point and the summit of Boundary Mountain, between Logan and Walsh Glaciers, on the summit of a slight rise, and about 2,500 feet above the glaciers.
Station Mark: A 5-foot cairn.

SLOPE: (Alaska, T. C. Dennis, 1913)
About 2½ miles west of the Line, on the ridge west of the first glacier west of the Line on the south side of Logan Valley, near the north edge of a small prominence about 2,250 feet above the glacier.
Station Mark: A 5-foot cairn.

SNOW: (Yukon, T. C. Dennis, 1913)
Almost exactly on the Line, about 1½ miles south of the south edge of Logan Glacier on the summit of a prominent snowy peak, and about 3,000 feet above the glacier.
Station Mark: A 5-foot cairn.

DIVIDE: (Yukon, T. C. Dennis, 1913)
On a ridge between two westerly branches of a large glacier joining the Logan Glacier from the south, about 6 miles east of the Line. The point of the ridge is about 4 miles from the Logan Glacier, and the station is on a snow bench about 1½ miles from the point of the ridge, and about 3,000 feet above the glacier.
No station mark, on account of deep snow.

BLACK: (Yukon, T. C. Dennis, 1913)
On the summit of the ridge between Logan and Walsh Glaciers, about 4½ miles east of the Line, and about 3,250 feet above the glaciers.
Station Mark: A 4-foot cairn.

ACE: (Yukon, T. C. Dennis, 1913)
On the ridge immediately west of a very large glacier joining the Logan Glacier from the south about 6 miles east of the Line. The station is on the first prominent point of the ridge running up southwesterly from the bend of the glacier, and about 3,000 feet above it.
No station mark on account of deep snow.

TURN: (Yukon, T. C. Dennis, 1913)
On a prominent, low peak on the point between Logan Glacier and a large glacier joining it from the south, about 6 miles east of the Line, and about 1,500 feet above the glacier.
Station Mark: A 9-foot cairn.

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DUKE: (Yukon, T. C. Dennis, 1913)
About 1¼ miles south of east of station Turn on the summit of the same ridge, and about 2,500 feet above Logan Glacier.
No station mark on account of deep snow.

SHARP: (Yukon, T. C. Dennis, 1913)
On the ridge between Logan and Walsh Glaciers, about 9¼ miles east of the Line. On the more easterly of two knobs forming the summit of the peak, and about 3,250 feet above the glacier.
Station Mark: A 4½-foot cairn.

SUB-END: (Yukon, T. C. Dennis, 1913)
On a prominent hill on the south side of Logan Glacier, about 15 miles east of the Line. There are four knobs or rises on the summit of the peak, the station being on the second from the south, and about 2,250 feet above the glacier.
Station Mark: A 3½-foot cairn.

LOW: (Yukon, T. C. Dennis, 1913)
About 2 miles east of a gap in the ridge between Logan and Walsh Glaciers, 17 miles east of the Line. The station is on the first prominent point on the ridge sloping up easterly from the gap, and is about 2,000 feet above the glacier.
Station Mark: A 3½-foot cairn.

Yukon - Alaska Boundary, 1946.
The Alaska Highway at the boundary crossing, showing the temporary marker at the right.

GEOGRAPHIC POSITIONS

All geographic lists are on the 1927 North American datum. On the pages following are listed the triangulation stations and monuments which define the boundary along the 141st Meridian from the Arctic Ocean to the vicinity of Mount St. Elias. The latitudes and longitudes are uniformly given to three decimal places. The azimuths and back azimuths are measured from the south and given according to the grade of the field work from which they are computed. The azimuths between first-order stations are given to hundredths of a second, and between monuments and auxiliary stations to tenths of a second.

The distances are in meters and are shown according to their accuracy. Between first-order stations and where actually measured in the field they are given to two decimal places, and all others to only one decimal place. The logarithms of these distances in meters are given to seven decimal places between first-order stations and to six decimal places between other stations. Thus the usual method of publishing only one uncertain figure has been followed throughout.

The geographic lists are given as follows:

(1) The main scheme was obtained from the triangulation observations made by engineers of the International Boundary Commission and observations made by the United States Coast and Geodetic Survey connecting their first-order work with the Boundary triangulation at the Arctic Ocean, at the Porcupine River crossing, at the Yukon River crossing, at the Alcan Highway crossing and in the neighborhood of the Copper River north of Mount St. Elias. These observations of first-order accuracy were adjusted by the U.S. Coast and Geodetic Survey in 4 loops.

(2) The Boundary Monuments were adjusted by the International Boundary Commission from observations made by their field engineers in projecting the boundary line and connecting the monuments to the triangulation stations mentioned above.

(3) Subsidiary stations were adjusted by the International Boundary Commission from observations made by their field engineers connecting these stations to the main scheme and monuments.

Abbreviations on the following geographic lists have the following meaning:

d.= described m.= marked n.= not r.= recovered

l.= lost p.= probably

International boundary line 141st Meridian Main Schere *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Demarcation		69 40 47.076	118 33 20.46	298 33 19.17	Gordon - U.S.C.&G.S.	16.765	1.2244036
Alaska 1912; r. 1952	d.m.	141 10 31.996	39 10 09.71	219 00 10.73	Mike - U.S.C.&G.S.	10,933.32	4.0387522
Ocean		69 37 56.694					
Yukon 1912; l. 1948	d.m.	140 50 03.815	111 53 50.81	291 34 39.24	Demarcation	14,256.56	4.1540146
Tundra		69 35 23.988	142 17 33.76	322 06 19.16	Demarcation	12,671.40	4.1028247
Yukon 1912; r. 1948	d.m.	140 58 32.416	229 12 06.61	49 20 03.35	Ocean	7,252.24	3.8604724
Bug		69 28 41.975	149 58 19.86	329 39 27.98	Demarcation	25,994.83	4.4148869
Yukon 1912; r. 1952	d.m.	140 50 24.211	157 02 22.50	336 54 45.11	Tundra	13,536.20	4.1314966
			180 44 01.59	0 44 20.71	Ocean	17,191.60	4.2353162
Mosquito		69 27 26.207	183 37 33.35	3 39 50.19	Demarcation	24,868.42	4.3956482
Alaska 1912; r. 1952	d.m.	141 12 58.019	212 16 28.37	32 29 59.28	Tundra	17,533.15	4.2438600
			260 45 54.78	81 07 02.59	Bug	14,912.51	4.1735507
Backhouse		69 21 54.604	121 41 55.65	301 17 56.30	Mosquito	19,667.24	4.2937433
Yukon 1912	d.m.	140 47 20.470	171 00 28.74	350 57 36.72	Bug	12,781.69	4.1065884
Borealis		69 20 26.681	172 17 51.70	352 15 20.46	Mosquito	13,119.44	4.1179152
Alaska 1912	d.m.	141 10 16.454	220 07 07.48	40 25 43.56	Bug	20,116.66	4.3035558
			259 33 29.88	79 54 57.48	Backhouse	15,292.42	4.1844763
Pass		69 20 28.585	89 49 30.21	269 33 46.05	Borealis	11,041.15	4.0430143
Yukon 1912	d.m.	140 53 27.411	236 21 26.82	56 27 10.19	Backhouse	4,817.49	3.6828209
Aurora		69 15 05.396	126 47 04.13	306 28 01.55	Borealis	16,688.17	4.2224087
Yukon 1912	d.m.	140 49 54.988	166 56 06.89	346 52 48.19	Pass	10,282.23	4.0120872
			187 35 09.46	7 37 34.01	Backhouse	12,793.11	4.1069762
Grizzly		69 12 23.093	166 12 12.69	346 06 58.10	Borealis	15,433.46	4.1884634
Alaska 1912	d.m.	141 04 40.097	242 33 46.73	62 47 34.31	Aurora	10,957.50	4.0397114
Empire		69 07 54.814	135 54 12.55	315 42 47.66	Grizzly	11,594.36	4.0642468
Yukon 1912	d.m.	140 52 27.303	153 21 56.19	333 05 16.48	Borealis	26,096.24	4.4165779
			187 08 55.68	7 11 18.06	Aurora	13,447.84	4.1286526
Republic		69 08 50.277	179 01 01.77	359 00 30.13	Borealis	21,583.26	4.3341170
Alaska 1912	d.m.	141 09 42.620	206 47 21.48	26 52 04.24	Grizzly	7,390.13	3.8686522
			278 24 49.65	98 40 57.10	Empire	11,562.38	4.0630474
Tub		68 58 31.806	156 59 12.98	336 47 43.86	Republic	20,836.50	4.3188247
Yukon 1912	d.m.	140 57 24.773	190 40 00.43	10 44 38.24	Empire	17,755.00	4.2493208
Reaburn		68 59 01.222	189 10 02.93	9 14 12.17	Republic	18,491.09	4.2669624
Alaska 1912	d.m.	141 14 09.468	220 57 09.41	41 17 25.56	Empire	21,948.80	4.3414108
			274 31 55.45	94 47 33.29	Tub	11,214.07	4.0497631

International boundary line 141st Meridian. Main Scheme *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Turner		68 49 42.920	146 33 16.12	326 17 16.13	Reaburn	20,764.97	4.3173313
Yukon 1911	d.m.	140 57 00.533	179 03 25.64	359 03 03.02	Tub	16,390.59	4.2145947
Siwash		68 48 34.624	187 47 40.05	7 51 22.99	Reaburn	19,598.63	4.2922258
Alaska 1911	d.m.	141 18 08.436	216 43 54.49	37 03 14.71	Tub	23,137.64	4.3643191
			261 21 50.00	81 41 32.25	Turner	14,364.48	4.1572898
Riggs		68 46 33.464	108 46 43.76	288 31 19.45	Siwash	11,739.58	4.0696526
Alaska 1911	d.m.	141 01 36.981	207 48 07.90	27 52 25.64	Turner	6,638.80	3.8220896
Incog		68 45 30.003	109 41 34.41	289 33 56.86	Riggs	5,853.61	3.7674238
Yukon 1911	d.m.	140 53 26.109	162 57 49.90	342 54 30.00	Turner	8,197.81	3.9136980
Albion		68 42 45.577	158 32 13.06	338 26 19.39	Siwash	11,625.38	4.0654072
Alaska 1911	d.m.	141 11 48.993	217 32 13.31	37 46 01.48	Turner	16,333.47	4.2130785
			224 10 49.24	44 20 19.62	Riggs	9,859.60	3.9938591
			247 31 44.13	67 48 51.92	Incog	13,410.58	4.1274475
Shark		68 38 39.681	123 57 59.91	303 42 20.97	Albion	13,683.47	4.1361963
Yukon 1911	n.d.	140 55 01.068	184 47 49.44	4 49 17.91	Incog	12,759.07	4.1058189
Silver		68 38 35.294	192 46 31.44	12 48 56.94	Albion	7,952.69	3.9005138
Alaska 1911	d.m.	141 14 25.181	227 39 42.66	47 59 15.73	Incog	19,139.13	4.2819221
			269 15 25.54	89 33 29.72	Shark	13,148.28	4.1188689
Firth River, North Base		68 39 24.342	78 47 06.51	258 36 39.24	Silver	7,754.71	3.8895656
Alaska 1911	n.d.	141 03 11.692	283 57 46.13	104 05 23.09	Shark	5,709.71	3.7566138
Firth River, South Base		68 38 17.267	94 21 11.63	274 10 54.46	Silver	7,506.29	3.8754253
Alaska 1911	n.d.	141 03 22.494	183 21 26.58	3 21 36.64	Firth River, North Base	2,081.915	3.3184630
			262 56 39.92	83 04 26.91	Shark	5,706.20	3.7563470
Jim		68 30 33.153	143 42 45.19	323 27 39.64	Silver	18,563.71	4.2686648
Yukon 1911	d.m.	140 58 12.423	188 09 27.39	8 12 25.52	Shark	15,230.28	4.1827079
Coral		68 30 37.706	177 35 35.23	357 34 43.96	Silver	14,811.37	4.1705951
Alaska 1911	d.m.	141 13 30.108	219 55 38.31	40 12 50.73	Shark	19,515.30	4.2903752
			270 39 24.11	90 53 38.00	Jim	10,427.23	4.0181688
Lynx		68 23 03.141	143 27 39.67	323 13 23.94	Coral	17,557.13	4.2444536
Yukon 1911	d.	140 58 10.045	179 53 20.30	359 53 18.09	Jim	13,943.57	4.1443740
Wee		68 25 04.175	181 57 16.39	1 57 45.27	Coral	10,340.49	4.0145413
Alaska 1911	d.m.	141 14 01.151	226 32 07.94	46 46 50.43	Jim	14,851.51	4.1717706
			288 55 52.17	109 10 36.49	Lynx	11,487.42	4.0602226

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Watt		68 22 29.716	129 45 54.16	309 38 04.78	Wee	7,492.31	3.8746159
Alaska 1911	d.m.	141 05 36.307	258 27 43.95	78 34 38.91	Lynx	5,203.55	3.7162997
Doodle		68 18 17.257	133 15 15.30	313 03 58.05	Watt	11,435.45	4.0582534
Yukon 1911	d.m.	140 53 27.598	159 59 17.07	339 54 54.56	Lynx	9,429.37	3.9744825
Yankee		68 19 06.086	176 06 39.88	356 05 38.42	Wee	11,120.94	4.0461415
Alaska 1911	d.m.	141 12 55.034	218 27 14.05	38 34 01.82	Watt	8,063.17	3.9065058
			233 55 41.92	51 09 24.48	Lynx	12,508.89	4.0972188
			276 18 01.87	96 36 06.66	Doodle	13,465.47	4.1292214
Wad		68 12 27.814	136 26 14.23	316 10 20.68	Yankee	17,067.30	4.2321648
Yukon 1911	d.m.	140 55 48.489	188 29 05.19	8 31 16.06	Doodle	10,947.52	4.0393158
Billie		68 13 10.313	182 29 03.47	2 29 42.25	Yankee	11,033.75	4.0427233
Alaska 1911	d.m.	141 13 36.775	235 26 32.16	55 45 15.35	Doodle	16,832.73	4.2261546
			275 58 28.49	96 15 00.47	Wad	12,366.69	4.0922534
Spud		68 05 59.147	141 31 25.95	321 17 08.11	Billie	17,092.59	4.2328080
Yukon 1911	d.m.	140 58 12.604	187 50 41.00	7 52 54.76	Wad	12,156.64	4.0848135
Pasture		68 07 34.511	180 05 00.57	0 05 01.79	Billie	10,404.43	4.0172183
Alaska 1911	d.m.	141 13 38.093	233 29 07.25	53 45 40.13	Wad	15,322.40	4.1853269
			285 19 06.26	105 33 25.04	Spud	11,099.96	4.0453215
Tip		68 01 59.416	153 33 19.97	333 26 25.15	Pasture	11,601.48	4.0645135
Alaska 1911	d.m.	141 06 10.943	216 39 43.42	36 47 07.14	Spud	9,266.89	3.9669338
Trap		67 57 43.478	133 38 10.70	313 27 04.90	Tip	11,510.61	4.0610983
Yukon 1911	d.m.	140 54 12.843	169 45 50.74	349 42 08.39	Spud	15,607.35	4.1933292
Cherry		67 58 20.692	178 13 12.19	358 12 29.39	Pasture	17,167.48	4.2347066
Alaska 1911	d.m.	141 12 51.942	214 27 05.44	34 33 17.25	Tip	8,223.27	3.9150446
			274 55 00.57	95 12 17.94	Trap	13,070.55	4.1162939
Old Crow		67 51 50.541	135 57 37.80	315 42 04.49	Cherry	16,852.35	4.2266605
Yukon 1911	d.m.	140 56 04.755	186 47 28.73	6 49 12.43	Trap	11,012.57	4.0418888
Comb		67 50 20.690	177 07 35.89	357 06 36.43	Cherry	14,890.64	4.1729134
Alaska 1911; r. 1953	d.m.	141 11 47.767	221 45 43.79	42 02 01.21	Trap	18,430.86	4.2655456
			255 42 30.74	75 57 04.17	Old Crow	11,371.67	4.0558243
Tiny		67 46 43.340	152 24 27.21	332 19 48.55	Comb	7,600.90	3.8808652
Alaska 1911	d.m.	141 06 46.817	218 13 01.93	38 22 56.49	Old Crow	12,128.06	4.0837912

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Doc		67	42	15.867	130	59	11.48	310	46	37.29	Tiny	12,661.38	4.1024812
Yukon 1911	d.m.	14	53	11.907	139	04	12.82	318	45	59.88	Corb	19,925.01	4.2993986
					173	31	45.90	353	29	50.88	Old Crow	17,919.73	4.2533315
Barren		67	41	43.338	189	15	37.68	9	19	05.69	Corb	16,335.92	4.2131437
Alaska 1911	d.m.	141	15	32.487	213	16	27.55	33	24	34.03	Tiny	11,237.23	4.0506594
					265	50	11.24	86	10	51.56	Doc	15,814.42	4.1990532
Gun		67	35	33.954	126	01	17.80	305	40	46.13	Barren	19,381.45	4.2873852
Yukon 1911	d.m.	140	53	20.719	180	28	37.44	0	28	45.59	Doc	12,452.42	4.0952536
Orphan		67	34	15.910	161	41	56.72	341	35	58.83	Barren	14,506.83	4.1615725
Alaska 1911	d.m.	141	09	05.483	216	59	25.32	37	14	07.19	Doc	18,646.79	4.2706040
					257	45	06.58	77	54	39.95	Gun	11,432.23	4.0581310
Sun		67	32	27.343	136	51	32.85	316	47	26.50	Orphan	4,612.25	3.6639124
Alaska 1911	d.m.	141	04	38.939	234	08	50.45	54	19	17.35	Gun	9,891.79	3.9952749
Cone		67	29	10.095	169	12	05.23	349	09	44.09	Orphan	9,645.98	3.9843463
Alaska 1910; r. 1953	d.m.	141	06	32.746	192	26	20.51	12	28	14.66	Sun	6,258.30	3.7964567
					218	10	27.94	38	22	39.89	Gun	15,148.93	4.1803819
Nassau		67	28	48.801	93	51	13.77	273	38	09.81	Cone	10,100.39	4.0043383
Yukon 1910	d.m.	140	52	24.090	127	55	51.71	307	44	32.74	Sun	11,037.73	4.0428797
					176	56	49.90	356	55	57.57	Gun	12,570.09	4.0993384
June		67	27	38.967	117	30	23.52	297	23	20.94	Cone	6,124.95	3.7871022
Yukon 1911	d.	140	58	55.257	244	59	21.30	65	05	22.61	Nassau	5,126.92	3.7098562
Porcupine		67	25	42.273	173	45	43.39	353	44	48.65	Cone	6,476.99	3.8113733
Alaska 1911	d.	141	05	33.480	232	35	53.38	52	42	01.14	June	5,959.04	3.7751762
					238	16	46.75	58	28	55.81	Nassau	11,022.63	4.0422852
Porcupine River, East Base		67	22	47.127	140	56	12.34	320	50	30.54	Porcupine	6,993.14	3.8446722
Yukon 1911	d.m.	140	59	23.262	182	06	31.15	2	06	57.00	June	9,047.63	3.9565350
					203	56	54.38	24	03	21.44	Nassau	12,265.62	4.0886896
Porcupine River, West Base		67	22	08.714	167	40	30.37	347	38	38.25	Porcupine	6,772.72	3.8307634
Alaska 1911	d.m.	141	03	32.032	197	49	21.92	17	53	37.47	June	10,749.48	4.0313873
					212	35	48.57	32	46	05.33	Nassau	14,726.65	4.1681039
					248	07	07.67	68	10	57.30	Porcupine River, East Base	3,197.66	3.5048318
Rampart		67	21	42.300	153	02	37.34	332	53	28.35	Cone	15,574.63	4.1924178
Yukon 1910; r. 1953	d.m.	140	56	38.195	192	51	54.17	12	55	48.80	Nassau	13,555.38	4.1321117
Chasm		67	19	23.853	183	44	37.36	3	46	09.76	Cone	18,201.40	4.2601047
Alaska 1910; r. 1953	d.m.	141	08	12.827	212	44	21.44	32	58	57.34	Nassau	20,836.60	4.3188269
					242	34	40.31	62	45	21.33	Rampart	9,341.33	3.9704085

International boundary line 141st Meridian   Main Scheme   *State* Alaska   *Province* Yukon

Station		Latitude and Longitude ° ' "	Azimuth ° ' "	Back Azimuth ° ' "	To Station	Distance (meters)	Logarithm
Junction 2		[illegible] 1[illegible] [illegible]6.94[illegible]	183 26 49.13	3 27 17.4[illegible]	Chasm	6,111.51	3.7861486
Alaska 1910; r. 1953	d.m.	141 [illegible] 43.56[illegible]	219 46 39.53	39 57 1[illegible].7[illegible]	Rampart	13,535.41	4.1314714
Lake		67 16 57.954	83 21 58.35	263 04 54.23	Junction 2	13,394.80	4.1269364
Yukon 1910; lost 1953	d.m.	14[illegible] 59 13.253	109 25 21.67	289 [illegible] 45.7[illegible]	Chasm	13,686.25	4.1362845
			152 27 48.25	332 21 53.[illegible]7	Rampart	9,939.08	3.9973464
Tit		67 1[illegible] 29.249	135 29 43.39	315 16 30.75	Junction 2	14,696.56	4.1672157
Yukon 1910	d.m.	14[illegible] 54 23.881	193 59 39.45	14 03 30.54	Lake	12,412.22	4.0938496
Kite		67 08 23.533	117 56 03.64	297 46 39.51	Tit	8,335.27	3.9209197
Yukon 1910	d.m.	14[illegible] 44 11.742	164 48 15.99	344 42 42.70	Lake	16,517.83	4.2179529
Arch 2		67 06 47.948	178 33 34.27	358 33 0[illegible].77	Junction 2	17,323.08	4.2386251
Alaska 1910	d.m.	141 08 07.220	214 11 45.35	34 28 15.39	Lake	22,885.26	4.3595559
			235 14 19.86	55 26 58.56	Tit	12,056.47	4.0812202
			260 [illegible]6 18.66	8[illegible] 28 21.26	Kite	17,554.93	4.2443992
Battle		66 59 47.790	141 29 36.18	321 16 24.25	Arch 2	16,658.90	4.2216463
Yukon 1910	n.d.	14[illegible] 53 47.244	203 26 47.70	23 35 37.72	Kite	17,425.16	4.2411767
Lone		66 58 45.453	186 54 58.61	6 57 17.05	Arch 2	15,057.60	4.1777558
Alaska 1910	d.m.	141 10 37.561	226 44 36.90	47 08 57.30	Kite	26,232.55	4.4188406
			260 54 39.49	81 10 09.41	Battle	12,399.51	4.0934045
Salmon		66 53 41.293	125 23 45.67	305 06 56.13	Lone	16,323.76	4.2128203
Yukon 1910	d.m.	140 52 20.327	174 41 58.73	354 40 38.75	Battle	11,402.66	4.0570063
Storm		66 51 05.113	172 54 09.39	352 51 54.70	Lone	14,371.52	4.1575028
Alaska 1910	d.m.	141 08 11.142	212 51 12.38	33 04 27.16	Battle	19,298.75	4.2855292
			247 12 17.76	67 26 52.17	Salmon	12,551.19	4.0986848
Mesa		66 46 09.596	120 41 47.82	300 22 19.55	Storm	18,018.98	4.2557302
Yukon 1910	d.m.	140 47 00.187	164 26 40.49	344 21 46.17	Salmon	14,527.85	4.1622012
Fort		66 45 24.375	174 41 40.49	354 40 26.58	Storm	10,601.13	4.0253522
Alaska 1910	d.m.	141 06 50.736	214 29 45.77	34 43 05.95	Salmon	18,702.97	4.2719107
			264 21 17.10	84 39 31.07	Mesa	14,633.53	4.1653490
Trouble		66 39 09.928	133 40 59.14	313 25 45.49	Fort	16,833.83	4.2261828
Yukon 1910	d.m.	140 50 15.993	190 26 15.55	10 29 15.40	Mesa	13,220.31	4.1212418
White		66 38 47.183	192 54 37.16	12 58 08.85	Fort	12,624.83	4.1012254
Alaska 1910	d.m.	141 10 41.222	231 38 00.67	51 59 45.89	Mesa	22,169.05	4.3457470
			267 09 54.20	87 28 39.08	Trouble	15,076.14	4.1782901
Circle		66 30 46.511	186 27 39.41	6 29 45.28	White	14,985.74	4.1756783
Alaska 1910	d.m.	141 12 58.398	226 56 30.77	47 17 20.96	Trouble	22,915.58	4.3601308

INTERNATIONAL BOUNDARY COMMISSION—UNITED STATES, ALASKA, AND CANADA

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International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Provinc* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Arctic		66	27	34.427	112	12	16.77	291	54	08.20	Circle	15,847.30	4.1999554
Yukon 1910	d.m.	140	53	11.247	148	15	55.92	327	59	52.64	White	24,539.15	4.3898595
					185	42	31.29	5	45	12.08	Trouble	21,653.11	4.3355203
Curve		66	20	45.187	144	00	34.75	323	43	49.67	Circle	23,062.46	4.3629057
Yukon 1910	d.m.	140	54	41.826	185	03	25.88	5	04	48.88	Arctic	12,726.73	4.1047167
Igloo		66	21	21.852	174	04	25.86	354	02	11.20	Circle	17,585.99	4.2451668
Alaska 1910	d.m.	141	10	31.487	228	04	23.66	48	20	16.95	Arctic	17,317.11	4.2384753
					275	22	15.60	95	36	45.51	Curve	11,867.65	4.0743648
Fishing		66	14	19.655	145	42	05.88	325	31	08.39	Igloo	15,848.17	4.1999792
Yukon 1910	d.m.	140	58	33.420	193	33	48.51	13	37	20.56	Curve	12,286.53	4.0894294
Low		66	13	21.190	184	14	14.58	4	15	35.80	Igloo	14,930.22	4.1740661
Alaska 1910	d.m.	141	12	00.189	223	08	48.26	43	24	38.94	Curve	18,891.29	4.2762616
					259	42	57.03	79	55	15.37	Fishing	10,245.08	4.0105153
Stripe		66	06	00.560	141	33	26.15	321	20	12.30	Low	17,453.07	4.2418717
Yukon 1910	d.m.	140	57	32.301	177	10	19.51	357	09	23.60	Fishing	15,478.85	4.1897388
Tom		66	04	23.095	179	35	33.59	359	35	24.92	Low	16,668.34	4.2218924
Alaska 1910	d.m.	141	11	50.711	208	18	23.48	28	30	32.72	Fishing	21,008.69	4.3223989
					254	15	35.79	74	28	40.51	Stripe	11,204.73	4.0494015
Blue		66	02	00.473	131	41	31.76	311	35	30.99	Tom	6,648.55	3.8227266
Alaska 1910	d.m.	141	05	15.965	218	02	56.46	38	10	00.26	Stripe	9,451.38	3.9754953
Kandik		65	55	07.855	142	32	53.33	322	16	54.73	Tom	21,703.10	4.3365218
Yukon 1910	d.m.	140	54	21.357	147	11	45.17	327	01	47.27	Blue	15,219.99	4.1824143
					173	14	00.81	353	11	06.36	Stripe	20,360.53	4.3087891
Bench		65	57	10.639	191	31	28.34	11	34	46.77	Tom	13,672.41	4.1358451
Alaska 1910	d.m.	141	15	27.902	220	36	59.24	40	46	18.24	Blue	11,840.71	4.0733779
					283	11	54.29	103	31	10.76	Kandik	16,460.33	4.2164386
Seal		65	45	51.285	137	33	58.87	317	10	45.31	Bench	28,599.19	4.4563537
Yukon 1910	d.m.	140	50	00.779	169	10	26.14	349	06	28.38	Kandik	17,553.83	4.2443720
Fire		65	48	28.849	171	32	04.33	351	29	10.57	Bench	16,341.36	4.2132883
Alaska 1910	d.m.	141	12	17.523	227	41	49.61	47	58	11.69	Kandik	18,410.98	4.2650769
					285	50	50.21	106	11	09.35	Seal	17,687.96	4.2476778
Change		65	40	12.602	170	22	53.91	350	19	47.02	Fire	15,591.17	4.1928788
Alaska 1910	d.m.	141	08	52.526	233	50	42.05	54	07	53.67	Seal	17,842.26	4.2514500

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International boundary line 141st Meridian Main Scheme *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Scratch		65 39 08.656	96 53 18.41	276 33 20.37	Change	16,920.79	4.2284207
Yukon 1910	c.r.	140 46 57.622	132 02 30.97	311 39 25.40	Fire	26,007.14	4.4150927
			169 24 41.68	349 21 54.74	Seal	12,688.03	4.1033943
Union		65 36 05.986	141 33 45.19	321 26 32.56	Change	9,760.10	3.9894542
Alaska 1910	d.m.	141 00 57.602	242 07 58.90	62 20 44.02	Scratch	12,147.26	4.0844783
Comet		65 33 37.865	109 44 05.45	289 28 50.71	Union	13,671.30	4.1358098
Yukon 1910	d.m.	140 44 12.997	168 23 34.55	348 21 04.62	Scratch	10,460.46	4.0195509
Halley		65 33 45.354	163 49 06.87	343 44 58.70	Change	12,491.41	4.0966116
Alaska 1910	d.m.	141 04 20.046	210 45 36.23	30 48 40.57	Union	5,070.33	3.7050364
			270 42 20.05	91 00 38.96	Comet	15,487.10	4.1899701
Lost		65 28 01.392	130 36 34.72	310 21 51.03	Halley	16,408.45	4.2150676
Yukon 1910	d.m.	140 48 09.036	196 12 01.39	16 15 36.20	Comet	10,854.23	4.0355990
Yellow		65 27 41.231	173 10 48.09	353 09 12.40	Halley	11,358.75	4.0553304
Alaska 1910	d.m.	141 02 34.902	231 54 39.39	52 11 22.17	Comet	17,961.93	4.2543531
			266 41 06.28	86 54 13.96	Lost	11,167.21	4.0479446
Lime		65 19 47.803	154 33 22.57	334 25 09.76	Yellow	16,247.55	4.2107880
Yukon 1910	d.m.	140 53 32.881	195 15 12.04	15 20 06.49	Lost	15,849.08	4.2000042
Casca		65 20 50.404	182 09 18.52	2 09 52.33	Yellow	12,733.47	4.1049468
Alaska 1910	d.m.	141 03 12.085	221 00 27.76	41 14 08.89	Lost	17,720.16	4.2484677
			284 25 56.97	104 34 43.34	Lime	7,740.91	3.8887922
View Northeast		65 16 05.300	144 06 15.31	323 58 46.02	Casca	10,909.09	4.0377887
Yukon 1909	d.m.	140 54 57.581	189 02 18.49	9 03 35.44	Lime	6,978.28	3.8437483
Nation		65 16 34.694	203 18 32.47	23 22 32.24	Casca	8,625.94	3.9358064
Alaska 1909	d.m.	141 07 35.969	241 11 26.03	61 24 12.00	Lime	12,453.46	4.0952901
			275 11 29.98	95 22 58.83	View Northeast	9,879.35	3.9947282
Grub		65 12 41.388	124 50 46.65	304 38 38.08	Nation	12,678.74	4.1030762
Yukon 1909	d.m.	140 54 13.668	174 50 44.48	354 50 04.61	View Northeast	6,341.27	3.8021764
Mush		65 13 36.213	186 05 41.75	6 06 23.08	Nation	5,559.41	3.7450288
Alaska 1909	d.m.	141 08 21.482	246 02 02.48	66 14 12.52	View Northeast	11,413.25	4.0574092
			278 39 11.51	98 52 01.25	Grub	11,149.44	4.0472532
Slide		65 11 05.820	125 31 34.73	305 23 58.22	Mush	8,028.52	3.9046355
Alaska 1909	d.m.	140 59 58.622	236 32 43.08	56 37 56.21	Grub	5,375.37	3.7304086

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International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Back		65 09 45.910	130 55 35.35	310 45 59.70	Mush	10,906.02	4.0376663
Yukon 1909	d.m.	140 57 47.323	145 23 01.50	325 21 02.34	Slide	3,007.95	3.4782793
			207 03 57.11	27 07 11.04	Grub	6,104.77	3.7856690
Pack		65 09 35.846	156 50 51.65	336 47 09.21	Mush	8,098.56	3.9084078
Alaska 1909	d.m.	141 04 16.427	230 16 08.00	50 20 01.98	Slide	4,362.67	3.6397524
			266 25 55.13	86 31 48.24	Back	5,077.95	3.7056883
Game		65 07 30.249	126 16 21.98	306 10 12.30	Pack	6,583.00	3.8184238
Yukon 1909	d.m.	140 57 29.004	176 44 58.69	356 44 42.07	Back	4,208.40	3.6241175
Barney		65 05 53.421	128 25 18.25	308 20 55.10	Game	4,829.60	3.6839110
Yukon 1909	d.m.	140 52 38.915	150 51 10.62	330 46 30.81	Back	8,247.64	3.9163299
Hi-Yu		65 04 54.939	189 27 27.22	9 29 08.15	Pack	8,820.37	3.9454868
Alaska 1909	d.m.	141 06 07.688	215 51 09.40	35 58 43.33	Back	11,127.31	4.0463901
			234 32 39.27	54 40 29.75	Game	8,305.66	3.9193739
			260 10 05.71	80 22 19.24	Barney	10,717.32	4.0300863
Squaw		65 03 31.268	120 04 14.11	299 59 03.05	Hi-Yu	5,178.52	3.7142053
Alaska 1909	d.m.	141 00 24.662	234 03 26.89	54 10 29.27	Barney	7,511.23	3.8757111
Castle		65 00 26.173	133 46 08.79	313 39 13.46	Squaw	8,295.82	3.9188591
Yukon 1909	d.m.	140 52 46.522	180 33 41.26	0 33 48.16	Barney	10,135.79	4.0058575
Red		65 01 35.677	171 21 15.23	351 20 10.10	Hi-Yu	6,242.48	3.7953572
Alaska 1909; r. 1952	d.m.	141 04 55.861	224 42 41.64	44 46 47.51	Squaw	5,040.55	3.7024783
			282 36 30.19	102 47 31.29	Castle	9,791.39	3.9908444
Chief		64 57 10.200	172 01 12.85	351 59 53.06	Red	8,302.71	3.9192201
Alaska 1909	d.m.	141 03 27.821	234 06 09.96	54 15 51.08	Castle	10,371.74	4.0158515
Crow		64 58 18.980	218 01 32.69	38 07 02.69	Red	7,738.30	3.8886455
Alaska 1909; r. 1952	d.m.	141 10 59.974	289 41 27.71	109 48 17.38	Chief	6,304.52	3.7996521
Hug		64 55 00.188	125 08 00.85	304 57 55.41	Crow	10,720.77	4.0302258
Yukon 1909; r. 1952	d.m.	140 59 51.642	144 49 56.41	324 46 40.59	Chief	4,927.31	3.6926095
			208 52 17.28	28 58 42.45	Castle	11,534.98	4.0620167
Strata		64 54 50.566	183 48 16.99	3 48 46.63	Crow	6,469.07	3.8108416
Alaska 1909	d.m.	141 11 32.696	235 45 59.73	55 53 18.94	Chief	7,699.31	3.8864515
			268 03 35.27	88 14 10.20	Hug	9,221.08	3.9647818
Blow		64 51 27.403	118 50 50.08	298 37 40.61	Strata	13,086.66	4.1168288
Yukon 1909	d.m.	140 57 00.802	161 11 01.91	341 08 27.22	Hug	6,963.03	3.8427983
Bush		64 51 39.116	177 18 35.01	357 18 15.82	Strata	5,935.84	3.7734823
Alaska 1909	d.m.	141 11 11.504	235 04 27.75	55 14 43.35	Hug	10,900.42	4.0374434
			271 44 49.58	91 57 39.69	Blow	11,212.82	4.0497150

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Lone		64 49 01.042	113 51 04.20	293 38 20.17	Bush	12,157.92	4.0848594
Yukon 1909	d.m.	140 57 07.378	181 05 42.27	1 05 48.22	Blow	4,533.66	3.6564492
Eagle Peak		64 48 13.001	187 12 23.14	7 13 18.60	Bush	6,434.39	3.8085071
Alaska 1909	d.m.	141 12 12.778	243 17 34.49	63 31 19.88	Blow	13,449.74	4.1287138
			262 47 19.14	83 00 58.44	Lone	12,041.48	4.0806797
Hog		64 45 07.595	116 55 58.23	296 43 00.81	Eagle Peak	12,724.31	4.1046341
Yukon 1909	d.m.	140 57 53.431	184 48 14.82	4 48 56.48	Lone	7,255.43	3.8606633
Nut		64 43 40.068	173 25 54.63	353 24 47.94	Eagle Peak	8,508.75	3.9298657
Alaska 1909	d.m.	141 10 59.050	227 46 11.94	47 58 44.29	Lone	14,819.91	4.1708457
			255 17 10.95	75 29 01.45	Hog	10,743.01	4.0311260
Pete		64 41 48.255	108 32 33.34	288 20 44.58	Nut	10,945.14	4.0392213
Yukon 1909	d.m.	140 57 55.177	180 12 51.38	0 12 52.96	Hog	6,173.57	3.7905367
George		64 41 38.658	138 22 59.73	318 19 11.47	Nut	5,031.96	3.7017370
Alaska 1909	d.m.	141 06 46.600	227 25 26.36	47 33 28.48	Hog	9,576.28	3.9811970
			267 31 00.60	87 39 01.03	Pete	7,049.70	3.8481707
Loop		64 39 18.636	117 10 10.48	297 00 32.74	George	9,522.67	3.9787587
Yukon 1907	d.m.	140 56 07.428	162 52 21.82	342 50 44.43	Pete	4,849.04	3.6856558
Plateau		64 38 59,965	171 28 26.37	351 27 36.13	George	4,969.68	3.6963283
Alaska 1907	d.m.	141 05 51.012	230 23 32.84	50 30 42.94	Pete	8,185.52	3.9130460
			265 39 29.15	85 48 16.55	Loop	7,768.52	3.8903383
Yukon		64 42 19.370	11 48 07.36	191 46 39.51	Plateau	6,308.61	3.7999334
Alaska 1907	d.m.	141 04 13.822	310 53 21.49	131 00 41.16	Loop	8,540.18	3.9314671
Knoll		64 41 38.374	47 41 14.03	227 35 07.48	Plateau	7,280.55	3.8621643
Yukon 1907	d.m.	140 59 05.483	107 17 59.97	287 13 21.20	Yukon	4,278.75	3.6313167
			331 21 17.69	151 23 58.63	Loop	4,930.15	3.6928600
Yukon River, East Base		64 40 51.184	127 34 00.56	307 29 58.10	Yukon	4,482.96	3.6515644
Yukon 1907	d.m.	140 59 45.622	200 00 08.88	20 00 45.17	Knoll	1,555.35	3.1918269
Yukon River, West Base		64 41 04.096	137 51 29.48	317 49 05.49	Yukon	3,144.98	3.4976174
Alaska 1907	d.m.	141 01 34.551	241 44 12.89	61 46 27.65	Knoll	2,243.27	3.3508816
			285 27 40.06	105 29 18.52	Yukon River,East Base	1,498.746	3.1757280
Table		64 33 17.656	139 50 46.54	319 40 37.20	Plateau	13,887.33	4.1426186
Yukon 1907	d.m.	140 54 36.482	173 50 13.30	353 48 51.14	Loop	11,244.56	4.0509423

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Slope		64 33 55.693	180 47 20.94	0 47 29.77	Plateau	9,424.00	3.9742353
Alaska 1907	d.m.	141 06 00.789	218 11 30.31	38 20 26.36	Loop	12,738.25	4.1051097
			277 16 41.13	97 26 59.09	Table	9,190.73	3.9633498
Moody		64 29 36.47	127 30 07.42	307 18 16.63	Slope	13,216.32	4.1211105
Yukon 1907	d.m.	140 52 53.475	168 40 18.59	348 38 45.60	Table	6,986.33	3.8442489
Liberty		64 28 37.735	164 08 45.66	344 05 36.07	Slope	10,237.55	4.0101960
Alaska 1907	d.m.	141 02 30.780	216 04 05.45	36 11 13.60	Table	10,732.68	4.0307083
			256 39 15.97	76 47 56.97	Moody	7,922.39	3.8988564
Bare		64 25 42.572	135 49 34.18	315 43 37.98	Liberty	7,569.58	3.8790719
Yukon 1907	d.m.	140 55 55.975	198 35 29.17	18 38 13.84	Moody	7,643.34	3.8832832
Fortymile Dome (U.S.G.S.)		64 26 19.748	174 48 58.93	354 48 32.75	Liberty	4,290.86	3.6325443
Alaska 1907	d.m.	141 02 01.764	230 11 37.31	50 19 52.05	Moody	9,529.93	3.9790897
			283 11 22.95	103 16 52.92	Bare	5,028.43	3.7014324
John Bull		64 22 07.875	147 38 24.87	327 32 51.54	Fortymile Dome (USGS)	9,238.90	3.9656205
Yukon 1907	d.m.	140 55 52.161	179 33 36.21	359 33 32.77	Bare	6,649.06	3.8227602
Uncle Sam		64 22 27.228	202 12 57.85	22 16 16.14	Fortymile Dome (USGS)	7,779.76	3.8909662
Alaska 1907	d.m.	141 05 41.623	232 17 37.73	52 26 25.89	Bare	9,907.52	3.9959651
			274 15 41.12	94 24 32.59	John Bull	7,928.52	3.8991921
Moose		64 15 55.001	140 39 09.41	320 27 59.28	Uncle Sam	15,728.00	4.1966734
Yukon 1907	d.m.	140 53 18.042	169 51 02.81	349 48 43.92	John Bull	11,731.45	4.0693518
River		64 17 55.286	174 07 29.83	354 06 31.59	Uncle Sam	8,466.14	3.9276853
Alaska 1907	d.m.	141 04 37.004	221 57 26.07	42 05 19.13	John Bull	10,529.62	4.0224126
			292 05 50.52	112 16 02.22	Moose	9,866.02	3.9941420
Baldy		64 12 08.964	152 05 58.31	331 59 37.77	River	12,141.38	4.0842680
Yukon 1907	d.m.	140 57 34.514	206 15 03.48	26 18 54.45	Moose	7,806.98	3.8924830
Canyon		64 12 12.626	186 14 22.26	6 15 39.97	River	10,674.88	4.0283632
Alaska 1907	d.m.	141 06 03.280	236 10 30.62	56 21 59.78	Moose	12,402.05	4.0934934
			270 52 58.19	91 00 36.25	Baldy	6,866.24	3.8367188
Gold		64 05 26.037	139 49 32.10	319 37 42.10	Canyon	16,502.53	4.2175506
Yukon 1907	d.m.	140 52 54.318	163 08 41.16	343 04 29.01	Baldy	13,040.09	4.1152807
Baby		64 06 33.739	193 05 40.33	13 08 23.16	Canyon	10,775.62	4.0324422
Alaska 1907	d.m.	141 09 04.201	221 50 18.50	42 00 39.21	Baldy	13,952.56	4.1446538
			278 56 48.24	99 11 20.70	Gold	13,302.46	4.1239321
Ptarmigan		64 02 38.456	150 08 34.25	330 01 34.55	Baby	12,693.29	4.1035742
Alaska 1907	d.m.	141 01 17.478	217 24 38.80	37 32 11.23	Gold	11,221.20	4.0500395

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Bedrock		63	58	07.376	152	41	1[illegible].06	332	38	30.22	Ptarmigan	5,266.58	3.7215285
Yukon 1907	d.m.	140	58	19.621	197	58	19.90	18	03	12.35	Gold	14,284.58	4.1548522
Witherspoon		63	57	44.352	189	20	18.31	9	23	17.34	Baby	16,614.85	4.2204964
Alaska 1907	d.m.	141	12	23.323	227	50	52.59	48	08	23.52	Gold	21,363.84	4.3296794
					239	08	49.26	59	18	47.65	Ptarmigan	10,538.51	4.0227791
					266	20	29.96	86	33	08.05	Bedrock	11,504.44	4.0608653
Crag		63	50	57.190	137	06	51.41	316	53	57.39	Witherspoon	17,237.75	4.2364805
Yukon 1908	d.m.	140	58	01.449	178	56	11.70	358	55	55.38	Bedrock	13,323.58	4.1246208
Divide		63	48	55.940	171	48	16.86	351	45	41.39	Witherspoon	16,532.67	4.2183429
Alaska 1907; r. 1908	d.m.	141	09	30.177	208	06	00.57	28	16	02.71	Bedrock	19,372.78	4.2871919
					248	10	41.03	68	20	59.17	Crag	10,138.56	4.0059762
Sixtymile River, East Base		63	54	45.427	26	32	47.95	206	26	53.34	Divide	12,092.55	4.0825179
Alaska 1907	d.m.	141	02	55.177	330	23	48.38	150	28	12.12	Crag	8,125.76	3.9098642
Sixtymile River, West Base		63	54	35.849	15	13	53.84	195	10	45.82	Divide	10,907.55	4.0377271
Alaska 1907	d.m.	141	06	00.734	263	17	27.63	83	20	14.28	Sixtymile River, East Base	2,547.534	3.4061200
					315	55	20.82	136	02	31.16	Crag	9,415.69	3.9738521
Odell		63	46	29.857	111	03	19.10	290	50	24.78	Divide	12,652.82	4.1021872
Yukon 1908	d.m.	140	55	07.155	163	56	58.59	343	54	22.19	Crag	8,614.96	3.9352533
Fred		63	45	50.464	176	32	23.93	356	32	01.16	Divide	5,753.92	3.7599639
Alaska 1908	d.m.	141	09	04.796	223	37	29.80	43	47	25.03	Crag	13,139.25	4.1185705
					263	49	48.57	84	02	19.95	Odell	11,544.13	4.0623612
Interior		63	43	03.480	129	55	15.04	309	48	30.26	Fred	8,067.04	3.9067143
Alaska 1908	d.m.	141	01	33.438	219	36	45.37	39	42	31.80	Odell	8,301.22	3.9191422
Ladue		63	40	47.556	114	26	08.03	294	16	01.22	Interior	10,207.66	4.0089263
Yukon 1908	d.m.	140	59	16.559	121	20	24.04	301	03	32.40	Fred	18,106.80	4.2578418
					159	24	56.51	339	20	35.93	Odell	11,325.08	4.0540413
Round		63	40	27.403	184	54	11.72	4	55	07.86	Fred	10,040.71	4.0017645
Alaska 1908	n.d.	141	10	07.406	235	32	57.67	55	40	38.42	Interior	8,557.51	3.9323473
					267	40	07.54	87	57	54.91	Ladue	16,385.26	4.2144534
Ridge		63	35	56.806	119	29	02.88	299	12	53.21	Round	17,095.25	4.2328754
Yukon 1908	d.m.	140	52	05.184	189	25	03.84	9	26	41.17	Ladue	9,126.50	3.9603045
Timber		63	36	06.742	175	52	19.05	355	51	41.09	Round	8,092.37	3.9080758
Alaska 1908	d.m.	141	09	25.043	241	02	53.02	61	20	02.10	Ladue	18,044.37	4.2563417
					271	06	00.53	91	21	31.95	Ridge	14,339.23	4.1565260

International boundary line 141st Meridian Main Scheme *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Point		63 28 44.574	126 09 57.26	305 49 35.94	Timber	23,295.52	4.3672724
Yukon 1908	d.m.	140 46 [illegible].822	161 31 40.19	341 26 49.81	Ridge	14,114.27	4.1496585
Summit		63 28 44.530	175 20 27.31	355 19 14.84	Timber	13,738.57	4.1379416
Alaska 1908	d.m.	141 08 04.094	224 35 11.24	44 49 29.70	Ridge	18,833.13	4.2749224
			269 50 09.99	90 09 18.23	Point	17,767.14	4.2496176
Fra-wa-pe		63 18 48.330	136 06 16.90	315 47 06.72	Summit	25,687.25	4.4097177
Yukon 1908	d.m.	140 46 37.718	179 51 59.91	359 51 57.14	Point	18,462.21	4.2662838
Oh-ti		63 18 36.847	173 19 04.89	353 16 42.53	Summit	18,945.83	4.2775135
Alaska 1908	d.m.	141 05 24.869	219 32 05.16	39 48 50.19	Point	24,448.53	4.3882527
			268 33 44.75	88 50 31.82	Fra-wa-pe	15,700.72	4.1959195
Brown		63 11 40.186	148 47 59.72	328 39 38.35	Oh-ti	15,093.88	4.1788008
Yukon 1908	d.m.	140 56 03.428	210 42 06.79	30 50 31.97	Fra-wa-pe	15,429.08	4.1883401
Bump		63 14 09.093	210 09 50.88	30 15 00.02	Oh-ti	9,593.24	3.9819653
Alaska 1908	d.m.	141 11 10.994	246 59 32.14	67 21 28.03	Fra-wa-pe	22,288.58	4.3480825
			289 52 04.51	110 05 34.70	Brown	13,493.25	4.1301167
Missou		63 08 40.915	133 32 19.84	313 20 55.10	Bump	14,777.22	4.1695928
Yukon 1908	d.m.	140 58 23.796	199 28 15.92	19 30 21.17	Brown	5,888.15	3.7699787
Moosehorn		63 04 05.262	147 02 11.32	326 49 15.61	Bump	22,310.93	4.3485176
Yukon 1908	d.m.	140 56 41.569	170 28 36.77	350 27 05.60	Missou	8,654.56	3.9372449
			182 10 05.62	2 10 39.64	Brown	14,095.92	4.1490933
Flat		63 03 48.190	183 11 28.23	3 12 36.72	Bump	19,255.08	4.2845453
Alaska 1908	d.m.	141 12 27.762	232 27 20.86	52 39 53.54	Missou	14,909.01	4.1734487
			267 36 17.70	87 50 21.26	Moosehorn	13,299.48	4.1238348
Wienerwurst		62 54 47.881	141 32 24.92	321 18 20.71	Flat	21,399.06	4.3303948
Yukon 1908	d.m.	140 56 40.186	179 56 07.93	359 56 06.70	Moosehorn	17,257.83	4.2369863
Sauerkraut		62 58 17.393	187 12 11.60	7 13 33.73	Flat	10,324.02	4.0138488
Alaska 1908	d.m.	141 13 59.926	233 27 57.94	53 43 23.29	Moosehorn	18,148.21	4.2588337
			293 44 01.45	113 59 27.39	Wienerwurst	16,035.26	4.2050759
Tanana		62 47 55.756	180 29 09.33	0 29 19.64	Sauerkraut	19,247.70	4.2843789
Alaska 1908; r. 1943	d.m.	141 14 11.511	229 14 24.26	49 29 59.80	Wienerwurst	19,595.51	4.2921565
			347 48 30.21	167 51 11.00	Mirror 2 (USC&GS)	12,182.95	4.0857525
Scottie		62 48 22.034	85 47 51.27	265 36 31.64	Tanana	10,859.06	4.0357920
Alaska 1908	d.m.	141 01 27.398	150 06 53.83	329 55 43.99	Sauerkraut	21,280.33	4.3279784
			198 44 40.62	18 48 56.21	Wienerwurst	12,618.26	4.1009994

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Starvation		62 43 53.800	120 57 36.05	300 44 30.17	Tanana	14,608.40	4.1646028
Yukon 1908; r. 1943	d.m.	140 59 27.647	168 27 11.02	348 25 24.54	Scottie	8,476.88	3.9282361
Mirror		62 41 31.217	25 31	205 31	Mirror 2 (USC&GS)	3.749	0.573915
Alaska 1909; r. 1943	d.m.	141 11 10.525	167 50 32.32	347 47 51.43	Tanana	12,179.98	4.0856465
			212 59 12.97	33 07 51.38	Scottie	15,176.28	4.1811653
			246 04 32.95	66 14 57.61	Starvation	10,923.15	4.0383480
Airs		62 34 44.278	161 15 01.49	341 10 34.41	Mirror	13,307.13	4.1241169
Alaska 1909; r. 1943	d.m.	141 06 09.799	164 26 08.77	344 19 00.75	Tanana	25,445.07	4.4056037
			198 33 20.50	18 39 17.71	Starvation	17,951.82	4.2541085
			300 16 17.24	120 33 27.08	Johnson (USC&GS)	19,245.42	4.2843274
			340 53 49.25	161 00 56.80	Snuce (USC&GS)	21,159.41	4.3255036
Dave		62 33 22.520	101 42 31.36	281 29 45.31	Airs	12,585.88	4.0998837
Yukon 1909; r. 1943	d.m.	140 51 46.693	132 30 14.54	312 13 01.04	Mirror	22,455.43	4.3513214
			161 29 00.71	341 22 11.30	Starvation	20,618.77	4.3142628
			329 24 49.47	149 29 13.46	Johnson (USC&GS)	8,374.25	3.9229460
			356 35 28.62	176 36 09.78	Beaver Creek Astro (USC&GS)	11,188.83	4.0487847
Wellesley		62 25 45.971	188 51 07.15	8 53 48.41	Airs	16,867.98	4.2270630
Alaska 1909	d.m.	141 09 11.586	226 30 05.04	46 45 31.81	Dave	20,583.44	4.3135180
Snag		62 24 18.187	98 46 45.83	278 28 19.72	Wellesley	18,120.70	4.2581750
Yukon 1909	d.m.	140 48 23.641	141 54 18.97	321 38 33.35	Airs	24,674.58	4.3922498
			170 13 54.37	350 10 54.29	Dave	17,101.76	4.2330409
Niggerhead		62 13 36.826	74 41	254 41	Nigger (USC&GS)	2.577	0.411114
Yukon 1909; r. 1943	d.m.	140 50 01.147	143 52 10.75	323 35 11.89	Wellesley	27,999.52	4.4471505
			184 02 02.98	4 03 29.32	Snag	19,905.68	4.2989770
Baultoff		62 10 42.380	180 51 11.63	0 51 37.33	Wellesley	27,977.58	4.4468102
Alaska 1909	d.m.	141 09 40.618	215 55 51.15	36 14 41.69	Snag	31,253.73	4.4949018
			252 16 59.17	72 34 22.53	Niggerhead	17,888.51	4.2525742
Ed		62 05 32.236	122 32 47.52	302 17 25.16	Baultoff	17,910.07	4.2530972
Yukon 1909	d.m.	140 52 17.290	187 28 08.51	7 30 08.89	Niggerhead	15,131.17	4.1798726
Joe		62 03 29.886	185 04 12.02	5 05 24.58	Baultoff	13,442.11	4.1284675
Alaska 1909	d.m.	141 11 02.710	224 03 08.52	44 21 43.88	Niggerhead	26,212.72	4.4185121
			256 48 41.33	77 05 15.71	Ed	16,774.01	4.2246369
Beaver		62 03 26.055	90 42 49.24	270 31 44.23	Joe	10,936.83	4.0388914
Yukon 1909	d.m.	140 58 29.948	234 07 40.28	54 13 09.54	Ed	6,673.68	3.8243657

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Hump		61 59 09.570	114 31 49.75	294 13 52.11	Joe	19,522.54	4.2905363
Yukon 1909	d.m.	140 50 40.193	139 20 41.73	319 13 46.88	Beaver	10,475.39	4.0201702
			173 13 02.13	353 11 36.37	Ed	11,930.36	4.0766534
Wi-Ki		61 56 19.244	185 47 35.26	5 48 57.47	Joe	13,400.44	4.1271189
Alaska 1909	d.m.	141 12 35.814	222 52 35.84	43 05 02.69	Beaver	18,060.87	4.2567386
			254 27 42.92	74 47 04.14	Hump	19,885.17	4.2985292
Rabbit		61 51 08.138	126 30 15.77	306 17 06.67	Wi-Ki	16,231.69	4.2103638
Yukon 1909	d.m.	140 57 41.242	178 13 32.79	358 12 49.80	Beaver	22,855.19	4.3589848
			202 21 17.12	22 27 28.60	Hump	16,120.98	4.2073914
Sheep		61 51 21.939	145 35 18.33	325 28 56.77	Wi-Ki	11,163.17	4.0477875
Alaska 1909	d.m.	141 05 23.265	221 34 00.86	41 46 59.99	Hump	19,381.58	4.2873893
			273 33 40.94	93 40 28.33	Rabbit	6,770.66	3.8306311
Slide		61 50 21.245	121 13 22.44	301 10 15.42	Sheep	3,627.41	3.5595964
Alaska 1909	n.d.	141 01 51.152	248 18 46.27	68 22 26.61	Rabbit	3,933.64	3.5947945
Center		61 48 33.968	148 22 04.67	328 20 01.41	Slide	3,901.18	3.5911955
Yukon 1909	d.m.	140 59 31.323	198 38 25.26	18 40 02.30	Rabbit	5,037.28	3.7021958
Cache		61 47 14.074	170 57 34.65	350 56 21.06	Sheep	7,770.00	3.8904209
Alaska 1909	d.m.	141 03 59.782	197 59 37.99	18 01 31.37	Slide	6,092.76	3.7848142
			237 48 21.79	57 52 18.38	Center	4,646.36	3.6671125
Flat Top		61 47 07.212	92 00 26.96	271 54 12.90	Cache	6,225.60	3.7941813
Yukon 1909	d.m.	140 56 55.291	139 36 46.36	319 34 28.85	Center	3,527.01	3.5474066
			174 51 03.23	354 50 22.72	Rabbit	7,488.65	3.8744036
White River, East Base		61 44 20.713	139 15 49.11	319 11 11.12	Cache	7,086.80	3.8504501
Yukon 1909	d.m.	140 58 44.255	197 12 56.97	17 14 32.96	Flat Top	5,396.40	3.7321042
White River, West Base		61 44 08.740	158 02 54.21	338 00 35.19	Cache	6,186.64	3.7914551
Alaska 1909	d.m.	141 01 21.994	215 16 17.98	35 20 12.93	Flat Top	6,769.91	3.8305832
			260 53 15.06	80 55 33.99	White River, East Base	2,345.201	3.3701801
Kletsan		61 42 41.829	135 10 44.40	315 08 03.96	White River, West Base	3,794.53	3.5791576
Yukon 1909	d.m.	140 58 19.810	149 25 00.49	329 20 01.01	Cache	9,793.82	3.9909521
			173 18 49.85	353 18 28.33	White River, East Base	3,082.08	3.4888443
			188 34 31.21	8 35 45.66	Flat Top	8,308.46	3.9195207
Traver		61 42 13.654	200 04 21.28	20 07 45.54	Cache	9,903.21	3.9557761
Alaska 1909	d.m.	141 07 51.676	226 35 29.80	46 45 07.97	Flat Top	13,243.77	4.1220115
			238 03 15.72	58 08 58.89	White River, West Base	6,742.25	3.8288050
			243 51 59.26	64 00 01.35	White River, East Base	8,951.21	3.9518816
			264 00 16.47	84 08 40.02	Kletsan	8,448.66	3.9267877

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International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Scoria		61 37 57.737	125 27 44.54	305 16 36.90	Traver	13,686.22	4.1362835
Yukon 1909	d.m.	140 55 13.183	162 41 04.26	342 38 19.98	Kletsan	9,213.09	3.9644055
Cub		61 37 19.840	198 22 04.56	18 25 05.45	Traver	9,585.07	3.9815951
Alaska 1909	d.m.	141 11 17.193	228 50 10.35	49 01 34.60	Kletsan	15,172.20	4.1810484
			265 09 37.28	85 23 45.49	Scoria	14,251.18	4.1538509
Dalton		61 35 39.954	155 50 37.17	335 45 09.74	Traver	13,361.89	4.1258680
Alaska 1909; r. 1913	d.m.	141 01 39.618	174 32 19.49	354 30 16.09	Cache	21,586.07	4.3341737
			192 40 05.38	12 43 01.23	Kletsan	13,386.81	4.1266772
			233 07 34.40	53 13 14.37	Scoria	7,115.86	3.8522276
Jenerk		61 38 10.753	74 01 39.04	253 45 34.06	Dalton	16,826.72	4.2259996
Yukon 1913	d.m.	140 43 22.769	122 33 42.67	302 20 33.04	Kletsan	15,638.43	4.1941932
Harris		61 44 34.021	43 32 18.48	223 16 42.90	Dalton	22,757.49	4.3571243
Yukon 1913	d.n.m.	140 43 56.726	74 46 55.52	254 34 15.40	Kletsan	13,142.14	4.1186660
			357 35 09.94	177 35 39.83	Jenerk	11,875.09	4.0746369
Lambart, Mt.		61 31 18.841	160 40 18.04	340 37 28.99	Dalton	8,566.97	3.9328273
Yukon 1909; r. 1913	d.n.m.	140 58 27.364	226 12 00.89	46 25 16.46	Jenerk	18,459.83	4.2662278
Klutlan		61 30 23.223	98 42 47.58	278 31 32.46	Lambart, Mt.	11,487.84	4.0602383
Yukon 1913	d.n.m.	140 45 39.245	124 46 13.99	304 32 09.60	Dalton	17,243.18	4.2366173
			187 54 25.07	7 56 25.09	Jenerk	14,612.30	4.1647187
Crag		61 25 19.834	174 09 33.08	354 08 25.52	Lambart, Mt.	11,171.39	4.0481072
Yukon 1913	d.n.m.	140 57 10.462	227 22 58.97	47 33 06.22	Klutlan	13,892.55	4.1427819
Bo		61 24 47.435	97 31 43.23	277 24 10.14	Crag	7,718.66	3.8875419
Yukon 1913	d.n.m.	140 48 34.492	144 08 37.05	323 59 56.19	Lambart, Mt.	14,962.82	4.1750135
			194 00 02.65	14 02 36.60	Klutlan	10,713.67	4.0299381
Ping Pong		61 43 53.495	285 48 44.79	105 59 35.09	Traver	11,279.76	4.0522998
Alaska 1909	d.m.	141 20 10.134	312 56 10.79	133 12 28.23	Dalton	22,371.87	4.3497023
			327 10 53.87	147 18 43.01	Cub	14,489.88	4.1610649
Holmes		61 38 32.003	199 26 14.78	19 29 45.39	Ping Pong	10,555.64	4.0234845
Alaska 1909	d.m.	141 24 09.359	244 22 36.67	64 36 57.28	Traver	15,935.90	4.2023767
			281 01 00.09	101 12 19.53	Cub	11,591.91	4.0641552
Burnt Hill		61 46 08.203	297 08 21.01	117 16 27.95	Ping Pong	9,120.94	3.9600396
Alaska 1909	d.m.	141 29 22.911	341 53 27.05	161 58 03.14	Holmes	14,855.10	4.1718756
Black Eagle		61 41 10.130	196 02 06.77	16 04 46.05	Burnt Hill	9,601.95	3.9823595
Alaska 1909	d.m.	141 32 23.763	244 46 41.21	64 57 27.21	Ping Pong	11,907.48	4.0758199
			303 52 21.94	123 59 37.11	Holmes	8,768.89	3.9429445

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Solo		61 47 23.286	282 04 30.18	102 15 18.21	Burnt Hill	11,029.89	4.0425711
Alaska 1909	d.m.	141 41 38.357	324 45 20.17	144 53 28.65	Black Eagle	14,132.51	4.1502193
Bend		61 42 00.636	190 50 54.80	10 52 49.85	Solo	10,170.46	4.0073408
Alaska 1909	d.m.	141 43 48.968	238 48 58.00	59 01 40.80	Burnt Hill	14,846.53	4.1716250
			278 44 18.02	98 54 21.29	Black Eagle	10,194.37	4.0083602
Lime		61 47 33.441	271 51 21.98	92 00 41.86	Solo	9,316.25	3.9692411
Alaska 1909	d.m.	141 52 13.693	324 13 18.96	144 20 43.56	Bend	12,689.15	4.1034327
End		61 43 27.312	167 08 02.38	347 06 17.75	Lime	7,816.03	3.8929863
Alaska 1909	d.m.	141 50 14.930	225 59 27.79	46 07 02.86	Solo	10,526.24	4.0222732
			295 16 27.43	115 22 07.30	Bend	6,273.59	3.7975160
Russell		61 41 32.366	201 48 01.46	21 49 26.80	End	3,832.75	3.5835101
Alaska 1912	d.m.	141 51 51.844	219 34 58.05	39 43 58.42	Solo	14,110.58	4.1495450
			262 54 45.18	83 01 50.33	Bend	7,152.19	3.8544388
Skolai		61 36 39.600	177 26 15.93	357 25 51.65	Russell	9,072.03	3.9577044
Alaska 1909	d.m.	141 51 24.259	184 36 44.58	4 37 45.61	End	12,662.44	4.1025173
			203 18 05.80	23 26 41.68	Solo	21,707.56	4.3366110
			213 56 17.08	34 02 57.79	Bend	11,986.60	4.0786962
Ice		61 37 09.991	215 41 53.64	35 47 43.21	Russell	10,007.50	4.0003257
Alaska 1912	n.d.	141 58 29.032	278 29 37.81	98 35 51.52	Skolai	6,330.96	3.8014699
Glacier		61 39 55.837	250 09 11.19	70 17 28.55	Russell	8,831.05	3.9460125
Alaska 1912	d.m.	142 01 16.829	334 16 41.20	154 19 08.86	Ice	5,697.65	3.7556958
Pass		61 36 35.485	182 43 59.62	2 44 17.33	Glacier	6,209.19	3.7930350
Alaska 1912	d.m.	142 01 36.950	223 04 26.30	43 13 01.24	Russell	12,596.02	4.1002334
			248 53 16.83	68 56 02.16	Ice	2,968.59	3.4725498
			269 07 01.70	89 16 00.71	Skolai	9,032.68	3.9558164
Gofer		61 38 53.742	255 19 05.17	75 26 25.77	Glacier	7,615.20	3.8816815
Alaska 1912	d.m.	142 09 37.445	301 05 55.46	121 12 58.24	Pass	8,272.05	3.9176130
Frederika		61 43 05.193	5 02 41.38	185 02 00.29	Gofer	7,814.22	3.8928856
Alaska 1912	d.m.	142 08 50.774	311 14 12.91	131 20 52.56	Glacier	8,882.81	3.9485506
Coal		61 41 39.291	244 36 11.83	64 41 48.14	Frederika	6,210.98	3.7931599
Alaska 1912	d.m.	142 15 12.718	316 03 13.27	136 08 08.38	Gofer	7,112.98	3.8520514
Fulcrum		61 39 30.043	234 05 03.75	54 10 34.89	Coal	6,828.42	3.8343202
Alaska 1912	d.m.	142 21 28.890	239 03 01.05	59 14 08.48	Frederika	12,985.57	4.1134612
			276 02 14.47	96 12 40.60	Gofer	10,533.14	4.0225579

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International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Rohn		61	44	06.670	2	40	21.35	182	39	57.44	Fulcrum	8,572.71	3.9331180
Alaska 1912	d.m.	142	21	01.731	279	57	50.03	100	08	33.78	Frederika	10,902.15	4.0375122
					311	37	08.62	131	42	15.96	Coal	6,863.43	3.8365411
Goat		61	42	36.449	249	56	49.16	70	04	29.53	Rohn	8,170.28	3.9122369
Alaska 1912	d.m.	142	29	44.484	308	18	35.39	128	25	51.69	Fulcrum	9,296.06	3.9682988
Sentinel		61	38	57.362	196	26	36.35	16	28	36.28	Goat	7,071.97	3.8495405
Alaska 1912	d.m.	142	32	00.723	225	15	26.18	45	25	06.36	Rohn	13,621.75	4.1342330
					263	42	54.09	83	52	10.16	Fulcrum	9,355.77	3.9710795
Foothill		61	38	09.218	98	49	19.36	278	39	40.14	Sentinel	9,806.45	3.9915117
Alaska 1912	d.m.	142	21	02.525	171	11	02.56	351	10	39.35	Fulcrum	2,531.98	3.4034603
Nizina		61	36	47.285	210	50	02.48	30	52	26.16	Sentinel	4,690.51	3.6712196
Alaska 1912	d.m.	142	34	44.017	246	37	30.68	66	49	10.34	Fulcrum	12,749.30	4.1054864
					258	03	54.37	78	15	57.16	Foothill	12,367.11	4.0922683
Chitistone		61	29	32.781	158	06	34.25	338	01	11.77	Nizina	14,500.12	4.1613715
Alaska 1912	d.m.	142	28	37.248	202	43	22.65	22	50	02.51	Foothill	17,339.02	4.2390244
Nikolai		61	30	37.004	198	50	15.86	18	54	09.20	Nizina	12,113.40	4.0832660
Alaska 1912	d.m.	142	39	09.371	228	45	22.06	49	01	17.86	Foothill	21,290.00	4.3281756
					281	55	31.52	102	04	47.05	Chitistone	9,559.98	3.9804568
Boulder		61	24	59.478	144	15	55.41	324	08	28.50	Nikolai	12,881.58	4.1099691
Alaska 1912	d.m.	142	30	40.656	192	10	46.41	12	12	34.82	Chitistone	8,655.48	3.9372910
East Sourdough		61	24	50.751	185	57	29.76	5	58	36.21	Nikolai	10,776.79	4.0324893
Alaska 1912	d.m.	142	40	25.014	230	08	03.36	50	18	25.08	Chitistone	13,644.69	4.1349635
					268	08	36.89	88	17	10.02	Boulder	8,672.47	3.9381429
Nizina River, N.E.Base		61	23	49.468	116	58	35.28	296	54	54.46	East Sourdough	4,186.35	3.6218359
Alaska 1913	d.m.	142	36	13.514	246	16	02.92	66	20	55.19	Boulder	5,393.47	3.7318683
Nizina River,S.W.Base		61	23	26.990	153	47	03.27	333	45	47.70	East Sourdough	2,890.38	3.4609547
Alaska 1913	d.m.	142	38	58.942	248	46	23.52	68	53	41.02	Boulder	7,929.15	3.8992265
					254	09	34.97	74	12	00.20	Nizina River,N.E.Base	2,552.272	3.4069270
Williams		61	21	06.590	122	26	13.32	302	19	28.36	Nizina River,S.W.Base	8,115.24	3.9093012
Alaska 1912	d.m.	142	31	17.580	130	33	03.40	310	25	02.84	East Sourdough	10,687.74	4.0288859
					138	57	13.24	318	52	53.47	Nizina River,N.E.Base	6,688.90	3.8253546
					184	20	40.73	4	21	13.14	Boulder	7,229.88	3.8591310

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International boundary line 141st Meridian Main Scheme *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Young Creek		61 21 47.714	206 31 53.18	26 34 40.62	East Sourdough	6,334.11	3.8016857
Alaska 1912	d.m.	142 43 35.745	233 11 15.55	53 15 18.52	Nizina River,S.W.Base	5,132.72	3.7103472
			276 31 44.82	96 42 32.65	Williams	11,043.64	4.0431121
May Creek		61 19 13.144	158 50 01.44	338 48 12.02	Young Creek	5,131.35	3.7102320
Alaska 1912	d.m.	142 41 31.048	248 52 20.59	69 01 18.88	Williams	9,775.66	3.9901459
Rex		61 18 14.188	99 51 20.20	279 40 55.41	May Creek	10,755.76	4.0316412
Alaska 1912	d.m.	142 29 38.826	118 04 15.91	297 52 01.58	Young Creek	14,093.19	4.1490094
			164 37 18.54	344 35 51.90	Williams	5,535.16	3.7431301
Chititu		61 16 05.490	32 03 05.28	211 58 53.49	Tana (USC&GS)	8,082.33	3.9075364
Alaska 1912; r. 1953	d.m.	142 37 11.232	87 38 42.74	267 29 50.67	Young (USC&GS)	9,051.94	3.9567415
			104 24 21.28	284 08 53.84	Tough (USC&GS)	16,253.16	4.2109377
			146 21 56.30	326 18 08.42	May Creek	6,979.29	3.8438111
			146 49 05.89	326 39 58.07	Sour (USC&GS)	16,933.41	4.2287444
			155 42 08.62	335 38 33.33	May (USC&GS)	8,868.87	3.9478682
			206 56 59.67	27 00 20.45	Will (USC&GS)	7,513.16	3.8758227
			239 21 14.25	59 27 51.02	Rex	7,828.12	3.8936576
Calamity		61 16 34.547	84 50 30.92	264 40 53.59	Chititu	9,851.81	3.9935161
Alaska 1912	d.m.	142 26 12.870	109 51 54.60	289 38 29.24	May Creek	14,525.76	4.1621387
			135 11 00.07	315 07 59.43	Rex	4,349.90	3.6384790
Bulb		61 11 03.772	106 45 52.58	286 37 46.32	Tana (USC&GS)	8,654.33	3.9372334
Alaska 1912; r. 1953	d.m.	142 32 43.539	124 33 54.88	304 21 08.39	Young (USC&GS)	15,828.29	4.1994340
			156 52 26.77	336 48 32.13	Chititu	10,157.98	4.0068075
			209 36 24.42	29 42 06.87	Calamity	11,782.05	4.0712207
Patty		61 11 15.120	85 22 36.63	265 18 23.85	Bulb	4,325.14	3.6360000
Alaska 1912; r. 1953	d.m.	142 27 55.043	137 20 52.56	317 12 45.03	Chititu	12,234.16	4.0875741
			188 45 08.96	8 46 38.52	Calamity	10,004.49	4.0001948
Eaton		61 10 18.698	100 35 03.0	280 27 42.6	Bulb	7,639.6	3.883070
Alaska 1912	d.m.	142 24 20.996	118 39 28.7	298 36 21.2	Patty	3,644.7	3.561663
			171 50 48.0	351 49 09.9	Calamity	11,753.3	4.070161
Brigham		61 14 11.579	49 10 00.9	229 01 52.6	Eaton	11,009.7	4.041776
Alaska 1912	d.m.	142 15 03.765	114 00 16.8	293 50 30.1	Calamity	10,913.3	4.037958
Head		61 10 07.144	92 58 50.3	272 52 00.0	Eaton	7,011.5	3.845814
Alaska 1912	d.m.	142 16 32.604	144 14 00.0	324 05 31.4	Calamity	14,792.2	4.170032
			189 56 06.3	9 57 24.2	Brigham	7,681.7	3.885459
Bar		61 06 13.823	149 33 53.0	329 29 32.0	Eaton	8,794.5	3.944211
Alaska 1912	d.m.	142 19 22.987	199 25 33.8	19 28 03.0	Head	7,659.1	3.884179

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Delta		61	06	09.034	92	25	44.7	272	22	18.1	Bar	3,539.0	3.548880
Alaska 1912	d.m.	142	15	26.973	134	06	11.0	313	58	23.3	Eaton	11,117.3	4.045999
					172	25	00.7	352	24	03.2	Head	7,435.6	3.871314
Streak		61	10	25.769	45	02	48.8	224	55	04.1	Delta	11.235.2	4.050581
Alaska 1912	d.m.	142	06	36.269	86	22	20.4	266	13	38.0	Head	8,933.5	3.951022
Gibraltar		61	06	24.117	86	44	11.5	266	36	22.4	Delta	8,041.1	3.905317
Alaska 1912	d.m.	142	06	31.123	127	33	33.0	307	24	46.3	Head	11,343.9	4.054761
					179	24	38.6	359	24	34.1	Streak	7,480.4	3.873927
Delay		61	09	55.766	41	25	47.2	221	20	09.4	Gibraltar	8,731.5	3.941090
Alaska 1912	d.m.	142	00	05.431	91	29	13.1	271	14	48.3	Head (computed)	14,763.9	4.169200
					99	04	42.8	278	59	00.4	Streak	5,916.5	3.772062
Island		61	05	30.834	106	05	49.2	286	00	14.2	Gibraltar	5,965.3	3.775631
Alaska 1912	d.m.	142	00	08.519	120	15	35.1	300	01	13.3	Head (computed)	17,033.5	4.231305
					147	36	08.0	327	30	28.4	Streak	10,818.0	4.034145
					180	19	21.3	0	19	24.0	Delay	8,200.8	3.913855
Finis		61	08	34.450	35	40	31.1	215	36	32.8	Island	6,993.7	3.844707
Alaska 1912	d.m.	141	55	36.372	98	50	06.7	278	31	46.3	Head (computed)	19,007.0	4.278913
					122	03	22.5	301	59	26.8	Delay	4,746.8	3.676398
Terminus		61	04	16.394	112	10	49.7	292	05	18.9	Island	6.115.5	3.786433
Alaska 1912	d.m.	141	53	50.661	151	55	59.5	331	50	31.3	Delay	11,909.9	4.075909
					168	47	58.8	348	46	26.2	Finis	8,143.3	3.910798
Nibs		61	05	14.477	78	06	49.1	257	58	33.4	Terminus	8,679.3	3.938484
Alaska 1913	d.m.	141	44	24.326	121	40	26.6	301	30	38.1	Finis	11,815.7	4.072459
Chop		61	00	42.916	126	36	55.5	306	28	15.9	Terminus	11,097.6	4.045229
Alaska 1913	d.m.	141	43	56.694	144	22	39.8	324	12	27.4	Finis	17,974.7	4.254662
					177	10	44.9	357	10	20.8	Nibs	8,416.0	3.925104
Only		61	03	08.605	41	38	37.6	221	34	44.2	Chop	6,031.5	3.780426
Alaska 1913	d.m.	141	39	29.941	131	27	49.4	311	23	31.8	Nibs	5,888.4	3.769994
Don		60	59	01.137	136	09	06.3	316	06	10.1	Chop	4,370.2	3.640501
Alaska 1913	d.m.	141	40	35.197	163	27	01.7	343	23	41.3	Nibs	12,057.3	4.081250
					187	17	05.4	7	18	02.5	Only	7,722.4	3.887753
Chitina River,East Base		61	01	26.420	27	47	01.5	207	44	43.7	Don	5,082.1	3.706041
Alaska 1913	d.m.	141	37	57.669	76	01	29.1	255	56	15.0	Chop	5,558.8	3.744983
					156	21	37.0	336	20	16.3	Only	3,453.0	3.538198

International boundary line 141st Meridian — Main Scheme — *State* Alaska — *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Chitina River,West Base	61 01 52.131	8 05 45.5	188 05 01.7	Don	5,346.0	3.728031
Alaska 1913 d.m.	141 39 45.132	185 30 02.2	5 30 15.5	Only	2,378.1	3.376227
		296 14 14.0	116 15 48.0	Chitina River,East Base	1,799.385	3.255124
Shelf	61 01 02.466	63 07 25.3	243 00 15.2	Don	8,290.4	3.918574
Alaska 1913 d.m.	141 32 23.456	121 25 29.9	301 19 16.8	Only	7,499.7	3.875045
Bud	60 55 38.478	121 38 34.8	301 28 41.6	Don	11,984.9	4.078636
Alaska 1913 d.m.	141 29 16.711	125 32 57.0	305 20 07.6	Chop (computed)	16,250.4	4.210863
		135 33 16.2	315 10 14.2	Finis (computed)	33,754.8	4.528336
		146 34 47.8	326 25 51.5	Only	16,707.3	4.222906
		164 22 24.1	344 19 40.8	Shelf	10,414.5	4.017638
Eck	60 57 33.945	59 30 53.4	239 25 01.6	Bud	7,034.8	3.847253
Alaska 1913 d.m.	141 22 34.293	126 08 55.1	306 00 19.8	Shelf	10,960.6	4.039833
Fritz	60 53 39.368	113 56 56.6	293 48 53.8	Bud	9,106.4	3.959348
Alaska 1913 d.m.	141 20 04.268	141 02 26.9	320 51 40.6	Shelf	17,660.4	4.247000
		162 43 40.9	342 41 29.8	Eck	7,604.5	3.881068
Walsh	60 56 47.005	11 59 30.0	191 58 18.5	Fritz	5,937.2	3.773584
Alaska 1913 d.m.	141 18 42.468	112 38 00.0	292 34 37.3	Eck	3,780.0	3.577491
Penn	60 51 34.628	122 59 15.7	302 53 30.7	Fritz	7,100.7	3.851299
Alaska 1913 d.m.	141 13 29.321	143 37 01.3	323 29 05.1	Eck	13,826.5	4.140713
		154 00 46.6	333 56 13.0	Walsh	10,759.9	4.031810
Point	60 54 20.779	27 10 29.7	207 07 56.9	Penn	5,779.8	3.761915
Alaska 1913 d.m.	141 10 34.469	81 35 00.5	261 26 42.6	Fritz	8,686.3	3.938836
		121 40 38.3	301 33 31.8	Walsh	8,633.4	3.936182
Dane	60 53 53.316	59 01 32.9	238 54 39.7	Penn	8,327.2	3.920497
Alaska 1913 d.m.	141 05 36.391	100 44 50.3	280 40 29.8	Point	4,573.7	3.660272
Boundary A	60 49 27.724	108 07 33.4	287 55 55.7	Penn	12,691.4	4.103510
Alaska 1913 d.m.	141 00 10.365	133 59 34.0	313 50 28.9	Point	13,077.5	4.116526
		149 07 51.6	329 03 06.9	Dane	9,581.4	3.981429
Senator	60 53 01.403	2 23 37.4	182 23 21.4	Boundary A	6,619.7	3.820836
Yukon 1913 d.m.	140 59 52.072	77 48 47.4	257 36 53.5	Penn	12,622.2	4.101136
		107 14 06.2	287 09 05.4	Dane	5,435.9	3.735273
Blondie	60 53 13.401	75 12 08.7	255 01 03.1	Penn	11,897.6	4.075460
Alaska 1913 d.m.	141 00 47.366	105 51 35.7	285 47 23.2	Dane	4,530.6	3.656151
		293 59 38.0	114 00 26.3	Senator	913.0	2.960482
		355 25 22.7	175 25 55.0	Boundary A	7,007.6	3.845567

241 d.m
7 n.d
3 d
5 d.n.m
256

INTERNATIONAL BOUNDARY COMMISSION—UNITED STATES, ALASKA, AND CANADA
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International boundary line 141st Meridian — Auxilliary Stations — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Polar							
Alaska, 1912	d.m.	69 39 39.927	115 20 12.3	295 13 48.9	Demarcation	4,872.2	3.687727
		141 03 43.140	289 47 29.8	110 00 18.0	Ocean	9,399.4	3.973098
			337 01 47.4	157 06 38.8	Tundra	8,611.8	3.935095
Ice							
Yukon, 1912	d.m.	69 35 55.588	43 58 16.4	223 39 42.2	Bug	18,622.3	4.270034
		140 30 35.024	106 42 20.8	286 24 05.2	Ocean	13,172.3	4.119663
Hot							
Yukon, 1912	n.d.	69 28 22.453	92 46 26.5	272 27 26.0	Bug	13,256.2	4.122420
		140 30 06.395	144 03 40.0	323 44 58.0	Ocean	22,022.4	4.342865
			178 44 14.1	358 43 47.3	Ice	14,045.6	4.147540
Wreck							
Yukon, 1912	n.d.	69 35 41.282	42 50 26.3	222 32 22.6	Hot	18,500.9	4.267194
		140 10 49.644	92 08 07.4	271 49 36.4	Ice	12,824.6	4.108043
N. G.							
Yukon, 1912	n.d.	65 26 39.781	28 52 02.6	208 49 08.2	N. F.	5,125.9	3.709772
		140 56 19.704	111 32 25.0	291 26 43.7	Yellow	5,194.7	3.715563
Minnesota							
Alaska, 1907	d.m.	64 01 48.282	154 35 39.5	334 31 00.5	Baby	9,789.3	3.990752
		141 03 54.009	232 54 53.5	53 04 46.7	Gold	11,204.1	4.049377
			315 27 49.2	135 30 09.9	Ptarmigan	3,032.5	3.481800
Moss							
Alaska, 1907	d.m.	63 56 45.197	27 10 44.6	207 08 29.1	Sixtymile, West Base	4,501.8	3.653390
		141 03 29.937	104 13 25.7	284 05 26.5	Witherspoon	7,489.5	3.874453
			337 22 44.9	157 27 39.9	Crag	11,671.1	4.067113
Bagley (U.S.G.S.)							
Alaska, 1907	n.d.	63 56 29.824	251 15 59.7	71 23 30.3	Witherspoon	7,209.1	3.857879
		141 20 44.914	286 12 52.2	106 26 06.3	Sixtymile, West Base	12,556.5	4.098868
Lode							
Alaska, 1907	d.m.	63 52 57.174	180 49 30.7	0 49 39.2	Witherspoon	8,893.8	3.949088
		141 12 32.734	240 12 35.1	60 18 27.0	Sixtymile, West Base	6,159.5	3.789543
			287 13 51.6	107 26 53.8	Crag	12,466.4	4.095740
			341 30 32.9	161 33 16.7	Divide	7,875.7	3.896287
Reilly							
Alaska, 1913	n.d.	63 54 47.649	35 46 51.4	215 38 16.8	Divide	13,412.8	4.127521
		140 59 57.000	71 44 15.2	251 32 56.6	Lode	10,862.7	4.035937
			347 31 20.4	167 33 04.2	Crag	7,308.7	3.863838
Spur							
Alaska, 1907	d.m.	63 50 53.454	170 52 26.8	350 51 14.0	Sixtymile, West Base	6,975.2	3.843558
		141 04 39.606	191 12 41.3	11 14 15.1	Sixtymile, East Base	7,323.4	3.864713
			268 43 56.9	88 49 54.3	Crag	5,442.5	3.735798
Charlie							
Alaska, 1913	n.d.	63 46 27.592	81 21 54.3	261 13 42.7	Fred	7,597.9	3.880693
		140 59 56.780	120 24 13.2	300 15 38.7	Divide	9,096.2	3.958862
			180 01 22.6	0 01 22.7	Monument No. 134	392.3	2.593579
Bill							
Alaska, 1908	n.d.	63 44 57.082	6 27 01.3	186 26 35.3	Interior	3,540.1	3.549019
		141 01 04.471	104 09 01.3	284 01 50.4	Fred	6,789.9	3.831866
			239 33 47.0	59 39 07.4	Odell	5,678.5	3.754232

International boundary line 141st Meridian — Auxilliary Stations — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Junction		63	36	15.520	128	22	32.5	308	11	49.5	Round	12,588.1	4.099961
Yukon, 1908	n.d.	140	58	09.731	217	39	18.0	37	46	22.0	Ladue	10,648.4	4.027283
					276	31	55.5	96	37	22.1	Ridge	5,058.9	3.704053
Black		63	10	15.893	72	25	19.9	252	15	31.2	Missou	9,694.2	3.986511
Yukon, 1908	d.m.	140	47	23.998	109	49	23.0	289	41	39.5	Brown	7,720.5	3.887644
					182	19	33.3	2	20	14.7	Fra Wa Pe	15,879.9	4.200849
Snider		62	28	54.800	50	03	00.5	229	55	49.8	Wellesley	9,093.1	3.958711
Alaska, 1909	d.m.	141	01	05.827	158	08	50.8	338	04	21.1	Airs	11,660.7	4.066723
Tit		60	51	36.732	234	30	18.9	54	37	12.1	Point	8,757.5	3.942380
Alaska, 1913	n.d.	141	18	27.444	249	56	05.4	70	07	19.0	Dane	12,377.4	4.092638
Snow		60	48	20.396	116	15	29.3	296	03	42.0	Penn	13,636.3	4.134697
Yukon, 1913	d.m.	140	59	59.265	139	23	19.1	319	14	04.4	Point	14,710.9	4.167639
					175	25	33.8	355	24	51.8	Blondie	9,098.3	3.958959
					180	42	53.0	0	42	59.3	Senator	8,698.6	3.939447
Boundary		60	53	47.692	286	06	35.8	106	10	08.3	Blondie	3,818.3	3.581876
Alaska, 1913	d.m.	141	04	50.568	336	29	36.1	156	33	50.5	Snow	11,044.4	4.043144
Porky Photo		60	53	39.123	67	58	38.4	247	49	29.0	Penn	10,242.9	4.010421
Alaska, 1913	n.d.	141	03	00.344	341	43	40.5	161	46	09.0	Boundary A	8,193.6	3.913477
Boundary B		60	53	00.545	1	33	52.5	181	33	42.1	Boundary A	6,589.8	3.818871
Yukon, 1913	n.d.	140	59	58.460	118	20	54.1	298	20	11.4	Blondie	838.2	2.923346
Dennis Photo		60	53	47.609	62	20	02.4	242	12	29.0	Penn	8,846.3	3.946763
Alaska, 1913	n.d.	141	04	50.340	332	14	50.5	152	18	55.0	Boundary A	9,086.9	3.958415
Sharp		60	50	58.584	72	17	51.7	252	03	11.8	Snow	15,995.5	4.203999
Yukon, 1913	d.m.	140	43	11.593	104	15	06.8	284	00	32.9	Senator	15,571.8	4.192338
Black		60	52	19.478	44	40	06.5	224	33	04.5	Snow	10,394.9	4.016820
Yukon, 1913	d.m.	140	51	56.025	287	29	13.3	107	36	51.4	Sharp	8,303.4	3.919257
Ace		60	46	45.551	109	33	11.0	289	25	12.3	Snow	8,800.4	3.944500
Yukon, 1913	d.	140	50	50.875	221	30	10.6	41	36	51.6	Sharp	10,466.7	4.019808
Turn		60	46	53.391	147	56	57.2	327	50	51.4	Black	11,914.9	4.076089
Yukon, 1913	d.m.	140	44	57.038	191	50	57.2	11	52	29.3	Sharp	7,754.9	3.889575
Duke		60	46	27.724	94	51	14.4	274	44	55.6	Ace	6,592.6	3.819054
Yukon, 1913	n.d.	140	43	36.842	182	36	14.2	2	36	36.3	Sharp	8,392.5	3.923889

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International boundary line 141st Meridian — Auxilliary Stations — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Divide		60 44 18.261	184 04 17.1	4 05 18.4	Black	14,932.6	4.174136
Yukon, 1913	d.	140 53 06.280	215 54 32.1	36 03 11.2	Sharp	15,312.3	4.185040
Slope		60 48 56.828	150 26 41.4	330 21 11.8	Point	11,532.2	4.061912
Alaska, 1913	d.m.	141 04 17.129	172 34 48.3	352 33 39.1	Dane	9,254.7	3.966364
Low		60 49 34.142	77 16 50.6	256 54 55.7	Ace	23,370.6	4.368670
Yukon, 1913	d.m.	140 25 44.576	99 30 35.6	279 15 21.3	Sharp	16,031.8	4.204981
Sub-end		60 46 08.970	133 46 38.0	313 37 36.4	Sharp	12,974.5	4.113092
Yukon, 1913	d.m.	140 32 51.250	225 24 38.1	45 30 50.5	Low	9,054.3	3.956857
Mt. Lucania		61 01 17.739	37 44 04.8	217 24 01.4	Ace	34,059.1	4.532233
Yukon, 1913	n.d.	140 27 53.605	354 53 00.3	174 54 53.1	Low	21,864.9	4.339748
Mt. Logan, middle peak		60 36 21.157	130 36 44.0	309 51 59.1	Eck	60,984.0	4.785216
Yukon, 1913	n.d.	140 31 18.069	131 44 02.2	311 02 39.8	Walsh	57,385.9	4.758805
			140 04 37.8	319 39 35.8	Monument No. 189	40,468.4	4.607116
Pass		60 40 06.97	158 41 55	338 34 24	Thumb	21,494.8	4.332333
Alaska, 1913	n.d.	141 10 12.99					
Alp		60 40 29.28	70 01 44	249 59 55	Pass	2,021.0	3.305566
Alaska, 1913	n.d.	141 08 07.92	153 22 13	333 12 53	Thumb	21,635.2	4.335161
Bald Top		60 41 59.94	16 10 37	196 09 39	Pass	3,640.8	3.561193
Alaska, 1913	n.d.	141 09 06.20	151 55 37	331 47 08	Thumb	18,736.3	4.272683
George		60 40 52.90	61 15 38	241 13 09	Pass	2,955.0	3.470560
Alaska, 1913	n.d.	141 07 22.38	142 48 08	322 46 37	Bald Top	2,605.4	3.415870
Porky		60 40 16.87	261 55 53	81 58 29	Alp	2,745.1	3.438566
Alaska, 1913	n.d.	141 11 06.92	290 30 38	110 31 25	Pass	874.5	2.941743
White Cap		60 41 45.96	35 19 00	215 16 55	Pass	3,754.1	3.574509
Alaska, 1913	n.d.	141 07 50.09	47 19 15	227 16 23	Porky	4,065.8	3.609146
Rupe		62 43 51.821	70 10 29.2	249 57 58.5	Mirror	12,771.2	4.106231
Yukon, 1909	d.m.	140 57 05.903	91 45 38.4	271 43 32.4	Starvation	2,014.5	3.304165
			156 07 02.0	336 03 09.5	Scottie	9,151.9	3.961510
Flag No. 7		62 34 18.806	101 13 55.2	281 09 47.6	Airs	4,061.0	3.608632
Alaska, 1909	n.d.	141 01 30.837	185 36 50.5	5 38 39.9	Starvation	17,888.5	4.252575
Flag No. 8		62 36 02.263	45 08 14.1	225 05 43.3	Airs	3,421.5	3.534215
Alaska, 1909	n.d.	141 03 19.956	296 27 42.4	116 37 57.7	Dane	11,065.8	4.043982

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International boundary line 141st Meridian — Auxilliary Stations — *State* Alaska — *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Little Boundary	61 42 47.610	81 37 33.1	261 36 20.3	Kletsan	1,227.2	3.088933
Yukon, 1909 n.d.	140 56 57.175	104 56 40.3	284 54 00.7	Y of the Boundary (computed)	2,755.6	3.440220
		122 53 03.4	302 49 10.2	White River, West Base	4,629.8	3.665562
		151 23 41.5	331 22 07.2	White River, East Base	3,283.3	3.516307
		180 11 48.5	0 11 50.1	Flat Top (computed)	8,036.5	3.905065
Sub	61 01 38.504	81 25 33.5	261 14 36.0	Chop	11,420.3	4.057679
Alaska, 1913 n.d.	141 31 25.091	120 47 39.0	300 26 28.6	Finis (computed)	25,279.3	4.402765
		313 25 32.4	133 33 16.6	Eck	10,999.1	4.041358
		350 09 14.6	170 11 06.8	Bud	11,310.0	4.053463
Chitina	60 57 57.004	27 05 49.9	207 01 53.4	Fritz	8,955.2	3.952075
Alaska, 1913 n.d.	141 15 33.778	52 40 56.7	232 38 11.7	Walsh	3,572.1	3.552929
		71 00 38.2	250 48 38.8	Bud	13,110.8	4.117628
		83 36 57.0	263 30 49.3	Eck	6,368.1	3.804009
		115 43 50.7	295 29 58.7	Sub	15,858.8	4.200270
Mt. St. Elias	60 17 38.292	143 34 47.2	322 24 19.3	Head	122,041.2	5.0865064
Alaska-Yukon, 1913 n.d.	140 55 46.109	150 30 46.8	329 38 35.2	Finis	109,138.1	5.0379762
		158 34 31.5	338 03 26.9	Sub	87,940.7	4.9441897
		176 40 04.4	356 36 23.6	Monument No. 189	65,807.8	4.8182772
Mt. St. Elias, West Shoulder	60 18 53.344	143 59 24.8	322 51 40.4	Head	118,461.5	5.0735772
Yukon, 1913 n.d.	140 58 54.077	151 12 33.1	330 23 05.1	Finis	105,703.4	5.0240890
		154 38 00.7	333 58 19.7	Nibs	95,527.2	4.980127
		159 46 21.0	339 18 00.0	Sub	84,743.0	4.9281039
		308 47 57.5	128 50 40.7	Mt.St. Elias(computed)	3,705.3	3.568825
Mount King	60 34 51.442	133 59 47.3	313 02 33.1	Nibs	81,941.5	4.9135038
Yukon, 1913 n.d.	140 38 51.533	134 07 27.2	313 14 30.6	Only	76,055.7	4.8811320
		135 24 56.3	314 38 12.5	Shelf	68,735.2	4.8371793
		142 24 28.6	321 52 26.7	Chitina	54,318.3	4.734946
		150 28 06.4	330 09 40.2	Monument No. 189	38,811.3	4.5889586
Thumb	60 50 53.701	139 16 48.5	318 54 27.1	Nibs	35,252.9	4.5471945
Alaska, 1913 n.d.	141 18 50.036	140 46 47.7	320 28 43.8	Only	29,425.2	4.4687192
		147 03 59.5	326 52 08.5	Shelf	22,475.9	4.3517179
		192 41 59.9	12 44 51.4	Chitina	13,432.3	4.1281493
		229 20 12.1	49 27 25.0	Point	9,848.6	3.9933734
		245 00 09.1	65 11 42.4	Dane	13,203.9	4.1207012
		309 01 14.4	129 36 06.4	Mount King	47,011.3	4.6722027
Mt. Porky	60 42 50.571	141 56 07.0	321 19 31.9	Finis	60,950.6	4.784978
Alaska, 1913 n.d.	141 13 44.852	146 31 49.6	326 05 02.4	Nibs	49,995.3	4.698929
		162 52 24.5	342 47 58.2	Thumb	15,650.9	4.1945396
		176 39 24.5	356 37 49.4	Chitina	28,104.5	4.4487766
		294 44 24.5	115 14 49.1	Mt. King	35,098.3	4.5452855
		342 54 03.0	163 06 58.5	Mt.St.Elias, West Shoulder	46,513.8	4.667582

International boundary line 141st Meridian Auxilliary Stations *State* Alaska. *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Elbow		60 18 24.295	164 45 37.3	344 33 47.3	Mt. Fork	47,058.6	4.672639
Alaska, 1913	n.d.	141 00 09.207	232 03 37.3	52 04 42.6	Mt. St. Elias, West Shoulder	1,462.6	3.165122
Boundary Intersection*		60 18 24.295	180 00 13.2	0 00 13.4	Monument No. 191	57,662.0	4.7608897
Alaska-Yukon, 1913	n.d.	141 00 00.000	90 00 04.0	269 59 56.0	Elbow	141.4	2.1504212

* On 141st Meridian in Latitude of Elbow.

17 d.m
33 n.d
2 d
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International boundary line 141st Meridian — Subsidiary Stations — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Sunset 2		67	25	25.813	14	10	49.4	194	07	10.6	Chasm	11,564.7	4.063133
Alaska, 1910	d.m.	141	04	15.871	166	50	06.9	346	48	00.5	Cone	7,136.5	3.853488
					233	17	50.5	53	28	47.8	Nassau	10,544.8	4.023040
					321	42	20.1	141	49	22.6	Rampart	8,815.9	3.945265
Canalaska		67	22	06.732	48	10	40.6	228	03	25.8	Chasm	7,558.5	3.878438
Alaska, 1910	d.m.	141	00	21.703	155	40	50.7	335	37	14.6	Sunset 2	6,769.9	3.830580
					204	28	30.1	24	35	51.1	Nassau	13,692.9	4.136497
					285	48	44.9	105	52	11.2	Rampart	2,772.9	3.442937
Turner's North Monument		67	24	52.885	218	08	20.7	38	15	47.3	Nassau	9,300.7	3.968516
Alaska, 1910; 1911	d.m.	141	00	27.674	335	06	24.1	155	09	55.9	Rampart	6,507.7	3.813425
					359	12	24.7	179	12	30.2	Canalaska	5,148.0	3.711641
Fire Hill		67	24	23.480	11	36	56.5	191	35	49.1	Canalaska	4,325.0	3.635986
Yukon, 1910	d.m.	140	59	08.730	117	52	08.4	297	47	24.9	Sunset 2	4,136.5	3.616637
					134	05	55.1	314	04	42.2	Turner's North Mon.	1,309.3	3.117039
					210	18	06.1	30	24	19.8	Nassau	9,525.6	3.978894
"b"		67	30	53.392	53	36	30.0	233	30	52.5	Cone	5,388.0	3.731429
Alaska, 1912	n.d.	141	00	27.496	134	21	10.4	314	17	18.1	Sun	4,166.1	3.619727
Wan 2		67	27	21.389	1	45	00.5	181	44	52.4	Fire Hill	5,514.2	3.741486
Yukon, 1910	d.m.	140	58	54.591	13	32	56.1	193	31	35.1	Turner's North Mon.	4,732.2	3.675063
					46	54	45.4	226	49	48.6	Sunset 2	5,237.6	3.719135
					121	48	05.3	301	41	02.1	Cone	6,401.5	3.806279
Flat 2		67	23	34.466	146	59	31.8	326	56	38.0	Sunset 2	4,114.7	3.614333
Alaska, 1910	d.m.	141	01	07.604	191	04	33.4	11	05	10.2	Turner's North Mon.	2,475.6	3.393679
					222	59	59.3	43	01	49.0	Fire Hill	2,076.7	3.317384
					348	36	20.9	168	37	03.2	Canalaska	2,772.7	3.442901
Turner's Astronomic Station		67	25	03.739	5	39	47.9	185	39	05.8	Canalaska	5,510.6	3.741202
Yukon, 1910	d.m.	140	59	36.133	61	17	33.0	241	16	45.4	Turner's North Mon.	699.9	2.845039
					345	19	48.3	165	20	13.6	Fire Hill	1,289.2	3.110334
N. A.		67	12	15.579	17	45	22.9	197	41	14.6	Arch 2	10,655.6	4.027578
Alaska, 1912	n.d.	141	03	37.780	296	14	54.7	116	23	25.3	Tit	7,429.6	3.870963
N. B.		66	56	44.501	112	13	24.4	292	01	45.6	Lone	9,948.1	3.997740
Yukon, 1912	n.d.	140	57	58.200	208	10	01.2	28	13	52.1	Battle	6,442.8	3.809074
N. C.		66	54	35.011	144	01	09.0	323	54	01.3	Lone	9,594.8	3.982038
Alaska, 1912	n.d.	141	02	52.739	197	47	53.3	17	50	36.9	Monument No. 61	7,059.5	3.848773
					214	16	54.5	34	25	16.4	Battle	11,736.5	4.069539
					221	42	21.9	41	46	52.9	N. B.	5,376.4	3.730488
N. D.		66	43	32.087	8	53	57.3	188	51	54.4	L_1 of Bdry (Mon. 88)	10,646.0	4.027188
Yukon, 1912	n.d.	140	57	41.252	171	44	18.5	351	42	15.6	M_1 of the Boundary	11,359.3	4.055351
					238	02	56.0	58	12	45.0	Mesa	9,241.5	3.965742

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
N. E.		66 08 12.807	6 54 24.4	186 52 43.0	Blue	11,617.2	4.065102
Alaska, 1912	n.d.	141 03 25.059	41 49 03.4	221 41 21.0	Tom	9,537.9	3.979453
			197 46 35.2	17 51 01.9	Fishing	11,935.7	4.076848
			312 43 24.4	132 48 46.9	Stripe	6,032.7	3.780513
Prow		66 18 32.857	37 01 04.6	216 52 12.2	Low	12,079.6	4.082051
Alaska, 1910	n.d.	141 02 18.511	340 16 10.3	160 19 36.5	Fishing	8,331.0	3.920695
Diablo		65 44 27.321	56 28 07.4	236 14 00.7	Change	14,238.7	4.153469
Yukon, 1910	n.d.	140 53 23.480	224 45 38.6	44 48 43.4	Seal	3,664.3	3.563995
			333 26 07.5	153 31 59.2	Scratch	11,030.6	4.042600
N. F.		65 24 14.815	24 16 07.8	204 12 47.3	Casca	6,943.3	3.841569
Yukon, 1912	n.d.	140 59 31.445	159 43 16.0	339 40 29.2	Yellow	6,816.8	3.833579
			231 19 58.4	51 30 19.2	Lost	11,253.3	4.051278
			330 41 21.3	150 46 47.4	Lime	9,480.0	3.976809
West		65 11 39.416	122 53 18.8	302 46 47.4	Mush	6,671.7	3.824234
Alaska, 1909	n.d.	141 01 10.320	210 24 35.6	30 30 14.1	View N. E.	9,553.2	3.980150
			250 26 32.8	70 32 51.0	Grub	5,748.6	3.759563
East		65 12 04.140	30 40 40.4	210 38 25.8	Slide	2,100.0	3.322215
Yukon, 1909	n.d.	140 58 36.294	69 06 09.0	249 03 49.2	West	2,144.9	3.331407
			172 25 44.2	352 24 31.7	E_1 of the Boundary	7,868.9	3.895914
			200 47 51.2	20 51 10.0	View N. E.	7,991.3	3.902616
			251 18 05.8	71 22 04.3	Grub	3,604.7	3.556868
Talus		65 11 53.405	66 35 35.1	246 34 25.3	West	1,090.2	3.037515
Yukon, 1909	n.d.	140 59 53.415	115 48 04.6	295 40 23.5	Mush	7,332.7	3.865262
			251 39 06.9	71 40 16.9	East	1,056.8	3.023980
Pinnacle		65 00 46.365	23 32 11.1	203 28 49.9	Chief	7,300.8	3.863370
Yukon, 1909	n.d.	140 59 45.742	110 38 56.5	290 34 15.4	Red	4,338.8	3.637365
			0 24 52.1	180 24 46.8	Hug	10,721.7	4.030263
Asp		64 52 00.609	84 36 36.4	264 28 37.5	Bush	7,000.0	3.845098
Alaska, 1909	n.d.	141 02 22.462	199 37 04.9	19 39 21.5	Hug	5,905.1	3.771229
			283 36 08.6	103 40 59.8	Blow	4,360.0	3.639490
Birch		64 47 17.202	39 19 22.5	219 13 06.4	Nut	8,686.3	3.938835
Alaska, 1909	n.d.	141 04 03.247	105 01 44.1	284 54 21.2	Eagle Peak	6,691.2	3.825501
			239 35 13.4	59 41 29.7	Lone	6,362.7	3.803640
Boundary Astronomical Station		64 40 53.587	269 59 51.0	89 59 51.0	Bald of the Boundary	5.37	0.729974
1906; r. 1946	d.m.	140 59 56.842					
Trail		64 37 36.431	27 25 17.1	207 21 16.6	Slope	7,699.1	3.886439
1907	d.m.	141 01 34.545	127 14 51.3	307 10 59.5	Plateau	4,277.3	3.631174
			233 52 55.0	53 57 50.5	Loop	5,375.1	3.730384

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Marmot		64 06 18.224	92 57 36.9	272 47 00.6	Baby	9,589.0	3.981773
1907	d.m.	140 57 16.926	147 06 36.4	326 58 42.7	Canyon	13,079.5	4.116591
			178 44 53.6	358 44 37.7	Baldy	10,864.1	4.035993
			294 24 04.5	114 28 00.7	Gold	3,907.0	3.591841
Miller		64 01 14.837	66 36 33.7	246 33 41.5	Ptarmigan	2,835.1	3.452566
1907	d.m.	140 58 05.972	137 58 19.9	317 48 27.9	Baby	13,311.8	4.124236
			208 29 05.6	28 33 45.8	Gold	8,853.6	3.947119
Walker		64 04 37.812	125 18 55.8	305 13 18.8	Baby	6,217.3	3.793599
1907	d.m.	141 02 49.509	259 26 11.1	79 35 06.5	Gold	8,203.1	3.913977
			350 25 25.3	170 26 48.1	Ptarmigan	7,516.6	3.876024
Sixty		63 54 16.040	107 15 38.0	287 12 24.9	Sixtymile River, E.B.	3,071.4	3.487343
1913	n.d.	140 59 20.062	350 06 11.2	170 07 21.8	Crag	6,250.5	3.795915
Edward		63 34 31.109	57 36 24.1	237 18 14.9	Summit	19,949.0	4.299921
1910	n.d.	140 47 47.443	126 46 15.9	306 42 25.0	Ridge	4,436.2	3.647007
			355 05 12.8	175 06 12.4	Point	10,769.8	4.032207
Victoria		63 31 37.595	7 31 29.4	187 30 43.6	Point	5,404.0	3.732714
1910	n.d.	140 45 49.708	73 58 39.0	253 38 44.8	Summit	19,221.4	4.283786
			147 11 35.4	327 05 59.2	Ridge	9,554.5	3.980210
Hyacinth		63 16 42.912	132 42 17.6	312 38 12.2	Oh Ti	5,204.9	3.716415
1910	n.d.	141 00 50.227					
Howard		63 16 49.418	82 26 22.5	262 24 45.4	Hyacinth	1,528.4	3.184233
1910	n.d.	140 59 01.556	345 25 03.2	165 27 42.1	Brown	9,892.6	3.995310

12 d.m.
20 n.d.

International boundary line 141st Meridian — Intersection Stations — *State* Alaska — *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Grizzly Ridge, N.W. Peak	69 13 07.43	6 01 54	186 00 43	Republic	8,012.6	3.903776
Alaska, 1912 n.d.	141 08 26.35	298 51 09	118 54 41	Grizzly	2,844.2	3.453957
Grizzly Ridge, S.E. Peak	69 11 43.54	35 42 22	215 36 56	Republic	6,608.1	3.820074
Alaska, 1912 n.d.	141 03 53.29	313 02 06	133 12 47	Empire	10,368.3	4.015709
Mt. Greenough, W. Peak	69 09 48.50	258 04 59	78 37 51	Grizzly	23,736.7	4.375420
Alaska, 1912 n.d.	141 39 49.56	274 56 07	95 24 16	Republic	20,022.7	4.301522
Mt. Greenough, E. Peak	69 09 02.40	270 55 35	91 22 03	Republic	18,760.4	4.273242
Alaska, 1912 n.d.	141 38 01.72	319 23 09	139 45 27	Reaburn	24,472.1	4.388671
Highest Peak near line, ridge S. of Coast	69 08 41.08	93 04 14	272 56 35	Republic	5,431.9	3.734955
Alaska, 1912 n.d.	141 01 31.30	163 11 24	343 08 28	Grizzly	7,187.6	3.856586
Dome Shaped Mountain	67 52 18.55	87 37 07	267 11 48	Old Crow	19,184.4	4.282948
Yukon, 1911 n.d.	140 28 44.46	119 39 39	299 16 03	Trap	20,466.8	4.311050
Old Crow Mountain	67 36 58.67	51 09 25	230 24 18	Rampart	44,900.0	4.652246
Alaska, 1910 n.d.	140 07 48.45	53 58 16	233 09 43	Canalaska	46,528.1	4.667715
Castle Peak	67 34 03.23	25 40 51	205 35 12	Cone	10,073.1	4.003162
Alaska, 1910 n.d.	141 00 25.14	329 35 26	149 42 51	Nassau	11,288.1	4.052621
High Rocky Point	65 20 13.36	18 34 44	198 31 43	View Northeast	8,104.2	3.908711
Yukon, 1909 n.d.	140 51 38.55	61 29 02	241 14 32	Nation	14,131.4	4.150186
Highest Pinnacle, W. of Grub	65 12 34.70	5 59 29	185 59 09	Slide	2,768.0	3.442170
Yukon, 1909 n.d.	140 59 36.42	267 08 07	87 13 00	Grub	4,201.4	3.623394
Sharp Peak, E. of Back	65 09 30.66	104 55 06	284 53 02	Back	1,836.5	3.263990
Yukon, 1909 n.d.	140 55 31.08	189 40 07	9 41 17	Grub	5,992.4	3.777603
Cone Shaped Peak	65 00 50.49	25 28 59	205 25 15	Chief	7,556.0	3.878293
Yukon, 1909 n.d.	140 59 20.18	107 42 07	287 37 03	Red	4,613.0	3.663987
Peak between Forks of Eagle Creek	64 46 31.64	80 25 32	260 08 12	Hog	15,418.0	4.188027
Yukon, 1909 n.d.	140 38 43.95	107 45 25	287 28 47	Lone	15,287.4	4.184334
Eldridge - U.S.G.S.	64 45 28.52	314 08 37	134 49 37	Fortymile Done-U.S.G.S.	50,770.1	4.705608
Alaska, 1907 n.d.	141 47 24.89	321 45 24	142 23 05	Uncle Sam	54,232.3	4.734258
U.S.G.S. Cairn	64 35 42.96	232 58 02	53 03 19	Trail	5,840.5	3.766447
Alaska, 1907 n.d.	141 07 25.43	341 15 23	161 16 40	Slope	3,508.0	3.545058
Steele Creek Dome-U.S.G.S.	64 11 14.32	224 44 17	44 58 02	River	17,515.2	4.243415
Alaska, 1907 n.d.	141 19 53.79	264 29 06	84 49 12	Baldy	18,156.5	4.259031

International boundary line 141st Meridian — Intersection Stations — *State* Alaska — *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Witherspoon No. Base-U.S.G.S.	63° 58′ 00.82″	173° 28′ 50″	353° 26′ 49″	Baby	15,987.3	4.203776
Alaska, 1907 n.d.	141 06 50.14	222 46 47	42 51 46	Ptarmigan	6,655.1	3.823153
High Hill S.W. of Wellesley	62 25 41.81	208 38 08	28 47 38	Airs	19,149.9	4.282166
Alaska, 1909 n.d.	141 16 52.53	251 10 56	71 25 56	"S" of the Boundary	15,365.0	4.186532
Chisana, Peak east of	62 16 46.72	224 01 09	44 34 40	Airs	46,611.6	4.668494
Alaska, 1909 n.d.	141 43 58.27	240 39 49	61 10 38	Wellesley	34,349.3	4.535918
Needle Peak	62 11 15.51	217 08 36	37 29 38	Wellesley	33,885.7	4.530017
Alaska, 1909 n.d.	141 32 57.37	237 30 46	58 10 13	Snag	45,523.4	4.658235
Mt. Riggs	61 30 41.97	181 43 23	1 43 39	Dalton	9,228.6	3.965136
Alaska, 1913 n.d.	141 01 58.43	272 10 30	92 24 50	Klutlan	14,493.1	4.161161
Middle Curtain Peak	61 24 18.28	143 26 14	323 17 56	Klutlan	14,077.3	4.148520
Yukon, 1913 n.d.	140 36 12.27	166 10 46	346 04 28	Jenerk	26,543.9	4.423965
Mt. Wood	61 13 57.95	155 25 08	335 00 46	Kletsan	58,776.8	4.769206
Yukon, 1913 n.d.	140 30 35.76	168 19 01	348 07 17	Harris	58,059.5	4.763873
Regal Mt.	61 44 39.96	271 56 17	92 23 33	Rohn	27,276.7	4.435792
Alaska, 1912 n.d.	142 51 58.54	280 52 48	101 12 23	Goat	19,961.0	4.300183
Mt. Blackburn	61 43 51.41	320 45 45	141 26 56	Chititu	66,257.0	4.821232
Alaska, 1912 n.d.	143 24 03.35	322 47 19	143 32 25	Bulb	76,099.7	4.881383
"Z" West Peak - U.S.G.S.	61 42 27.31	226 03 03	46 04 58	End	2,677.1	3.427661
Alaska, 1909 n.d.	141 52 26.16	276 08 14	96 15 49	Bend	7,645.7	3.883419
"X" - U.S.G.S.	61 38 56.54	242 40 33	63 06 37	Burnt Hill	29,326.6	4.467261
Alaska, 1909 n.d.	141 58 59.48	246 50 23	67 03 44	Bend	14,556.1	4.163046
Mt. Sulzer	61 37 31.04	253 49 20	74 23 01	Kletsan	35,123.6	4.545599
Alaska, 1913 n.d.	141 36 35.68	268 06 46	88 53 36	Jenerk	47,052.0	4.672578
Natazhat, W. Peak	61 31 19.01	205 41 42	25 45 34	Dalton	8,966.6	3.952629
Alaska, 1913 n.d.	141 06 03.22	237 25 17	57 45 14	Jenerk	23,779.3	4.376199
Mt. Bona	61 23 05.79	228 19 27	49 00 31	Kletsan	55,121.5	4.741321
Alaska, 1913 n.d.	141 45 01.96	233 09 50	54 03 33	Harris	67,217.0	4.827479
"A" Mountain	61 02 15.73	0 24 04	180 23 59	Bud	12,296.6	4.089785
Alaska, 1913 n.d.	141 29 11.00	325 35 37	145 41 24	Eck	10,565.7	4.023898
Red Mountain	61 01 32.71	11 31 52	191 30 24	Eck	7,542.4	3.877508
Alaska, 1913 n.d.	141 20 54.11	34 38 49	214 31 29	Bud	13,318.1	4.124442

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No.1, (Cetera of the Boundary)	69 38 48.433	22 01 45.84	201 49 29.89	Mosquito	22,790.07	4.3577456
1912; r. 1952 d.m.	140 59 52.574	118 09 39.80	297 59 40.24	Demarcation	7,811.55	3.8927373
		341 47 28.56	161 56 21.15	Bug	19,775.82	4.2961346
Monument No. 2	69 35 25.770	29 55 53.4	209 43 37.6	Mosquito	17,130.7	4.233775
1912 d.m.	140 59 52.624	145 21 32.6	325 11 33.1	Demarcation	12,114.6	4.083309
		180 00 17.7	0 00 17.7	Monument No. 1	6,280.4	3.797985
		333 42 04.7	153 50 57.2	Bug	13,948.9	4.144541
Monument No. 3	69 31 53.650	45 56 06.5	225 43 50.9	Mosquito	11,894.8	4.075356
1912 d.m.	140 59 52.677	180 00 18.1	0 00 18.1	Monument No. 2	6,573.4	3.817788
		313 49 22.8	133 58 15.2	Bug	8,566.6	3.932809
Monument No. 4 (Et of the Boundary)	69 28 33.308	24 21 52.6	204 12 08.7	Borealis	16,543.6	4.218629
1912 d.m.	140 59 52.730	180 00 18.0	0 00 18.2	Monument No. 1	19,062.0	4.280169
		180 00 18.5	0 00 18.6	Monument No. 3	6,208.3	3.792972
Monument No. 5 (Z_1 of the Boundary)	69 25 08.474	38 02 18.8	217 52 35.1	Borealis	11,075.0	4.044344
1912 d.m.	140 59 52.782	180 00 18.4	0 00 18.5	Monument No. 4	6,347.5	3.802605
		223 01 19.4	43 10 04.7	Bug	9,060.5	3.957151
		334 03 46.4	154 09 47.1	Pass	9,640.7	3.984108
Monument No. 6	69 23 04.795	54 22 29.6	234 12 46.0	Borealis	8,395.2	3.924029
1912 d.m.	140 59 52.814	133 31 23.6	313 19 08.6	Mosquito	11,785.4	4.071343
		180 00 19.0	0 00 19.0	Monument No. 5	3,832.6	3.583497
Monument No. 7	69 21 16.747	77 16 04.2	257 06 20.7	Borealis	6,995.7	3.844830
1912 d.m.	140 59 52.842	180 00 19.0	0 00 19.0	Monument No. 6	3,348.2	3.524812
Monument No. 8 (Y_1 of the Boundary)	69 17 58.231	16 56 17.2	196 51 48.6	Grizzly	10,854.0	4.035591
1912 d.m.	140 59 52.890	180 00 19.0	0 00 19.0	Monument No. 5	13,332.5	4.124911
		180 00 19.0	0 00 19.0	Monument No. 7	6,151.5	3.788981
		222 07 54.1	42 13 54.7	Pass	6,287.5	3.798480
		228 15 17.5	48 27 01.5	Backhouse	11,022.2	4.042270
		345 14 48.1	165 21 44.7	Empire	19,330.9	4.286252
Monument No. 9	69 15 16.079	30 32 36.7	210 28 08.2	Grizzly	6,221.7	3.793909
1912 d.m.	140 59 52.924	180 00 15.2	0 00 15.3	Monument No. 8	5,024.8	3.701118
		272 48 25.8	92 57 44.9	Aurora	6,577.6	3.818068
Monument No. 10	69 12 23.951	89 33 19.1	269 28 50.7	Grizzly	3,161.5	3.499896
1912 d.m.	140 59 52.959	180 00 15.2	0 00 15.2	Monument No. 9	5,333.9	3.727042

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 11						
1912 d.m.	69 10 26.826	159 51 21.0	339 41 37.9	Borealis	19,809.7	4.296877
	140 59 52.985	180 00 15.2	0 00 15.3	Monument No. 8	13,988.1	4.145758
		180 00 15.2	0 00 15.2	Monument No. 10	3,629.4	3.559837
		313 42 04.6	133 49 01.1	Empire	6,810.7	3.833191
Monument No. 12 (X_1 of the Boundary)						
1912 d.m.	69 09 02.476	180 00 15.2	0 00 15.3	Monument No. 8	16,601.9	4.220157
	140 59 53.002	180 00 15.2	0 00 15.2	Monument No. 11	2,613.8	3.417272
		293 00 56.3	113 07 52.8	Empire	5,349.9	3.728342
		355 10 32.9	175 12 51.3	Tub	19,611.6	4.292513
Monument No. 13						
1912 d.m.	69 07 37.960	180 00 20.2	0 00 20.2	Monument No. 12	2,618.9	3.418124
	140 59 53.025	263 53 19.4	84 00 15.9	Empire	4,952.4	3.694815
		354 25 58.0	174 28 16.4	Tub	17,003.4	4.230535
Monument No. 14						
1912 d.m.	69 04 11.830	142 59 59.2	322 50 48.4	Republic	10,814.8	4.034017
	140 59 53.081	180 00 20.2	0 00 20.2	Monument No. 13	6,387.4	3.805327
		215 27 35.2	35 34 31.6	Empire	8,489.2	3.928868
		351 05 53.5	171 08 11.9	Tub	10,664.2	4.027928
Monument No. 15						
1912 d.m.	69 01 49.702	180 00 20.2	0 00 20.2	Monument No. 14	4,404.1	3.643856
	140 59 53.120	203 30 57.7	23 37 54.0	Empire	12,343.9	4.091454
		344 55 59.7	164 58 18.1	Tub	6,349.9	3.802768
Monument No. 16						
1912 d.m.	69 00 18.960	180 00 20.1	0 00 20.2	Monument No. 15	2,811.8	3.448979
	140 59 53.145	199 13 02.2	19 19 58.6	Empire	14,964.5	4.175061
		354 23 49.3	174 26 30.4	Turner	19,802.6	4.296722
Monument No. 17 (W_1 of the Boundary)						
1912 d.m.	68 57 02.142	180 00 20.1	0 00 20.2	Monument No. 12	22,321.1	4.348715
	140 59 53.198	180 00 20.1	0 00 20.2	Monument No. 13	19,702.1	4.294513
		180 00 20.1	0 00 20.2	Monument No. 14	13,314.7	4.124332
		180 00 20.1	0 00 20.2	Monument No. 15	8,910.6	3.949907
		180 00 20.1	0 00 20.1	Monument No. 16	6,098.8	3.785247
		210 43 20.2	30 45 38.7	Tub	3,232.7	3.509561
		351 54 42.5	171 57 23.6	Turner	13,745.9	4.138174
		3 25 23.1	183 23 46.5	Riggs	19,515.0	4.290369
Monument No. 18						
1912 d.m.	68 54 13.579	180 00 14.7	0 00 14.7	Monument No. 17	5,223.2	3.717936
	140 59 53.231	191 39 49.0	11 42 07.5	Tub	8,170.9	3.912269
		347 00 39.3	167 03 20.3	Turner	8,606.2	3.934812
Monument No. 19						
1912 d.m.	68 50 44.972	8 29 51.6	188 28 15.0	Riggs	7,879.5	3.896499
	140 59 53.276	180 00 15.3	0 00 15.4	Monument No. 18	6,464.0	3.810502
		186 30 58.2	6 33 16.8	Tub	14,560.2	4.163168
		314 48 32.1	134 51 13.2	Turner	2,727.2	3.435724

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 20 (V_1 of the Boundary)						
1911 d.m.	68 48 41.941	16 18 03.0	196 16 26.4	Riggs	4,147.4	3.617781
	140 59 53.297	180 00 14.7	0 00 14.7	Monument No. 17	15,499.4	4.190316
		180 00 12.9	0 00 12.9	Monument No. 19	3,812.3	3.581184
		225 40 18.1	45 42 59.2	Turner	2,705.1	3.432189
		323 47 48.4	143 53 49.4	Incog	7,365.7	3.867216
Monument No. 21	68 44 59.972	39 36 25.0	219 22 52.6	Silver	15,446.0	4.188816
1911 d.m.	140 59 53.322	62 44 35.7	242 33 28.7	Albion	9,064.5	3.957344
		158 06 51.7	338 05 15.1	Riggs	3,122.3	3.494468
		180 00 08.2	0 00 08.2	Monument No. 20	6,877.9	3.837459
		192 26 49.8	12 29 30.9	Turner	8,979.3	3.953241
		257 52 47.7	77 58 48.7	Incog	4,450.1	3.648365
Monument No. 22 (U_1 of the Boundary)						
1911 d.m.	68 43 17.948	48 24 41.8	228 11 09.5	Silver	13,165.4	4.119433
	140 59 53.348	82 59 43.8	262 48 36.9	Albion	8,118.3	3.909465
		128 43 17.9	308 26 17.2	Siwash	15,735.1	4.196870
		169 07 43.7	349 06 07.1	Riggs	6,169.3	3.790233
		180 00 11.8	0 00 11.8	Monument No. 20	10,039.3	4.001702
		180 00 19.1	0 00 19.1	Monument No. 21	3,161.3	3.499872
		189 12 59.2	9 15 40.3	Turner	12,085.6	4.082267
Monument No. 23	68 40 39.005	180 00 19.0	0 00 19.1	Monument No. 22	4,925.0	3.692407
1911 d.m.	140 59 53.390	318 13 15.1	138 17 47.4	Shark	4,955.1	3.695056
Monument No. 24	68 38 03.017	95 54 42.1	275 41 10.2	Silver	9,898.5	3.995571
1911 d.m.	140 59 53.429	100 36 57.1	280 33 42.4	Firth River, So. Base	2,402.9	3.380738
		137 25 17.8	317 14 11.2	Albion	11,907.8	4.075832
		180 00 19.0	0 00 19.1	Monument No. 22	9,758.4	3.989377
		180 00 19.0	0 00 19.0	Monument No. 23	4,833.4	3.684250
		250 58 47.1	71 03 19.4	Shark	3,492.5	3.543142
Monument No. 25	68 35 17.223	47 01 35.8	226 48 55.7	Coral	12,680.5	4.103137
1911 d.m.	140 59 53.470	122 01 09.4	301 47 37.6	Silver	11,611.9	4.064905
		149 54 49.2	329 43 42.7	Albion	16,070.7	4.206036
		180 00 19.0	0 00 19.1	Monument No. 22	14,895.6	4.173057
		180 00 19.0	0 00 19.0	Monument No. 24	5,137.2	3.710727
		207 45 17.0	27 49 49.2	Shark	7,091.3	3.850725
Monument No. 26 (T_1 of the Boundary)	68 33 24.714	60 55 45.2	240 43 05.2	Coral	10,614.9	4.025916
1912 d.m.	140 59 53.499	134 24 19.0	314 10 47.3	Silver	13,780.8	4.139274
		165 24 10.6	345 21 55.9	Firth River, So. Base	9,368.4	3.971665
		168 38 56.8	348 35 52.1	Firth River, No. Base	11,366.6	4.055629
		180 00 19.0	0 00 19.1	Monument No. 22	18,381.7	4.264385
		347 48 32.9	167 50 06.9	Jim	5,438.2	3.735458
		356 29 17.6	176 30 53.8	Lynx	19,295.4	4.285453

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 27		68 30 10.055	15 21 41.1	195 16 22.4	Watt	14,788.8	4.169933
1911	d.m.	140 59 53.537	95 22 52.1	275 10 12.3	Coral	9,318.3	3.969335
			180 00 15.0	0 00 15.0	Monument No. 26	6,031.6	3.780429
			354 53 31.8	174 55 08.0	Lynx	13,280.3	4.123208
Monument No. 28		68 26 14.483	29 21 58.5	209 16 39.9	Watt	7,987.7	3.902423
1911	d.m.	140 59 53.583	131 22 51.7	311 10 12.1	Coral	12,363.5	4.092140
			180 00 14.9	0 00 15.0	Monument No. 27	7,299.2	3.863274
			188 09 37.7	8 11 11.7	Jim	8,097.1	3.908330
Monument No. 29		68 23 23.896	180 00 14.8	0 00 14.9	Monument No. 28	5,285.6	3.723095
1911	d.m.	140 59 53.616	184 56 25.6	4 57 59.7	Jim	13,350.3	4.125492
S_1 of the Boundary		68 23 23.727	107 56 33.8	287 43 25.9	Wee	10,162.7	4.007011
1911	n.d.	140 59 53.616	145 26 02.5	325 13 23.1	Coral	16,350.1	4.213520
			180 00 14.8	0 00 15.0	Monument No. 26	18,621.6	4.270016
			180 00 14.8	0 00 14.9	Monument No. 28	5,290.8	3.723525
			180 00 14.8	0 00 14.8	Monument No. 29	5.21	0.717012
			184 56 18.7	4 57 52.8	Jim	13,355.5	4.125661
			298 19 00.5	118 20 36.9	Lynx	13,441.0	3.128433
Monument No. 30		68 21 07.043	20 43 22.4	200 31 36.8	Pasture	26,901.0	4.429769
1911	d.m.	140 59 53.616	32 41 08.1	212 29 23.5	Billie	17,532.7	4.243848
			123 12 57.5	303 07 39.0	Watt	4,681.7	3.670402
			179 59 59.6	359 59 59.6	S_1 of the Boundary	4,235.1	3.626863
Monument No. 31		68 18 41.904	150 59 06.2	330 53 47.7	Watt	8,075.2	3.907151
1911	d.m.	140 59 53.616	179 59 59.6	359 59 59.5	Monument No. 30	4,497.1	3.652929
			188 18 59.5	8 20 35.8	Lynx	8,180.6	3.912786
			279 44 31.6	99 50 30.3	Doodle	4,490.3	3.652275
Monument No. 32		68 13 09.819	179 59 59.9	359 59 59.9	Monument No. 31	10,289.4	4.012390
1912	d.m.	140 59 53.616					
Monument No. 33		68 13 05.290	42 57 24.2	222 44 38.8	Pasture	13,979.4	4.145489
1911	d.m.	140 59 53.616	167 22 41.7	347 17 23.4	Watt	17,924.5	4.253448
			179 59 59.9	359 59 59.9	Monument No. 31	10,429.7	4.018273
			179 59 59.9	359 59 59.9	Monument No. 32	140.33	2.147151
			183 39 17.4	3 40 53.7	Lynx	18,562.1	4.268626
			204 35 30.3	24 41 28.9	Doodle	10,634.5	4.026716
Monument No. 34		68 11 12.934	54 40 41.7	234 27 56.5	Pasture	11,674.6	4.067243
1912	d.m.	140 59 53.674	111 05 51.4	290 53 07.2	Billie	10,152.3	4.006565
			180 00 39.3	0 00 39.4	Monument No. 33	3,481.2	3.541731
		68 13 11.14771					
Monument 32		140 59 53.61660					
1973							

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STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 35		68	08	49.515	171	14	33.6	351	09	15.4	Watt	25,716.0	4.410204
1911	d.m.	140	59	53.747	180	00	39.3	0	00	39.4	Monument No. 33	7,924.8	3.898991
					180	00	39.3	0	00	39.3	Monument No. 34	4,443.6	3.647739
					182	33	53.1	2	35	29.5	Lynx	26,475.7	4.422847
					347	30	08.0	167	31	41.8	Spud	5,406.5	3.732914
Monument No. 36		68	05	43.050	32	16	51.6	212	11	01.7	Tip	8,191.3	3.913352
1911	d.m.	140	59	53.841	110	01	31.6	289	48	46.8	Pasture	10,136.4	4.005886
					180	00	38.9	0	00	39.0	Monument No. 35	5,777.4	3.761730
					246	55	14.0	66	56	48.0	Spud	1,272.9	3.104810
Monument No. 37		68	02	52.845	69	18	49.6	249	12	59.9	Tip	4,675.7	3.669849
1911	d.m.	140	59	53.881	180	00	18.1	0	00	18.1	Monument No. 36	5,273.5	3.722102
					191	28	20.1	11	29	54.1	Spud	5,890.2	3.770131
R_1 of the Boundary		68	02	33.121	76	37	06.7	256	31	17.0	Tip	4,496.3	3.652854
1911	n.d.	140	59	53.886	180	00	16.4	0	00	16.5	S_1 of the Boundary	38,748.7	4.588257
					180	00	18.1	0	00	18.1	Monument No. 37	611.1	2.786117
					190	23	58.8	10	25	32.8	Spud	6,490.3	3.812262
					336	08	11.4	156	13	27.6	Trap	9,809.6	3.991653
Monument No. 38		68	02	29.415	180	00	16.4	0	00	16.4	R_1 of the Boundary	114.82	2.060011
1911	d.m.	140	59	53.887	180	00	17.8	0	00	17.8	Monument No. 37	725.9	2.860892
Monument No. 39		67	57	31.898	152	11	31.2	332	05	41.7	Tip	9,374.9	3.971966
1912	d.m.	140	59	53.950	180	00	16.3	0	00	16.4	R_1 of the Boundary	9,332.8	3.970014
					264	47	31.0	84	52	47.2	Trap	3,985.8	3.600513
					345	47	14.8	165	50	47.2	Old Crow	10,908.7	4.037774
Monument No. 40		67	54	16.160	48	54	28.6	228	43	27.4	Comb	11,079.4	4.044515
1911	d.m.	140	59	53.981	163	03	32.6	342	57	43.2	Tip	15,008.0	4.176323
					180	00	12.2	0	00	12.2	Monument No. 39	6,064.5	3.782797
Monument No. 41		67	51	39.342	27	50	31.8	207	44	09.6	Tiny	10,366.4	4.015629
1912	d.m.	140	59	54.017	73	48	53.1	253	37	51.9	Comb	8,694.2	3.939229
					167	10	48.1	347	04	58.7	Tip	19,706.7	4.294614
					180	00	18.3	0	00	18.2	Monument No. 40	4,858.7	3.686520
Monument No. 42		67	49	31.548	42	54	53.2	222	48	31.0	Tiny	7,109.8	3.851860
1911	d.m.	140	59	54.047	100	25	24.6	280	14	23.5	Comb	8,489.3	3.928874
					180	00	18.3	0	00	18.3	Monument No. 41	3,959.4	3.597626
					211	52	54.8	31	56	27.2	Old Crow	5,073.1	3.705270
					340	40	40.3	160	46	52.5	Doc	14,299.6	4.155323
Monument No. 43		67	47	19.406	77	03	07.8	256	56	45.7	Tiny	4,967.0	3.696094
1911	d.m.	140	59	54.085	123	59	37.3	303	48	36.3	Comb	10,069.7	4.003018
					180	00	22.7	0	00	22.7	Monument No. 42	4,094.1	3.612158
					197	41	27.1	17	44	59.5	Old Crow	8,818.9	3.945413

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 44		67 43 53.896	180 00 22.6	0 00 22.7	Monument No. 43	6,367.2	3.803947
1911	d.m.	140 59 54.145	302 39 13.5	122 45 25.7	Doc	5,621.0	3.749814
Q_1 of the Boundary		67 43 53.211	180 00 22.6	0 00 22.7	Monument No. 43	6,388.4	3.805393
1911	n.d.	140 59 54.145	180 00 22.6	0 00 22.6	Monument No. 44	21.24	1.327248
			180 00 17.7	0 00 18.0	R_1 of the Boundary	34,697.9	4.540303
			302 28 15.8	122 34 28.0	Doc	5,609.6	3.748930
Monument No. 45		67 42 57.081	180 00 17.5	0 00 17.5	Q_1 of the Boundary	1,739.0	3.240304
1911	d.m.	140 59 54.158	180 00 17.5	0 00 17.5	Monument No. 44	1,760.3	3.245581
			285 03 04.2	105 09 14.4	Doc	4,900.9	3.690272
Monument No. 46		67 39 31.126	14 24 42.2	194 20 18.9	Sun	13,553.8	4.132061
1911	d.m.	140 59 54.203	180 00 17.5	0 00 17.5	Monument No. 45	6,380.9	3.804882
			327 39 00.2	147 45 04.0	Gun	8,693.1	3.939173
Monument No. 46A		67 35 55.987	64 37 58.1	244 29 28.5	Orphan	7,218.4	3.858438
1911	d.m.	140 59 54.251	134 04 22.4	313 49 54.6	Barren	15,371.2	4.186709
			180 00 17.4	0 00 17.5	Monument No. 46	6,665.3	3.823822
			201 54 13.1	22 00 25.2	Doc	12,689.7	4.103450
Monument No. 47		67 34 05.101	180 00 17.4	0 00 17.4	Monument No. 46A	3,435.4	3.535980
1911	d.m.	140 59 54.276	239 21 00.5	59 27 04.3	Gun	5,407.9	3.733029
P_1 of the Boundary		67 34 05.013	180 00 17.4	0 00 17.5	Q_1 of the Boundary	18,223.4	4.260630
1911	n.d.	140 59 54.276	180 00 17.4	0 00 17.5	Monument No. 46	10,103.5	4.004472
			180 00 17.4	0 00 17.4	Monument No. 46A	3,438.2	3.536327
			180 00 17.4	0 00 17.4	Monument No. 47	2.74	0.438258
			197 17 12.8	17 23 24.9	Doc	15,931.4	4.202255
			239 19 30.5	59 25 34.3	Gun	5,409.3	3.733142
Monument No. 47A		67 30 56.858	55 05 01.6	234 58 53.4	Cone	5,771.4	3.761281
1912	d.m.	140 59 54.212	74 47 16.8	254 46 46.1	"b"	409.1	2.611824
			179 59 33.2	359 59 33.2	P_1 of the Boundary	5,829.3	3.765614
Monument No. 48		67 29 41.111	28 38 02.6	208 32 49.2	Porcupine	8,427.0	3.925675
1911	d.m.	140 59 54.224	78 34 15.8	258 28 07.6	Cone	4,828.1	3.683775
			146 47 14.9	326 42 51.9	Sun	6,158.2	3.789454
			170 00 21.7	349 59 51.0	"b"	2,273.9	3.356768
			180 00 12.4	0 00 12.4	Monument No. 47A	2,346.7	3.370462
Monument No. 48A		67 27 40.784	47 44 39.3	227 39 26.0	Porcupine	5,455.5	3.736838
1911	d.m.	140 59 54.260	120 21 16.8	300 15 08.7	Cone	5,483.7	3.739070
			180 00 23.4	0 00 23.5	Monument No. 48	3,727.9	3.571461
			348 05 56.8	168 08 57.6	Rampart	11,349.1	4.054960

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
		° ′ ″	° ′ ″	° ′ ″			
Monument No. 49		67 27 13.017	55 10 52.8	235 05 39.5	Porcupine	4,918.3	3.691818
1911	d.m.	140 59 54.273	127 30 16.8	307 24 08.7	Cone	5,964.6	3.775584
			180 00 36.8	0 00 36.8	Monument No. 48A	860.25	2.934627
			347 07 51.7	167 10 52.5	Rampart	10,508.8	4.021554
Monument No. 49A		67 25 39.034	2 50 48.9	182 50 23.6	Canalaska	6,585.4	3.818581
1911	d.m.	140 59 54.294	82 32 24.5	262 28 23.1	Sunset 2	3,140.9	3.497051
			180 00 18.3	0 00 18.5	Monument No. 49	2,911.7	3.464144
			342 17 47.2	162 20 48.3	Rampart	7,697.7	3.886362
Fall of the Boundary		67 25 05.043	3 23 15.1	183 22 49.8	Canalaska	5,533.9	3.743028
1911; r. 1912	n.d.	140 59 54.301	46 32 32.5	226 32 01.7	Turner's North Mon.	547.6	2.738454
			101 42 24.0	281 38 22.6	Sunset 2	3,180.4	3.502476
			337 08 06.6	157 08 48.7	Fire Hill	1,397.4	3.145316
Monument No. 50		67 25 04.104	48 50 06.3	228 49 35.5	Turner's North Mon.	528.0	2.722626
1912; r. 1936	d.m.	140 59 54.301	180 00 31.1	0 00 31.1	Fall of the Boundary	29.1	1.463934
			180 00 18.0	0 00 18.0	Monument No. 49A	1,082.2	3.034309

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 51		67 24 10.924	163 00 34.2	343 00 03.4	Turner's North Mon.	1,359.4	3.133345
1912	d.m.	140 59 54.322	180 00 31.1	0 00 31.1	Monument No. 50	1,647.6	3.216841
Monument No. 52		67 22 11.636	65 02 12.3	245 01 47.0	Canalaska	359.9	2.556180
1912	d.m.	140 59 54.362	175 27 32.1	355 27 01.4	Turner's North Mon.	5,011.4	3.699958
			180 00 25.8	0 00 25.9	Monument No. 51	3,695.6	3.567685
			291 11 25.9	111 14 27.0	Rampart	2,511.4	3.399921
O_1 of the Boundary		67 20 27.778	38 08 41.1	218 00 32.9	Junction 2	10,265.5	4.011382
1910; r. 1912	n.d.	140 59 54.449	71 40 20.9	251 32 41.0	Chasm	6,277.0	3.797754
			173 56 39.0	353 56 13.8	Canalaska	3,082.9	3.488959
			180 01 06.5	0 01 06.6	Monument No. 52	3,217.6	3.507531
			180 00 16.7	0 00 16.9	P_1 of the Boundary	25,318.7	4.403442
Monument No. 53		67 20 24.893	72 27 01.3	252 19 21.4	Chasm	6,249.5	3.795844
1912	d.m.	140 59 54.449	180 00 19.3	0 00 19.3	O_1 of the Boundary	89.38	1.951254
Monument No. 54		67 18 24.044	56 13 42.1	236 05 34.0	Junction 2	7,627.5	3.882384
1912	d.m.	140 59 54.453	107 19 55.3	287 12 15.5	Chasm	6,242.0	3.795323
			180 00 02.9	0 00 02.9	O_1 of the Boundary	3,833.3	3.583578
Monument No. 55		67 16 18.705	86 46 38.7	266 38 30.7	Junction 2	6,349.9	3.802769
1912	d.m.	140 59 54.501	133 56 43.3	313 49 03.6	Chasm	8,275.0	3.917767
			180 00 16.7	0 00 16.8	O_1 of the Boundary	7,716.4	3.887415
			180 00 30.3	0 00 30.3	Monument No. 54	3,883.1	3.589175
			193 09 17.3	13 12 18.4	Rampart	10,296.4	4.012685
Monument No. 56		67 13 20.718	26 02 23.8	205 54 49.7	Arch 2	13,535.4	4.131471
1912	d.m.	140 59 54.545	53 03 43.6	233 00 17.7	N.A.	3,355.8	3.525796
			129 07 43.0	308 59 35.2	Junction 2	8,172.1	3.912334
			180 00 19.9	0 00 20.0	Monument No. 55	5,514.1	3.741473
			323 09 26.4	143 14 31.2	Tit	6,634.1	3.821780
Monument No. 57		67 10 05.094	44 14 21.6	224 06 47.7	Arch 2	8,515.8	3.930225
1912	d.m.	140 59 54.620	146 27 08.3	326 23 42.6	N.A.	4,852.0	3.685918
			180 00 30.7	0 00 30.8	Monument No. 56	6,060.4	3.782503
			285 22 10.9	105 36 39.8	Kite	11,780.6	4.071168
Monument No. 58		67 07 47.867	180 00 05.9	0 00 06.0	Monument No. 57	4,251.3	3.628521
1912	d.m.	140 59 54.633	264 19 28.8	84 33 57.7	Kite	11,415.4	4.057490
N_1 of the Boundary		67 07 47.425	164 34 15.7	344 26 36.4	Chasm	22,389.0	4.350034
1910; r. 1912	n.d.	140 59 54.633	180 00 19.1	0 00 19.3	O_1 of the Boundary	23,555.9	4.372100
			180 00 19.1	0 00 19.1	Monument No. 58	13.72	1.137228
			264 15 22.2	84 29 51.1	Kite	11,416.7	4.057542
			348 05 15.2	168 12 13.1	Salmon	26,783.7	4.427871

International boundary line 141st Meridian — Boundary Monuments — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 59		67 04 25.998	180 00 44.0	0 00 44.0	Monument No. 58	6,253.8	3.796147
1912	d.m.	140 59 54.741	236 58 56.8	57 13 25.5	Kite	13,548.8	4.131902
			332 39 46.1	152 45 24.5	Battle	9,698.1	3.986688
Monument No. 60		67 01 45.016	54 32 29.6	234 22 38.0	Lone	9,569.8	3.980901
1912	d.m.	140 59 54.810	180 00 34.3	0 00 34.4	Monument No. 59	4,987.1	3.697850
			309 09 39.3	129 15 17.7	Battle	5,744.9	3.759284
Monument No. 61		66 58 11.957	97 39 51.1	277 29 59.7	Lone	7,864.4	3.895664
1912	d.m.	140 59 54.876	180 00 24.9	0 00 25.0	Monument No. 60	6,600.4	3.819570
Monument No. 62		66 56 27.223	31 53 49.1	211 51 05.5	N.C.	4,093.5	3.612091
1912	d.m.	140 59 54.895	180 00 13.0	0 00 13.0	Monument No. 61	3,244.6	3.511155
			249 17 44.4	69 19 31.8	N.B.	1,515.0	3.180415
Monument No. 63		66 53 15.717	138 39 17.0	318 36 33.4	N.C.	3,273.1	3.514965
1912	d.m.	140 59 54.955	180 00 25.5	0 00 25.5	Monument No. 62	5,932.6	3.773248
			192 21 51.0	12 23 38.4	N.B.	6,621.8	3.820979
M_1 of the Boundary		66 49 34.951	33 15 29.6	213 09 07.5	Fort	9,277.3	3.967420
1910; r. 1912	n.d.	140 59 55.004	180 00 27.5	0 00 28.1	N_1 of the Boundary	33,843.9	4.529480
			180 00 18.1	0 00 18.1	Monument No. 63	6,839.0	3.834995
			215 55 27.4	36 02 25.5	Salmon	9,430.8	3.974547
			303 48 09.4	124 00 01.5	Mesa	11,405.4	4.057111
Monument No. 64		66 49 34.800	180 00 16.3	0 00 16.3	M_1 of the Boundary	4.68	0.670124
1912	d.m.	140 59 55.004					
Monument No. 65		66 47 17.191	55 32 55.2	235 26 33.2	Fort	6,169.5	3.790252
1912	d.m.	140 59 55.031	180 00 16.3	0 00 16.3	M_1 of the Boundary	4,267.6	3.630182
			180 00 16.3	0 00 16.3	Monument No. 64	4,262.9	3.629705
			282 21 51.5	102 33 43.5	Mesa	9,702.8	3.986897
Monument No. 66		66 43 05.376	130 16 42.7	310 10 20.9	Fort	6,667.7	3.823973
1912	d.m.	140 59 55.082	180 00 16.2	0 00 16.3	M_1 of the Boundary	12,068.4	4.081649
			180 00 16.2	0 00 16.3	Monument No. 65	7,800.8	3.892139
			243 12 41.2	63 14 44.1	N.D.	1,837.0	3.264120
Monument No. 67		66 39 09.835	156 20 13.7	336 13 52.0	Fort	12,672.8	4.102871
1912	d.m.	140 59 55.127	180 00 16.2	0 00 16.2	Monument No. 66	7,296.6	3.863120
Monument No. 68 (L_1 of the Boundary		66 37 52.544	36 17 42.3	216 05 43.6	Circle	16,353.5	4.213610
1910; r. 1912	d.m.	140 59 55.142	160 02 11.2	339 55 49.5	Fort	14,896.7	4.173090
			180 00 16.2	0 00 16.3	M_1 of the Boundary	21,759.3	4.337645
			180 00 16.2	0 00 16.2	Monument No. 66	9,690.9	3.986364
			180 00 16.2	0 00 16.2	Monument No. 67	2,394.3	3.379180
			190 39 47.3	10 46 45.2	Salmon	29,912.8	4.475857
			211 35 24.4	31 47 16.1	Mesa	18,095.5	4.257571
			345 21 18.2	165 27 28.7	Arctic	19,786.0	4.296358

INTERNATIONAL BOUNDARY COMMISSION—UNITED STATES, ALASKA, AND CANADA

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International boundary line 141st Meridian Boundary Monuments *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 69		66	34	44.844	180	00	26.0	0	00	26.1	Monument No. 68	5,814.5	3.764515
1912	d.m.	140	59	55.202	339	25	31.0	159	31	41.5	Arctic	14,236.8	4.153411
Monument No. 70		66	32	57.795	180	00	26.0	0	00	26.1	Monument No. 68	9,130.6	3.960500
1912	d.m.	140	59	55.236	180	00	26.0	0	00	26.0	Monument No. 69	3,316.1	3.520625
					333	26	49.7	153	33	00.2	Arctic	11,193.2	4.048954
Monument No. 71		66	29	45.339	101	10	26.0	280	58	27.8	Circle	9,865.4	3.994116
1912	d.m.	140	59	55.297	180	00	26.0	0	00	26.1	Monument No. 68	15,092.4	4.178758
					180	00	26.0	0	00	26.0	Monument No. 70	5,961.8	3.775375
Monument No. 72		66	26	21.254	130	23	28.4	310	11	30.4	Circle	12,706.4	4.104021
1912	d.m.	140	59	55.361	180	00	25.9	0	00	26.1	Monument No. 68	21,414.4	4.330705
					180	00	25.9	0	00	26.0	Monument No. 71	6,322.0	3.800852
Monument No. 73 (K_1 of the Boundary)		66	24	56.104	50	03	12.3	229	53	29.5	Igloo	10,319.1	4.013641
1910; r. 1912	d.m.	140	59	55.388	138	19	33.4	318	07	35.5	Circle	14,554.7	4.163003
					180	00	25.9	0	00	26.1	Monument No. 68	24,052.0	4.381152
					180	00	25.9	0	00	26.0	Monument No. 69	18,237.5	4.260966
					180	00	25.9	0	00	26.0	Monument No. 70	14,921.5	4.173811
					180	00	25.9	0	00	26.0	Monument No. 71	8,959.7	3.952293
					180	00	25.9	0	00	25.9	Monument No. 72	2,637.7	3.421230
					225	33	30.2	45	39	40.6	Arctic	7,010.9	3.845771
					333	20	18.3	153	25	05.6	Curve	8,694.3	3.939235
					357	01	34.1	177	02	49.2	Fishing	19,741.4	4.295377
Monument No. 74		66	22	25.839	148	04	00.5	327	52	02.8	Circle	18,294.8	4.262328
1912	d.m.	140	59	55.438	180	00	27.6	0	00	27.7	Monument No. 73	4,654.7	3.667894
					308	36	08.7	128	40	56.0	Curve	4,992.9	3.698354
Monument No. 75		66	18	39.598	180	00	25.3	0	00	25.4	Monument No. 73	11,662.9	4.066806
1912	d.m.	140	59	55.503	180	00	23.8	0	00	23.8	Monument No. 74	7,008.2	3.845604
					225	04	17.2	45	09	04.5	Curve	5,512.4	3.741344
Monument No. 76		66	15	01.701	164	46	08.6	344	43	57.6	Prow	6,779.5	3.831199
1912	d.m.	140	59	55.571	180	00	25.2	0	00	25.3	Monument No. 75	6,749.6	3.829280
Monument No. 77 (J_1 of the Boundary)		66	14	00.480	26	42	54.9	206	32	00.8	Tom	20,006.4	4.301168
1910; r. 1912	d.m.	140	59	55.590	82	26	21.4	262	15	18.3	Low	9,139.1	3.960902
					149	58	23.7	329	48	41.5	Igloo	15,804.4	4.198777
					168	04	56.8	348	02	45.8	Prow	8,623.7	3.935692
					180	00	25.2	0	00	25.4	Monument No. 73	20,308.9	4.307687
					180	00	25.2	0	00	25.2	Monument No. 76	1,896.4	3.277927
Monument No. 78		66	10	45.803	13	55	44.7	193	50	51.8	Blue	16,762.5	4.224338
1912	d.m.	140	59	55.630	29	00	35.3	208	57	23.7	N.E.	5,417.7	3.733814
					180	00	17.6	0	00	17.6	Monument No. 77	6,030.3	3.780340

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STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 79		66	09	58.324	38	48	10.7	218	44	59.3	N.E.	4,192.5	3.622477
1912	d.m.	140	59	55.640	180	00	17.6	0	00	17.6	Monument No. 78	1,470.7	3.167525
Monument No. 80		66	07	37.781	180	00	17.6	0	00	17.6	Monument No. 79	4,353.4	3.638832
1912	d.m.	140	59	55.669	329	06	40.1	149	08	51.2	Stripe	3,508.6	3.545128
Monument No. 81		66	04	42.692	180	00	17.6	0	00	17.6	Monument No. 80	5,423.5	3.734280
1912	d.m.	140	59	55.706									
I_1 of the Boundary		66	04	42.495	38	48	32.0	218	43	39.3	Blue	6,436.8	3.808671
1910; r. 1912	n.d.	140	59	55.706	150	36	32.6	330	25	29.8	Low	18,457.2	4.266165
					180	00	17.6	0	00	17.6	Monument No. 77	17,284.1	4.237646
					180	00	17.6	0	00	17.6	Monument No. 78	11,253.8	4.051298
					180	00	17.6	0	00	17.6	Monument No. 80	5,429.6	3.734770
					180	00	17.6	0	00	17.6	Monument No. 81	6.12	0.786563
					183	17	29.1	3	18	44.3	Fishing	17,907.8	4.253042
					216	40	55.1	36	43	06.2	Stripe	3,016.0	3.479429
					346	37	40.7	166	42	46.1	Kandik	18,292.4	4.262270
Monument No. 82		66	03	15.147	180	00	49.1	0	00	49.1	I_1 of the Boundary	2,705.6	3.432270
1912	d.m.	140	59	55.757									
Far of the Boundary		66	03	14.562	60	23	30.7	240	18	38.0	Blue	4,639.2	3.666446
1910; r. 1912	n.d.	140	59	55.757	180	00	49.1	0	00	49.1	I_1 of the Boundary	2,723.7	3.435167
					199	18	51.9	19	21	03.0	Stripe	5,449.1	3.736328
					344	19	10.5	164	24	15.9	Kandik	15,655.3	4.194662
					180	00	49.1	0	00	49.1	Monument No. 82	18.11	1.257802
Monument No. 83		66	00	22.345	180	00	09.1	0	00	09.1	Far of the Boundary	5,334.5	3.727092
1912	d.m.	140	59	55.776									
Dome of the Boundary		66	00	22.252	127	03	16.8	306	58	24.2	Blue	5,053.8	3.703617
1910; r. 1912	n.d.	140	59	55.776	180	00	09.1	0	00	09.1	Far of the Boundary	5,337.4	3.727328
					180	00	09.1	0	00	09.1	Monument No. 83	2.90	0.461739
					189	45	34.1	9	47	45.2	Stripe	10,633.7	4.026685
Monument No. 84		65	57	29.509	154	20	33.5	334	15	41.1	Blue	9,314.4	3.969156
1910; r. 1912	d.m.	140	59	55.791	180	00	07.5	0	00	07.6	Dome of the Boundary	5,350.7	3.728413
Monument No. 85 (Close of the Boundary)		65	55	23.530	105	50	28.0	285	36	16.9	Bench	12,243.1	4.087891
1910; r. 1912	d.m.	140	59	55.803	161	50	39.8	341	45	47.4	Blue	12,942.6	4.112021
					180	00	07.5	0	00	07.6	Dome of the Boundary	9,252.9	3.966279
					180	00	07.5	0	00	07.5	Monument No. 84	3,902.2	3.591310
					185	13	13.2	5	15	24.3	Stripe	19,814.9	4.296993
Monument No. 86		65	52	38.920	180	00	22.3	0	00	22.5	Close of the Boundary= Monument No. 85	5,098.8	3.707465
1910	d.m.	140	59	55.847									

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
H_1 of the Boundary 1910	n.d.	65 52 38.845 140 59 55.847	50 38 59.2 125 38 09.1 166 57 06.6 180 00 16.2 180 00 12.7 180 00 22.3 180 00 22.3 184 09 12.6	230 27 42.5 305 23 58.3 346 52 14.4 0 00 16.5 0 00 13.0 0 00 22.5 0 00 22.3 4 11 23.9	Fire Bench Blue I_1 of the Boundary Dome of the Boundary Close=Monument No. 85 Monument No. 86 Stripe	12,188.2 14,491.3 17,860.4 22,415.2 14,354.0 5,101.1 2.32 24,899.2	4.085941 4.161107 4.251892 4.350542 4.156973 3.707662 0.364830 4.396186
Monument No. 87 1910	d.m.	65 49 52.796 140 59 55.882	74 39 47.6 180 00 17.6	254 28 31.0 0 00 17.6	Fire H_1 of the Boundary	9,772.6 5,143.3	3.990008 3.711242
Monument No. 88 1910	d.m.	65 46 27.692 140 59 55.924	180 00 17.6	0 00 17.6	Monument No. 87	6,352.9	3.802975
Skip of the Boundary 1910	n.d.	65 46 27.564 140 59 55.924	30 34 10.4 180 00 17.6 180 00 17.6 278 21 48.1 306 38 58.7	210 26 01.3 0 00 17.6 0 00 17.6 98 30 50.9 126 44 56.5	Change H_1 of the Boundary Monument No. 88 Seal Diablo	13,479.5 11,500.2 3.98 7,657.2 6,232.1	4.129673 4.060706 0.599626 3.884070 3.794637
Monument No. 89 1910	d.m.	65 44 05.543 140 59 55.952	3 02 35.8 180 00 16.6	183 01 39.7 0 00 16.6	Union Skip of the Boundary	14,874.6 4,399.3	4.172445 3.643383
Monument No. 90 1910	d.m.	65 41 24.735 140 59 55.983	4 34 15.2 72 00 30.0 180 00 16.6	184 33 19.1 251 52 21.1 0 00 16.6	Union Change Monument No. 89	9,904.2 7,207.1 4,980.6	3.995821 3.857760 3.697280
Horse of the Boundary 1910	n.d.	65 37 48.541 140 59 56.026	13 56 44.1 123 06 44.0 180 00 16.6 255 54 20.2 180 00 16.6	193 55 48.0 302 58 35.2 0 00 16.6 76 06 09.2 0 00 16.6	Union Change Skip of the Boundary Scratch Monument No. 90	3,272.8 8,183.0 16,076.2 10,260.3 6,696.4	3.514925 3.912915 4.206184 4.011159 3.825839
Monument No. 91 1910	d.m.	65 37 48.479 140 59 56.026	180 00 27.9	0 00 27.9	Horse of the Boundary	1.91	0.279896
G_1 of the Boundary 1910	n.d.	65 35 03.419 140 59 56.080	144 26 00.5 157 52 17.9 180 00 19.3 180 00 27.8 180 00 27.8 232 35 07.3 282 14 22.5 325 06 56.7	324 17 51.9 337 51 21.9 0 00 19.4 0 00 27.9 0 00 27.9 52 46 56.3 102 28 41.2 145 17 40.3	Change Union Skip of the Boundary Horse of the Boundary Monument No. 91 Scratch Comet Lost	11,782.8 2,092.1 21,190.6 5,114.4 5,112.5 12,530.0 12,380.8 15,917.6	4.071249 3.320586 4.326143 3.708794 3.708632 4.097952 4.092748 4.201878
Monument No. 92 1910	d.m.	65 35 03.272 140 59 56.080	180 00 18.8	0 00 18.8	G_1 of the Boundary	4.54	0.657202

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STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 93		65	32	27.191	154	35	10.8	334	27	02.3	Change	15,968.8	4.203272
1910	d.m.	140	59	56.114	180	00	18.8	0	00	18.8	G_1 of the Boundary	4,838.9	3.684748
					180	00	18.8	0	00	18.8	Monument No. 92	4,834.4	3.684341
					218	38	04.6	38	49	53.5	Scratch	15,940.6	4.202504
					312	04	24.1	132	15	07.6	Lost	12,264.8	4.088662
Arden of the Boundary		65	31	55.544	14	33	14.3	194	30	49.9	Yellow	8,137.3	3.910480
1910	n.d.	140	59	56.121	180	00	18.8	0	00	18.8	G_1 of the Boundary	5,819.1	3.764858
					180	00	18.8	0	00	18.8	Monument No. 92	5,814.6	3.764518
					180	00	18.8	0	00	18.8	Monument No. 93	980.21	2.991317
					308	29	11.3	128	39	54.8	Lost	11,630.9	4.065613
Monument No. 94		65	29	38.787	179	59	56.2	359	59	56.2	Arden of the Boundary	4,235.8	3.626936
1910	d.m.	140	59	56.115									
D'Arcy of the Boundary		65	29	38.685	8	48	23.5	188	45	25.3	Casca	16,556.5	4.218968
1910; r. 1912	n.d.	140	59	56.115	29	20	44.2	209	18	19.8	Yellow	4,172.6	3.620412
					156	06	14.5	336	02	14.3	Halley	8,358.6	3.922132
					179	59	56.2	359	59	56.2	Arden of the Boundary	4,239.0	3.627261
					179	59	56.2	359	59	56.2	Monument No. 94	3.17	0.501049
Monument No. 95		65	26	50.945	180	00	14.1	0	00	14.1	D'Arcy of the Boundary	5,195.4	3.715622
1912	d.m.	140	59	56.142	356	13	43.7	176	14	06.0	N. F.	4,846.3	3.685407
Monument No. 96		65	24	07.840	169	17	05.0	349	13	04.8	Halley	18,206.8	4.260234
1910	d.m.	140	59	56.169	180	00	14.1	0	00	14.1	D'Arcy of the Boundary	10,247.2	4.010607
					180	00	14.1	0	00	14.1	Monument No. 95	5,051.8	3.703446
F_1 of the Boundary		65	21	26.705	66	05	30.3	246	02	32.2	Casca	2,771.5	3.442720
1910; r. 1912	n.d.	140	59	56.195	170	00	28.6	349	58	04.2	Yellow	11,779.5	4.071127
					180	00	12.1	0	00	12.1	G_1 of the Boundary	25,296.1	4.403054
					180	00	10.1	0	00	10.1	Arden of the Boundary	19,477.0	4.289522
					180	00	14.1	0	00	14.1	D'Arcy of the Boundary	15,238.0	4.182929
					180	00	14.1	0	00	14.1	Monument No. 95	10,042.6	4.001846
					180	00	14.1	0	00	14.1	Monument No. 96	4,990.8	3.698170
					183	30	38.4	3	31	00.7	N. F.	5,216.6	3.717389
					301	39	27.0	121	45	15.4	Lime	5,828.5	3.765558
					338	43	50.5	158	48	21.8	View N. E.	10,679.5	4.028552
Monument No. 97		65	21	26.646	180	00	06.7	0	00	06.7	F_1 of the Boundary	1.83	0.263167
1910	d.m.	140	59	56.195									
Monument No. 98		65	20	12.664	114	47	12.6	294	44	14.5	Casca	2,790.8	3.445721
1910	d.m.	140	59	56.201	180	00	06.7	0	00	06.7	F_1 of the Boundary	2,293.2	3.360448
					180	00	06.7	0	00	06.7	Monument No. 97	2,291.4	3.360101

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
	° ′ ″	° ′ ″	° ′ ″			
Monument No. 99 (E_1 of the Boundary) 1909; r. 1910 d.m.	65 16 15.984 140 59 56.219	15 17 56.4	195 14 00.1	Pack	12,846.4	4.108780
		180 00 06.7	0 00 06.7	F_1 of the Boundary	9,623.8	3.983345
		180 00 06.7	0 00 06.7	Monument No. 98	7,330.5	3.865136
		326 09 43.8	146 14 54.8	Grub	7,997.8	3.902972
		352 05 18.0	172 07 15.0	Back	12,197.0	4.086253
Monument No. 100 1909 d.m.	65 12 15.847 140 59 56.243	40 30 14.6	220 29 07.4	West	1,483.8	3.171365
		180 00 08.6	0 00 08.6	Monument No. 99	7,437.5	3.871429
		289 12 53.6	109 14 06.2	East	1,101.2	3.041857
		356 58 12.6	176 58 15.2	Talus	696.1	2.842644
Monument No. 101 1909 d.m.	65 09 36.819 140 59 56.264	29 04 40.2	208 59 03.3	Hi Yu	9,984.7	3.999337
		180 00 11.4	0 00 11.4	Monument No. 100	4,925.4	3.692440
		260 28 00.2	80 29 57.2	Back	1,703.0	3.231208
D_1 of the Boundary 1909 n.d.	65 06 43.891 140 59 56.279	3 33 35.8	183 33 10.1	Squaw	5,977.3	3.776505
		55 12 58.8	235 07 21.9	Hi Yu	5,908.0	3.771444
		179 46 56.7	359 46 54.7	Slide	8,112.9	3.909177
		180 00 09.1	0 00 09.2	E_1 of the Boundary	17,718.8	4.248434
		180 00 07.7	0 00 07.7	Monument No. 101	5,355.8	3.728828
		196 35 23.9	16 37 20.9	Back	5,882.8	3.769583
		285 15 25.5	105 22 02.2	Barney	5,919.2	3.772260
Monument No. 102 1909 d.m.	65 05 17.631 140 59 56.286	81 48 15.8	261 42 39.0	Hi Yu	4,902.3	3.690402
		180 00 07.1	0 00 07.2	D_1 of the Boundary	2,671.6	3.426769
		205 03 46.2	25 05 59.9	Game	4,535.0	3.656577
		258 57 43.5	79 04 20.2	Barney	5,818.3	3.764794
C_1 of the Boundary 1909 n.d.	65 03 41.657 140 59 56.296	115 06 24.9	295 00 48.1	Hi Yu	5,358.4	3.729035
		180 00 08.3	0 00 08.3	D_1 of the Boundary	5,644.0	3.751590
		180 00 09.0	0 00 09.0	Monument No. 102	2,972.5	3.473116
		188 28 08.8	8 30 05.8	Back	11,406.3	4.057145
		317 03 07.2	137 09 36.8	Castle	8,264.1	3.917195
		359 46 58.5	179 47 02.7	Hug	16,150.5	4.208187
Monument No. 103 1909 d.m.	65 01 53.606 140 59 56.308	17 33 26.1	197 30 14.4	Chief	9,204.9	3.964018
		180 00 09.1	0 00 09.1	C_1 of the Boundary	3,346.5	3.524590
		295 38 22.6	115 44 52.2	Castle	6,245.8	3.795585
		359 43 31.9	179 43 36.1	Hug	12,804.1	4.107349
Monument No. 104 1909 d.m.	64 59 31.318 140 59 56.324	134 30 12.7	314 25 41.1	Red	5,498.4	3.740235
		183 24 46.1	3 24 55.7	Pinnacle	2,328.4	3.367057
		180 00 09.7	0 00 09.7	Monument No. 103	4,406.8	3.644124
Monument No. 105 1909 d.m.	64 55 01.668 140 59 56.351	180 00 08.9	0 00 08.9	Monument No. 104	8,351.3	3.921755

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
		° ′ ″	° ′ ″	° ′ ″			
B_1 of the Boundary		64 55 01.619	54 51 59.1	234 41 47.9	Bush	10,875.1	4.036432
1909	n.d.	140 59 56.351	87 56 45.6	267 46 15.0	Strata	9,160.7	3.961928
			125 07 44.6	304 57 43.5	Crow	10,644.6	4.027131
			145 07 37.6	325 04 26.1	Chief	4,855.5	3.686233
			180 00 09.2	0 00 09.4	C_1 of the Boundary	16,106.2	4.206992
			180 00 08.9	0 00 08.9	Monument No. 104	8,352.8	3.921834
			180 00 08.9	0 00 08.9	Monument No. 105	1.52	0.182986
			209 14 46.1	29 21 15.7	Castle	11,526.3	4.061691
Monument No. 106		64 52 04.544	53 38 44.2	233 27 37.7	Eagle Peak	12,070.7	4.081732
1909	d.m.	140 59 56.369	85 01 26.7	264 51 15.6	Bush	8,927.2	3.950714
			143 08 03.3	322 58 02.9	Crow	14,510.8	4.161690
			163 39 31.6	343 36 20.2	Chief	9,866.2	3.994151
			180 00 08.5	0 00 08.5	B_1 of the Boundary	5,484.1	3.739107
			180 39 15.9	0 39 20.2	Hug	5,440.2	3.735612
Monument No. 107		64 50 16.843	68 32 55.4	248 21 49.0	Eagle Peak	10,444.7	4.018894
1909	d.m.	140 59 56.382	180 00 10.4	0 00 10.4	Monument No. 106	3,335.5	3.523164
			316 27 45.3	136 30 18.3	Lone	3,237.2	3.510174
Monument No. 108		64 47 59.311	92 35 22.9	272 24 16.6	Eagle Peak	9,730.9	3.988153
1909	d.m.	140 59 56.394	127 29 10.3	307 18 59.3	Bush	11,207.6	4.049511
			180 00 08.5	0 00 08.5	Monument No. 107	4,259.4	3.629348
			199 44 36.6	19 47 15.5	Blow	6,848.1	3.835570
Monument No. 109		64 45 35.434	180 00 08.4	0 00 08.4	Monument No. 108	4,455.9	3.648936
1909; r. 1964	d.m.	140 59 56.408					
A_1 of the Boundary		64 45 35.398	67 55 00.0	247 45 00.7	Nut	9,466.6	3.976193
1909	n.d.	140 59 56.408	116 44 09.4	296 33 03.2	Eagle Peak	10,884.5	4.036807
			134 03 19.8	313 59 36.5	Birch	4,536.7	3.656743
			141 44 32.2	321 34 21.4	Bush	14,362.1	4.157218
			180 00 08.8	0 00 08.8	B_1 of the Boundary	17,536.1	4.243932
			180 00 08.4	0 00 08.4	Monument No. 107	8,716.4	3.940338
			180 00 08.4	0 00 08.4	Monument No. 108	4,457.0	3.649046
			180 00 08.4	0 00 08.4	Monument No. 109	1.13	0.052218
			199 17 49.3	19 20 22.3	Lone	6,748.8	3.829228
Monument No. 110		64 42 37.661	136 56 14.2	316 45 08.1	Eagle Peak	14,236.4	4.153399
1909; r. 1946, 1964	d.m.	140 59 56.425	159 22 06.9	339 18 23.6	Birch	9,252.5	3.966261
			180 00 08.3	0 00 08.3	A_1 of the Boundary	5,504.5	3.740718
Monument No. 111		64 41 08.809	83 36 38.7	263 35 10.0	Yukon River, West Base	1,309.0	3.116950
1907; r. 1946, 1964	d.m.	140 59 56.439	345 16 35.0	165 16 44.8	Yukon River, East Base	564.4	2.751563
Bald of the Boundary		64 40 53.587	179 59 51.0	359 59 51.0	Monument No. 111	471.4	2.673392
1907	n.d.	140 59 56.437					

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
	° ′ ″	° ′ ″	° ′ ″			
Monument No. 112-36 1907;moved 1936; r. 1964 d.m.	64 40 53.039 140 59 56.437	179 59 51.0	359 59 51.0	Bald of the Boundary	16.98	1.229938
Crossing 1907 n.d.	64 40 52.467 140 59 56.437	105 29 08.7	285 27 40.0	Yukon River,West Base	1,349.9	3.130310
		128 18 06.0	308 14 13.3	Yukon	4,345.4	3.638031
		179 59 51.0	359 59 51.0	Monument No. 111	506.1	2.704239
		179 59 51.0	359 59 51.0	Bald of the Boundary	34.7	1.540329
		179 59 51.0	359 59 51.0	Monument No. 112-36	17.72	1.248463
		205 24 28.8	25 25 14.9	Knoll	1,574.1	3.197022
		285 29 10.4	105 29 20.2	Yukon River,East Base	148.8	2.172659
		313 41 43.1	133 45 10.1	Loop	4,204.2	3.623687

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
C of the Boundary 1907	n.d.	64 39 45.133 140 59 56.444	180 00 08.5 189 15 09.9 202 51 10.2 285 04 48.3	0 00 08.5 9 17 01.2 22 52 59.8 105 08 15.3	Crossing Hog Pete Loop	2,085.3 10,118.7 4,138.3 3,148.3	3.319170 4.005124 3.616824 3.498072
Monument No. 113 1907; r. 1946, 1964	d.m.	64 39 30.939 140 59 56.445	180 00 07.6 277 06 57.2	0 00 07.6 97 10 24.2	C of the Boundary Loop	439.6 3,063.5	2.643047 3.486213
Monument No. 114=D of the Boundary 1907; r. 1964	d.m.	64 37 53.777 140 59 56.453	180 00 07.6 180 00 07.6 185 32 51.1 229 08 25.2 333 29 44.6	0 00 07.6 0 00 07.6 5 33 37.1 49 11 52.2 153 34 33.6	C of the Boundary Monument No. 113 Knoll Loop Table	3,448.6 3,009.1 6,988.5 4,019.5 9,552.2	3.537649 3.478431 3.844384 3.604168 3.980105
Monument No. 114A 1913	d.m.	64 36 23.719 140 59 56.460	180 00 06.8 323 29 29.9	0 00 06.8 143 34 18.9	Monument No. 114 Table	2,789.1 7,165.3	3.445458 3.855234
Monument No. 115=E of the Boundary 1907	d.m.	64 33 41.828 140 59 56.473	12 20 56.2 95 06 10.8 169 49 55.4 180 00 06.8 180 00 06.8 196 14 51.1 279 55 14.3	192 18 36.9 275 00 41.8 349 48 26.9 0 00 06.8 0 00 06.8 16 18 18.1 100 00 03.3	Liberty Slope Trail Monument No. 114 Monument No. 114A Loop Table	9,639.8 4,871.0 7,381.7 7,802.7 5,013.6 10,866.2 4,327.8	3.984067 3.687621 3.868157 3.892245 3.700153 4.036079 3.636267
Monument No. 115A 1913	d.m.	64 32 35.852 140 59 56.481	15 37 11.9 180 00 10.8	195 34 52.7 0 00 10.9	Liberty Monument No. 115	7,656.3 2,043.2	3.884019 3.310313
Monument No. 116 1907	d.m.	64 29 34.557 140 59 56.503	15 31 32.1 49 31 21.9 180 00 10.8 180 00 10.8	195 29 39.1 229 29 02.7 0 00 10.9 0 00 10.8	Fortymile Dome Liberty Monument No. 115 Monument No. 115A	6,261.0 2,709.7 7,657.7 5,614.5	3.796644 3.432929 3.884100 3.749312
Monument No. 117 1907	d.m.	64 28 18.435 140 59 56.404	179 59 40.9 204 41 35.3 246 47 14.0	359 59 40.8 24 46 24.1 66 53 35.7	Monument No. 115 Table Woody	10,015.1 10,202.5 6,144.6	4.000657 4.008705 3.788492
Monument No. 118=F of the Boundary 1907	d.m.	64 25 23.117 140 59 56.508	136 18 36.7 161 07 20.6 180 00 06.3 259 22 12.8	316 16 43.7 341 05 01.4 0 00 06.3 79 25 49.8	Fortymile Dome Liberty Monument No. 115 Bare	2,426.1 6,370.4 15,444.5 3,275.5	3.384902 3.804169 4.188775 3.515284
Monument No. 118A 1907; r. 1913	d.m.	64 22 23.172 140 59 56.493	167 06 55.1 179 59 52.4 207 31 36.8 278 11 43.1	347 05 02.1 359 59 52.4 27 35 13.7 98 15 23.3	Fortymile Dome Monument No. 118 Bare John Bull	7,516.1 5,572.6 6,965.3 3,311.1	3.875993 3.746058 3.842942 3.519973

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STATION		LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
		° ′ ″	° ′ ″	° ′ ″			
Monument No. 119		64 21 16.801	169 52 17.7	349 50 24.7	Fortymile Dome	9,530.8	3.979129
1907	d.m.	140 59 56.491	179 59 53.9	359 59 53.9	Monument No. 118	7,628.0	3.882411
			201 21 26.7	21 25 03.6	Bare	8,839.2	3.946415
			244 12 44.9	64 16 25.1	John Bull	3,639.7	3.561070
Monument No. 120		64 20 25.127	171 19 20.2	351 17 27.3	Fortymile Dome	11,109.7	4.045703
1913	d.m.	140 59 56.480	179 59 40.7	359 59 40.7	Monument No. 119	1,600.3	3.204192
			225 49 42.9	45 53 23.2	John Bull	4,569.0	3.659817
Monument No. 121		64 18 55.858	63 34 59.6	243 30 46.9	River	4,211.1	3.624394
1907	d.m.	140 59 56.550	180 00 09.6	0 00 09.8	Monument No. 118	11,992.8	4.078919
Monument No. 122		64 18 21.730	77 46 56.4	257 42 43.7	River	3,858.7	3.586444
1907	d.m.	140 59 56.554	180 00 09.6	0 00 09.8	Monument No. 118	13,049.7	4.115599
			310 13 54.0	130 19 53.0	Moose	7,028.0	3.846830
Monument No. 123		64 16 31.381	124 35 27.5	304 31 14.8	River	4,581.0	3.660956
1907	d.m.	140 59 56.566	180 00 09.6	0 00 09.8	Monument No. 118	16,466.9	4.216612
			281 48 37.1	101 54 36.1	Moose	5,481.7	3.738912
			180 00 09.6	0 00 09.6	Monument No. 122	3,417.3	3.533680
Monument No. 123A		64 14 28.592	180 00 09.6	0 00 09.8	Mon. No. 118=F of Bdry.	20,269.4	4.306842
1913	d.m.	140 59 56.579	180 00 09.6	0 00 09.6	Monument No. 123	3,802.5	3.580071
			192 58 42.6	13 02 22.9	John Bull	14,597.8	4.164286
Monument No. 124		64 12 25.467	85 27 02.5	265 21 32.3	Canyon	4,963.6	3.695801
1907	d.m.	140 59 56.592	159 44 26.2	399 40 13.6	River	10,889.8	4.037019
			180 00 09.6	0 00 09.8	Mon.No.118=F of Bdry.	24,082.4	4.381699
			180 00 09.6	0 00 09.6	Monument No. 121	12,089.6	4.082411
			180 00 09.6	0 00 09.6	Monument No. 122	11,032.7	4.042682
			180 00 09.6	0 00 09.6	Monument No. 123	7,615.4	3.881693
			180 00 09.6	0 00 09.6	Monument No. 123A	3,812.9	3.581255
R6 of the Boundary		64 10 00.648	129 35 04.5	309 29 34.5	Canyon	6,420.1	3.807543
1907	n.d.	140 59 56.601	205 45 17.5	25 47 25.4	Baldy	4,412.6	3.644692
			326 03 04.5	146 09 24.5	Gold	10,245.1	4.010515
			342 34 11.5	162 36 35.2	Marmot	7,218.5	3.858450
Monument No. 125		64 08 53.207	180 00 11.2	0 00 11.2	R6 of the Boundary	2,088.5	3.319828
1907	d.m.	140 59 56.609	197 33 02.8	17 35 10.7	Baldy	6,358.7	3.803368
Monument No. 125A		64 06 56.898	28 33 20.9	208 30 45.3	Walker	4,902.6	3.690425
1913; r. 1964	d.m.	140 59 56.624	180 00 11.2	0 00 11.2	Monument No. 125	3,601.8	3.556517
			180 00 11.2	0 00 11.2	R6 of the Boundary	5,690.2	3.755131

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 126=G of the Boundary	64 05 12.427	65 26 14.3	245 23 38.7	Walker	2,576.5	3.411028
1907; r. 1964 d.m.	140 59 56.637	108 49 15.1	288 41 02.5	Baby	7,832.6	3.893905
		159 11 19.4	339 05 49.5	Canyon	13,925.0	4.143794
		180 00 11.2	0 00 11.2	R6 of the Boundary	8,925.4	3.950629
		180 00 11.2	0 00 11.2	Monument No. 125	6,837.0	3.834863
		180 00 11.2	0 00 11.2	Monument No. 125A	3,235.2	3.509899
		188 27 23.2	8 29 31.1	Baldy	13,041.5	4.115326
		226 41 46.8	46 44 10.5	Marmot	2,971.9	3.473037
Monument No. 126A	64 04 20.686	9 04 07.0	189 02 54.3	Ptarmigan	6,968.7	3.843151
1913 ; r. 1964 d.m.	140 59 56.640	180 00 07.9	0 00 07.9	Mon.No.126=G of Bdry.	1,602.3	3.204738
		345 21 40.7	165 23 20.2	Miller	5,947.9	3.774362
Monument No. 127=H of the Boundary	64 01 11.353	47 09 15.1	227 08 02.4	Ptarmigan	1,497.8	3.175451
1907 d.m.	140 59 56.657	143 25 37.9	323 17 25.4	Baby	12,442.0	4.094891
		180 00 07.9	0 00 07.9	Mon.No.126=G of Bdry.	7,465.3	3.873049
		180 00 07.9	0 00 07.9	Monument No. 126A	5,863.0	3.768123
		215 56 38.4	36 02 58.1	Gold	9,748.2	3.988925
		346 57 00.3	166 58 27.5	Bedrock	5,847.9	3.767003
Monument No. 128	63 58 20.546	24 10 56.5	204 02 21.5	Divide	19,154.9	4.282279
1913 d.m.	140 59 56.685	180 00 14.7	0 00 14.7	Mon.No.127=H of Bdry.	5,289.3	3.723400
		353 27 22.7	173 29 06.2	Crag	13,818.8	4.140469
Monument No. 129=Asa of the Boundary	63 55 55.186	180 00 14.7	0 00 14.7	Mon.No.127=H of Bdry.	9,790.6	3.990811
1907 d.m.	140 59 56.708	180 00 14.7	0 00 14.7	Monument No. 128	4,501.3	3.653340
		197 53 10.7	17 54 37.9	Bedrock	4,301.6	3.633634
		350 18 46.8	170 20 30.3	Crag	9,360.9	3.971317
Monument No. 130	63 54 31.475	180 00 19.4	0 00 19.5	Mon.No.129=Asa of Bdry.	2,592.2	3.413663
1913 d.m.	140 59 56.726	313 42 09.9	133 42 42.8	Sixty	691.7	2.839930
		346 38 38.2	166 40 21.7	Crag	6,819.7	3.833766
Monument No. 131	63 54 26.902	103 17 09.9	283 14 29.7	Sixtymile River, East Base	2,500.1	3.397958
1913 d.m.	140 59 56.727	180 00 19.4	0 00 19.5	Mon.No.129=Asa of Bdry.	2,733.8	3.436760
		180 00 19.4	0 00 19.4	Monument No. 130	141.6	2.151044
		303 55 21.5	123 55 54.4	Sixty	602.7	2.780071
Monument No. 132	63 52 46.577	146 32 24.8	326 29 44.6	Sixtymile River, East Base	4,412.6	3.644695
1910 d.m.	140 59 56.748	180 00 19.4	0 00 19.5	Mon.No.129=Asa of Brdy.	5,840.5	3.766453
		180 00 19.4	0 00 19.4	Monument No. 130	3,248.4	3.511666
		180 00 19.4	0 00 19.4	Monument No. 131	3,106.8	3.492310
		187 34 42.3	7 36 09.6	Bedrock	10,021.8	4.000946
		335 03 03.2	155 04 46.8	Crag	3,735.5	3.572345

International boundary line 141st Meridian Boundary Monuments *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
I_1 of the Boundary		63	49	14.157	85	57	31.6	265	48	57.0	Divide	7,865.4	3.895723
1910	n.d.	140	59	56.741	179	59	56.6	359	59	56.5	Monument No. 132	6,577.8	3.818082
					184	34	34.0	4	36	01.2	Bedrock	16,564.9	4.219189
					206	16	42.1	26	18	25.5	Crag	3,558.7	3.551293
Monument No. 133 = I of the Boundary													
		63	49	11.486	50	23	40.1	230	15	28.4	Fred	9,750.4	3.989022
1908	d.m.	140	59	56.749	86	33	36.3	266	25	01.7	Divide	7,859.9	3.895419
					180	04	45.2	0	04	45.2	I_1 of the Boundary	82.7	1.917518
					321	34	42.6	141	39	02.5	Odell	6,385.1	3.805170
					332	54	38.1	153	03	18.5	Ladue	17,516.0	4.243435
Monument No. 134		63	46	40.260	180	00	12.0	0	00	12.0	Mon.No.133=I of the Boundary	4,682.9	3.670511
1910	d.m.	140	59	56.769	274	36	18.5	94	40	38.3	Odell	3,981.1	3.600004
Monument No. 135		63	45	05.000	132	23	20.8	312	14	46.3	Divide	10,622.1	4.026212
1910	d.m.	140	59	56.781	180	00	12.0	0	00	12.0	Mon.No.133 = I of the Boundary	7,632.6	3.882675
					180	00	12.0	0	00	12.0	Monument No. 134	2,949.8	3.469791
					236	27	53.3	56	32	13.1	Odell	4,760.9	3.677689
					314	56	44.9	135	05	25.1	Ladue	11,270.4	4.051938
J of the Boundary		63	41	52.484	148	53	33.0	328	52	06.4	Interior	2,567.9	3.409585
1908	n.d.	140	59	56.807	180	00	11.9	0	00	12.0	Mon.No.133 = I of the Boundary	13,594.0	4.133347
					180	00	11.9	0	00	12.0	Monument No. 134	8,911.1	3.949932
					180	00	11.9	0	00	12.0	Monument No. 135	5,961.3	3.775334
					284	04	40.6	104	13	20.8	Ladue	8,224.2	3.915096
					329	25	40.4	149	32	43.1	Ridge	12,784.2	4.106672
					335	40	27.0	155	52	20.0	Point	26,753.8	4.427386
Monument No. 136		63	41	50.895	180	00	12.7	0	00	12.7	J of the Boundary	49.22	1.692135
1910	d.m.	140	59	56.807									
Monument No. 137		63	39	24.278	52	03	32.4	231	55	03.5	Timber	9,932.6	3.997063
1910	d.m.	140	59	56.826	103	10	38.3	283	01	31.1	Round	8,623.0	3.935656
					180	00	12.7	0	00	12.7	J of the Boundary	4,591.1	3.661915
					180	00	12.7	0	00	12.7	Monument No. 136	4,541.9	3.657234
Monument No. 138		63	36	54.560	128	10	44.7	308	01	37.6	Round	10,680.3	4.028585
1910	d.m.	140	59	56.847	180	00	12.7	0	00	12.7	J of the Boundary	9,227.1	3.965065
					180	00	12.7	0	00	12.7	Monument No. 137	4,636.0	3.666145
					227	50	08.0	47	58	48.0	Ladue	10,763.1	4.031936
Monument No. 139		63	34	35.234	180	00	12.7	0	00	12.7	Monument No. 138	4,312.5	3.634724
1910	d.m.	140	59	56.867	270	38	10.6	90	49	03.9	Edward	10,065.7	4.002843
Monument No. 140		63	33	23.621	180	00	12.7	0	00	12.7	Monument No. 139	2,217.5	3.345861
1910	d.m.	140	59	56.877	233	51	20.1	53	58	22.6	Ridge	8,053.3	3.905972
					308	02	03.0	128	13	55.6	Point	13,993.0	4.145912
Monument No. 141		63	31	07.074	56	50	37.7	236	43	21.7	Summit	8,057.2	3.906184
1910	d.m.	140	59	56.895	180	00	12.7	0	00	12.7	Monument No. 140	4,228.1	3.626150

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
	° ′ ″	° ′ ″	° ′ ″			
Monument No. 142 = K of the Boundary						
1908 d.m.	63 28 08.710	14 27 56.7	194 23 03.5	Oh Ti	18,283.6	4.262062
	140 59 56.920	99 23 49.4	279 16 33.5	Summit	6,836.8	3.834850
		180 00 12.7	0 00 12.7	J of the Boundary	25,508.1	4.406678
		180 00 12.7	0 00 12.7	Monument No. 139	11,968.6	4.078043
		180 00 12.7	0 00 12.7	Monument No. 140	9,751.1	3.989053
		180 00 12.7	0 00 12.7	Monument No. 141	5,522.9	3.742171
		220 19 46.2	40 30 39.2	Edward	15,553.2	4.191821
		241 00 19.8	61 12 57.9	Victoria	13,388.1	4.126719
		264 08 55.6	84 20 47.9	Point	11,079.9	4.044534
		327 17 44.1	147 29 38.6	Fra-Wa-Pe	20,597.8	4.313820
Monument No. 143	63 25 18.956	20 08 51.2	200 03 58.1	Oh Ti	13,259.0	4.122510
1910 d.m.	140 59 56.945	180 00 13.8	0 00 13.8	Mon.No.142=K of Bdry.	5,256.3	3.720683
		224 54 48.5	45 07 26.4	Victoria	16,586.2	4.219746
Monument No. 144	63 22 46.782	180 00 13.8	0 00 13.8	Monument No. 143	4,711.9	3.673199
1910 d.m.	140 59 56.968	215 26 03.4	35 38 41.2	Victoria	20,199.1	4.305331
Monument No. 145	63 20 40.194	50 06 53.3	230 02 00.4	Oh Ti	5,950.9	3.774585
1910 d.m.	140 59 56.987	180 00 13.7	0 00 13.8	Mon.No.142=K of Bdry.	13,887.9	4.142638
		180 00 13.7	0 00 13.8	Monument No. 144	3,919.7	3.593250
Monument No. 146	63 17 43.470	180 00 13.7	0 00 13.8	Mon.No.142=K of Bdry.	19,360.0	4.286905
1910 d.m.	140 59 57.014	180 00 13.7	0 00 13.7	Monument No. 145	5,472.1	3.738151
		259 40 33.1	79 52 27.1	Fra-Wa-Pe	11,313.5	4.053598
		343 48 23.4	163 51 51.9	Brown	11,711.5	4.068613
Monument No. 147	63 16 06.320	180 00 13.7	0 00 13.7	Monument No. 146	3,008.1	3.478294
1910 d.m.	140 59 57.027					
Monument No. 147 ecc.	63 16 02.048	149 37 24.7	329 36 37.2	Hyacinth	1,466.7	3.166355
1910 n.d.	140 59 57.028	180 00 13.7	0 00 13.7	Monument No. 147	132.27	2.121456
		207 47 56.6	27 48 46.2	Howard	1,658.2	3.219644
Monument No. 148	63 13 31.153	154 15 29.1	334 10 36.3	Oh Ti	10,511.8	4.021676
1910 d.m.	140 59 57.050	172 52 57.6	352 52 10.1	Hyacinth	5,983.7	3.776971
		180 00 13.7	0 00 13.8	Mon.No.142=K of Bdry.	27,172.6	4.434131
		180 00 13.7	0 00 13.7	Monument No. 147 ecc.	4,672.2	3.669523
		180 00 13.7	0 00 13.7	Monument No. 147	4,804.5	3.681648
		180 00 13.7	0 00 13.7	Monument No. 146	7,812.6	3.892796
		187 10 57.7	7 11 47.3	Howard	6,187.6	3.791524
		228 31 19.0	48 43 12.8	Fra-Wa-Pe	14,856.8	4.171926
		316 25 58.5	136 29 26.9	Brown	4,739.7	3.675755
Monument No. 149	63 10 49.793	180 00 13.7	0 00 13.7	Monument No. 148	4,996.2	3.698644
1910 d.m.	140 59 57.074					

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
L of the Boundary 1908 n.d.	63 10 49.762 140 59 57.074	38 58 02.1 123 19 11.1 162 29 07.0 180 00 13.7 180 00 13.7 180 00 13.7 180 00 13.7	218 46 52.5 303 09 09.5 342 24 14.3 0 00 13.8 0 00 13.7 0 00 13.7 0 00 13.7	Flat Bump Oh Ti Mon.No.142=K of Bdry. Monument No. 145 Monument No. 148 Monument No. 149	16,766.4 11,260.8 15,169.0 32,169.8 18,281.8 4,997.2 0.94	4.224440 4.051568 4.180958 4.507448 4.262020 3.698726 9.975378-10
M of the Boundary 1908 n.d.	63 09 42.124 140 59 57.082	43 56 21.6 131 20 46.0 180 00 10.2	223 45 12.1 311 10 44.5 0 00 10.3	Flat Bump L of the Boundary	15,195.2 12,533.9 2,094.3	4.181707 4.098086 3.321040
Monument No. 150 = M_1 of the Boundary 1908 d.m.	63 09 37.561 140 59 57.081	44 18 41.4 131 49 38.2 180 00 08.7 345 03 24.1 354 14 14.8	224 07 31.9 311 39 36.7 0 00 08.8 165 06 18.5 174 17 10.3	Flat Bump L of the Boundary Moosehorn Wienerwurst	15,093.8 12,627.7 2,235.6 10,647.9 27,685.5	4.178799 4.101323 3.349388 4.027262 4.442252
Monument No. 151 1910 d.m.	63 07 36.103 140 59 57.103	56 16 11.5 180 00 17.5 337 10 58.6	236 05 02.1 0 00 17.5 157 13 53.0	Flat Mon.No.150=M_1 of Bdry. Moosehorn	12,677.7 3,760.7 7,081.2	4.103042 3.575269 3.850105
Monument No. 152 1910 d.m.	63 04 41.904 140 59 57.137	81 07 35.5 180 00 17.4 180 00 17.4	260 56 26.3 0 00 17.5 0 00 17.5	Flat Mon.No.150=M_1 of Bdry. Monument No. 151	10,670.8 9,154.4 5,393.7	4.028199 3.961631 3.731888
Monument No. 153 = N of the Boundary 1908 d.m.	63 01 20.783 140 59 57.174	3 02 06.3 180 00 17.4 180 00 17.4 347 07 17.6	183 00 46.0 0 00 17.5 0 00 17.4 167 10 13.1	Scottie Mon.No.150=M_1 of Bdry. Monument No. 152 Wienerwurst	24,145.3 15,381.7 6,227.2 12,477.8	4.382832 4.187003 3.794295 4.096139
Monument No. 154 1910 d.m.	62 58 14.691 140 59 57.210	3 59 02.0 180 00 17.6 194 12 10.2	183 57 41.8 0 00 17.7 14 15 04.6	Scottie Mon.No.155=N of Bdry. Moosehorn	18,394.0 5,761.8 11,198.0	4.264676 3.760561 4.049139
Monument No. 155 1910 d.m.	62 55 30.785 140 59 57.241	5 29 49.2 180 00 17.6	185 28 29.0 0 00 17.6	Scottie Monument No. 154	13,336.0 5,074.9	4.125025 3.705425
Monument No. 156 1910 d.m.	62 52 59.195 140 59 57.269	8 27 54.1 180 00 17.6	188 26 33.9 0 00 17.6	Scottie Monument No. 155	8,675.6 4,693.5	3.938301 3.671501
Monument No. 157 ecc. 1910 n.d.	62 50 32.428 140 59 57.296	140 31 45.7 199 22 52.8	320 19 15.6 19 25 48.3	Sauerkraut Wienerwurst	18,677.1 8,385.7	4.271309 3.923537
Monument No. 157 1910 d.m.	62 50 32.179 140 59 57.296	180 00 17.5 180 00 17.5	0 00 17.5 0 00 17.6	Monument No. 157 ecc. Monument No. 156	7.71 4,551.9	0.887136 3.658189

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International boundary line 141st Meridian — Boundary Monuments — *State* Alaska — *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
0 of the Boundary		62	49	02.596	0	00	19.2	180	00	19.1	Mon.No.160=P of Bdry.	9,668.7	3.985367
1908	n.d.	140	59	57.313	45	28	18.7	225	26	58.6	Scottie	1,790.5	3.252980
					180	00	17.4	0	00	17.7	Mon.No.150=M_1 of Bdry.	38,237.4	4.582488
					180	00	17.5	0	00	17.7	Mon.No.153=N_1 of Bdry.	22,855.7	4.358995
					180	00	17.5	0	00	17.6	Monument No. 154	17,093.9	4.232841
					180	00	17.5	0	00	17.6	Monument No. 155	12,019.0	4.079869
					180	00	17.5	0	00	17.6	Monument No. 156	7,325.5	3.864837
					180	00	17.5	0	00	17.5	Monument No. 157 ecc.	2,781.3	3.444253
					180	00	17.5	0	00	17.5	Monument No. 157	2,773.6	3.443047
					185	37	01.8	5	39	56.2	Moosehorn	28,084.4	4.448466
					194	35	24.7	14	38	20.2	Wienerwurst	11,048.1	4.043286
Monument No. 158		62	49	02.489	180	00	19.2	0	00	19.2	0 of the Boundary	3.32	0.521442
1910	d.m.	140	59	57.313									
Monument No. 159		62	45	23.222	0	00	19.2	180	00	19.1	Mon.No.160=P of Bdry.	2,876.5	3.458871
1910	d.m.	140	59	57.357	53	10	38.8	233	00	40.2	Mirror	11,961.9	4.077800
					167	01	23.5	347	00	03.4	Scottie	5,681.6	3.754472
					180	00	19.2	0	00	19.2	0 of the Boundary	6,792.1	3.832006
					180	00	19.2	0	00	19.2	Monument No. 158	6,788.8	3.831794
					351	19	58.1	171	20	24.2	Starvation	2,800.6	3.447247
Line Tablet, 60-Mile Road		64	05	10.288	0	00	07.9	180	00	07.9	Monument No. 126A	1,536.0	3.186400
1964	d.m.	140	59	56.637	180	00	07.9	0	00	07.9	Monument No. 126	66.25	1.821186
Monument No. 163		62	35	11.881									
1913; r. 1964	d.m.	140	59	57.527	180	00	44.0	0	00	44.1	Monument No. 162	5,804.0	3.763730
Monument No. 164		62	34	02.740	179	59	31.1	359	59	31.1	Monument No. 163	2,140.6	3.330543
1909; r. 1964	d.m.	140	59	57.506									
Monument No. 162-A		62	36	58.155	180	00	44.1	0	00	44.1	Monument No. 162	2,513.7	3.400319
1964	d.m.	140	59	57.478									
Monument No. 162-B		62	36	54.908	0	00	14.7	180	00	14.7	Monument No. 164	5,330.4	3.726758
1964	d.m.	140	59	57.479	0	00	44.1	180	00	44.0	Monument No. 163	3,189.8	3.503760
					180	00	44.1	0	00	44.1	Monument No. 162-A	100.5	2.002296

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STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
	° ′ ″	° ′ ″	° ′ ″			
Monument No. 160 (P of the Boundary)	62 43 50.315	17 27 54.5	197 22 23.7	Airs	17,718.3	4.248422
Alaska-Yukon 1908;r.1964 d.m.	140 59 57.376	152 52 42.1	332 50 35.9	Mick	4,420.5	3.645471
		171 22 42.7	351 21 22.7	Scottie	8,509.2	3.929889
		255 39 39.7	75 40 06.2	Starvation (computed)	435.9	2.639378
		340 09 24.0	160 16 39.9	Dave	20,656.0	4.315047
Monument No. 161 (Q of the Boundary)	62 40 34.772	26 06 46.9	206 01 16.2	Airs	12,080.3	4.082079
Alaska-Yukon 1908;r.1964 d.m.	140 59 57.420	180 00 21.3	0 00 21.3	Mon.160(P of the Bdry.)	6,054.2	3.782058
		183 55 35.0	3 56 01.4	Starvation	6,176.7	3.790753
Monument No. 162	62 38 19.346	121 51 32.8	301 41 34.8	Mirror 2	11,274.4	4.052093
Alaska-Yukon 1908;1913;r.1943, 1946; r. 1964 d.m.	140 59 57.440	180 00 13.6	0 00 13.7	Mon.161(Q of the Bdry.)	4,192.9	3.622513
		182 20 25.5	2 20 52.0	Starvation	10,363.7	4.015514
Monument No. 163	62 35 11.881	39 02 46.9	219 01 24.1	Flag No. 7	2,115.5	3.325414
Alaska-Yukon 1913;r.1964 d.m.	140 59 57.527	180 00 27.7	0 00 27.7	Mon.160(P of the Bdry)	16,051.1	4.205505
		181 30 16.9	1 30 43.4	Starvation	16,164.6	4.208566
		188 36 42.1	8 39 14.5	Rupe	16,282.2	4.211714
R of the Boundary	62 34 03.562	27 18 50.6	207 10 39.1	Wellesley	17,328.0	4.238748
Alaska-Yukon 1909 n.d.	140 59 57.506	103 23 02.5	283 17 32.1	Airs	5,464.3	3.737532
		109 30 29.5	289 29 06.7	Flag No. 7	1,414.1	3.150495
		141 50 30.3	321 47 30.7	Flag No. 8	4,675.4	3.669817
		180 00 20.7	0 00 20.8	Mon.161(Q of the Bdry.)	12,112.1	4.083220
Monument No. 164	62 34 02,740	103 38 36.1	283 33 05.7	Airs (computed)	5,470.2	3.738004
Alaska-Yukon 1909;r.1964 d.m.	140 59 57.506	180 00 20.7	0 00 20.7	R of the Boundary	25.45	1.405702
		180 00 20.7	0 00 20.8	Mon.161(Q of the Bdry.)	12,137.6	4.084132
S of the Boundary	62 28 20.866	58 57 03.9	238 48 52.7	Wellesley	9,279.5	3.967523
Alaska-Yukon 1909 n.d.	140 59 57.594	155 53 20.0	335 47 49.8	Airs	13,009.8	4.114271
		180 00 24.4	0 00 24.5	R of the Boundary	10,609.9	4.025712
		216 53 18.9	37 00 34.4	Dave	11,686.2	4.067673
		342 31 01.4	162 39 49.8	Niggerhead (computed)	28,683.3	4.457629
Monument No. 165	62 31 26.861	0 00 24.1	180 00 24.1	S of the Boundary	5,758.4	3.760302
Alaska-Yukon 1910;r.1964 d.m.	140 59 57.547	139 00 30.8	318 55 00.5	Airs	8,103.2	3.908657
		180 00 24.9	0 00 24.9	R of the Boundary	4,851.5	3.685878
Monument No. 166	62 28 20.672	58 59 00.0	238 50 48.8	Wellesley (computed)	9,276.3	3.967376
Alaska-Yukon 1909 d.m.	140 59 57.594	180 00 24.4	0 00 24.4	S of the Boundary	6.096	0.785046
		180 00 24.4	0 00 24.5	R of the Boundary	10,616.0	4.025962
Monument No. 167	62 27 15.671	70 48 17.6	250 40 06.4	Wellesley	8,417.7	3.925192
Alaska-Yukon 1910 d.m.	140 59 57.613	180 00 28.2	0 00 28.2	S of the Boundary	2,018.5	3.305018

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GEOGRAPHIC POSITIONS—NORTH AMERICAN DATUM 1927

International boundary line 141st Meridian — Boundary Monuments — *State* Alaska — *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Monument No. 168	62 24 04.495	18 46 11.8	198 37 35.7	Baultoff	26,216.5	4.418574
Alaska-Yukon 1909 d.m.	140 59 57.661	111 37 27.4	291 29 16.4	Wellesley	8,550.8	3.932008
		180 00 24.9	0 00 24.9	S of the Boundary	7,937.2	3.899668
Monument No. 169	62 18 27.289	30 23 22.3	210 14 46.5	Baultoff	16,673.4	4.222023
Alaska-Yukon 1909 d.m.	140 59 57.730	180 00 21.6	0 00 21.6	S of the Boundary	18,376.9	4.264273
		316 10 46.8	136 19 34.8	Niggerhead	12,448.0	4.095101
Monument No. 170	62 13 26.705	58 57 03.6	238 48 28.1	Baultoff	9,843.0	3.993128
Alaska-Yukon 1909 d.m.	140 59 57.859	160 51 39.1	340 43 28.7	Wellesley	24,236.3	4.384466
		267 50 42.6	87 59 30.6	Niggerhead	8,627.0	3.935858
Monument No. 171	62 10 02.046	98 29 37.3	278 21 02.0	Baultoff	8,525.6	3.930723
Alaska-Yukon 1909 d.m.	140 59 57.910	164 47 39.7	344 39 29.5	Wellesley	30,293.2	4.481345
		232 18 47.4	52 27 35.3	Niggerhead	10,894.6	4.037212
Monument No. 172 (T of the Boundary)	62 07 42.689	51 01 41.1	230 51 53.7	Joe	12,421.8	4.094186
Alaska-Yukon 1909 d.m.	140 59 57.957	180 00 27.3	0 00 27.4	Monument No. 170	10,650.3	4.027361
		180 00 27.9	0 00 28.2	S of the Boundary	38,332.9	4.583572
		180 00 32.7	0 00 32.8	Monument No. 171	4,314.3	3.634908
		218 09 18.5	38 18 06.4	Niggerhead	13,956.6	4.144780
		301 05 45.6	121 12 32.8	Ed	7,806.8	3.892475
Monument No. 173	62 06 26.388	60 33 35.9	240 23 48.6	Joe	11,089.1	4.044895
Alaska-Yukon 1909 d.m.	140 59 57.975	180 00 23.2	0 00 23.2	Mon.No.172(T of Bdry.)	2,362.2	3.373312
U of the Boundary	62 04 14.341	81 58 08.2	261 48 21.0	Joe	9,752.3	3.989108
Alaska-Yukon 1909 n.d.	140 59 58.007	180 00 23.2	0 00 23.2	T	6,450.1	3.809567
		180 00 27.2	0 00 27.5	S	44,783.1	4.651114
		180 00 27.8	0 00 28.1	Monument No. 168	36,845.9	4.566389
		180 00 31.3	0 00 31.7	Monument No. 169	26,406.1	4.421705
		206 19 46.2	26 28 34.0	Niggerhead (computed)	19,441.7	4.288734
		250 06 57.8	70 13 44.9	Ed	7,109.6	3.851845
		319 26 13.0	139 27 30.8	Beaver	1,967.4	3.293886
Monument No. 174	62 04 14.308	0 00 26.4	180 00 26.4	V of the Boundary	1,714.2	3.234061
Alaska-Yukon 1909 d.m.	140 59 58.007	81 58 29.5	261 48 42.3	Joe	9,752.2	3.989101
		180 00 26.4	0 00 26.4	U of the Boundary	1.015	0.006460
V of the Boundary	62 03 18.936	92 05 30.9	271 55 43.7	Joe	9,662.9	3.985107
Alaska-Yukon 1909 n.d.	140 59 58.022	180 00 26.4	0 00 26.4	U of the Boundary	1,715.2	3.234318
		260 13 02.3	80 14 20.1	Beaver	1,298.4	3.113424
		313 30 19.5	133 38 32.1	Hump	11,199.7	4.049208
Monument No. 175	62 03 18.875	92 06 11.9	271 56 24.7	Joe	9,663.0	3.985110
Alaska-Yukon 1909 d.m.	140 59 58.022	180 00 26.4	0 00 26.4	V of the Boundary	1.92	0.283356
		180 00 26.4	0 00 26.4	U of the Boundary	1,717.1	3.234804
		260 08 01.8	80 09 19.6	Beaver	1,298.8	3.113534

International boundary line 141st Meridian Boundary Monuments *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 176		62	01	43.441	180	00	32.5	0	00	32.5	Monument No. 175	2,954.4	3.470472
Alaska-Yukon 1909	d.m.	140	59	58.054	201	56	42.2	21	58	00.0	Beaver	3,425.1	3.534678
					354	11	25.3	174	13	26.0	Rabbit	19,768.4	4.295971
Monument No. 176A		61	58	34.248	188	04	15.0	8	05	32.8	Beaver	9,124.4	3.960205
Alaska-Yukon 1913	d.m.	140	59	58.123	207	19	04.7	27	25	51.7	Ed	14,571.8	4.163514
Monument No. 177		61	57	56.092	74	54	24.9	254	43	16.3	Wi-Ki	11,445.6	4.058637
Alaska-Yukon 1909	d.m.	140	59	58.129	187	08	54.2	7	10	12.1	Beaver	10,295.2	4.012635
Monument No. 178		61	56	29.646	88	25	25.0	268	14	16.4	Wi-Ki	11,054.5	4.043538
Alaska-Yukon 1909	d.m.	140	59	58.160	143	26	59.8	323	17	13.0	Joe	16,211.7	4.209828
					180	00	29.8	0	00	30.0	Monument No. 176A	3,857.4	3.586292
					180	00	32.8	0	00	32.9	V of the Boundary	12,670.7	4.102802
					180	00	34.8	0	00	34.8	Monument No. 177	2,676.2	3.427515
					185	40	38.5	5	41	56.4	Beaver	12,954.9	4.112435
					348	37	23.2	168	39	24.0	Rabbit	10,151.9	4.006549
Monument No. 179		61	53	25.100	116	04	57.9	295	53	49.5	Wi-Ki	12,302.3	4.089986
Alaska-Yukon 1909	d.m.	140	59	58.219	152	44	27.8	332	34	41.3	Joe	21,077.2	4.323813
W of the Boundary		61	50	32.708	29	56	01.4	209	52	28.5	Cache	7,093.5	3.850863
Alaska-Yukon 1909	n.d.	140	59	58.283	77	53	10.7	257	51	31.1	Slide	1,639.1	3.227667
					107	48	57.4	287	44	10.8	Sheep	4,992.0	3.698277
					134	12	14.6	314	01	06.4	Wi-Ki	15,412.3	4.187868
					180	00	33.0	0	00	33.2	Monument No. 176	20,764.2	4.317316
					180	00	33.1	0	00	33.3	V of the Boundary	23,720.6	4.375125
					180	00	36.3	0	00	36.4	Monument No. 179	5,336.8	3.727280
					206	54	46.5	27	02	58.8	Hump	17,955.0	4.254186
					241	17	57.1	61	19	57.9	Rabbit	2,285.1	3.358909
					353	52	07.1	173	52	30.9	Center	3,697.0	3.567847
Monument No. 180		61	50	32.591	78	00	21.8	257	58	42.2	Slide	1,688.4	3.227473
Alaska-Yukon 1909	d.m.	140	59	58.283	180	00	29.9	0	00	29.9	W of the Boundary	3.606	0.557000
X of the Boundary		61	48	42.305	8	15	15.2	188	14	01.5	White River, West Base	8,557.1	3.932327
Alaska-Yukon 1909	n.d.	140	59	58.317	30	03	07.8	209	56	10.8	Traver	13,891.8	4.142758
					52	21	33.4	232	18	00.6	Cache	4,469.5	3.650255
					151	40	34.9	331	38	55.5	Slide	3,479.9	3.541566
					180	00	29.8	0	00	29.9	W of the Boundary	3,417.8	3.533741
					180	00	29.8	0	00	29.9	Monument No. 180	3,414.2	3.533283
					352	36	34.8	172	38	01.6	Kletsan	11,252.3	4.051242
Monument No. 181		61	48	42.435	0	00	29.8	180	00	29.8	X of the Boundary	4.023	0.604590
Alaska-Yukon 1909	d.m.	140	59	58.317	151	38	41.6	331	37	02.2	Slide	3,476.4	3.541124
					180	00	29.8	0	00	29.9	W of the Boundary	3,413.7	3.533230

International boundary line 141st Meridian Boundary Monuments *State* Alaska *Province* Yukon

STATION		LATITUDE AND LONGITUDE			AZIMUTH			BACK AZIMUTH			TO STATION	DISTANCE (METERS)	LOGARITHM
		°	′	″	°	′	″	°	′	″			
Monument No. 182		61	44	45.683	47	01	46.5	227	00	32.9	White River, West Base	1,677.5	3.224662
Alaska-Yukon 1913	d.m.	140	59	58.390	305	22	45.7	125	23	51.0	White River, East Base	1,334.8	3.125413
					339	18	10.8	159	19	37.6	Kletsan	4,098.3	3.612602
Monument No. 183		61	43	53.768	110	42	02.5	290	40	48.9	White River, West Base	1,311.8	3.117864
Alaska-Yukon 1913	d.m.	140	59	58.413	180	00	32.3	0	00	32.4	X of the Boundary	8,932.2	3.950957
					232	32	05.1	52	33	10.4	White River, East Base	1,371.6	3.137213
Y of the Boundary		61	43	10.532	6	06	27.5	186	04	58.4	Dalton	14,027.5	4.146981
Alaska-Yukon 1909	n.d.	140	59	58.424	75	50	54.0	255	43	57.2	Traver	7,173.0	3.855698
					145	45	07.6	325	43	54.0	White River, West Base	2,180.2	3.338488
					154	52	05.6	334	48	33.0	Cache	8,329.6	3.920625
					180	00	31.4	0	00	31.5	X of the Boundary	10,270.6	4.011596
					180	00	34.8	0	00	34.8	Monument No. 182	2,945.6	3.469168
					200	07	07.8	20	09	49.1	Flat Top	7,804.0	3.892320
					301	30	34.0	121	32	00.8	Kletsan	1,699.5	3.230327
Monument No. 184		61	43	09.925	75	59	38.7	255	52	41.9	Traver	7,168.4	3.855421
Alaska-Yukon 1909	d.m.	140	59	58.424	180	00	37.8	0	00	37.8	Y of the Boundary	18.806	1.274301
Monument No. 185		61	39	47.205	180	00	34.3	0	00	34.4	Y of the Boundary	6,294.3	3.798945
Alaska-Yukon 1909	d.m.	140	59	58.495	191	09	07.1	11	11	48.5	Flat Top	13,884.3	4.142524
					205	29	53.2	25	32	32.9	Little Boundary	6,188.4	3.791581
Monument No. 186		61	39	07.797	129	38	06.5	309	31	09.9	Traver	9,030.4	3.955709
Alaska-Yukon 1909	d.m.	140	59	58.474	180	00	20.0	0	00	20.1	Y of the Boundary	7,514.2	3.875882
					192	20	27.8	12	21	54.6	Kletsan	6,782.7	3.831401
					201	22	30.7	21	25	10.3	Little Boundary	7,308.3	3.863818
Monument No. 187		61	37	15.207	180	00	34.0	0	00	34.2	X of the Boundary	21,270.2	4.327771
Alaska-Yukon 1913	d.m.	140	59	58.556	188	09	56.5	8	11	23.4	Kletsan	10,214.9	4.009234
					252	34	41.9	72	38	53.0	Scoria	4,405.8	3.644027
Monument No. 187A		61	35	50.567	180	00	37.7	0	00	37.8	Y of the Boundary	13,619.7	4.134167
Alaska-Yukon 1913	d.m.	140	59	58.593	186	30	13.7	6	31	40.6	Kletsan	12,813.9	4.107682
					226	51	50.4	46	56	01.5	Scoria	5,761.4	3.760525
Z of the Boundary		61	34	27.234	146	30	42.5	326	29	13.7	Dalton	2,699.5	3.431291
Alaska-Yukon 1909	n.d.	140	59	58.625	154	17	58.5	334	11	02.3	Traver	16,031.5	4.204975
					180	00	37.5	0	00	37.8	Monument No. 184	16,180.5	4.208992
					180	00	37.5	0	00	37.8	Y of the Boundary	16,199.3	4.209497
					185	25	01.1	5	26	28.1	Kletsan	15,379.8	4.186950
					212	49	20.4	32	53	31.6	Scoria	7,757.3	3.889710
					346	58	25.9	166	59	46.1	Lambart, Mt. (computed)	5,985.6	3.777109
Boundary Crossing		61	31	17.073	169	38	20.6	349	36	51.9	Dalton	8,272.9	3.917658
Alaska-Yukon 1913	n.d.	140	59	58.736	180	00	57.7	0	00	57.8	Z of the Boundary	5,886.6	3.769863
					267	40	07.3	87	41	27.6	Lambart, Mt.	1,351.9	3.130944

INTERNATIONAL BOUNDARY COMMISSION—UNITED STATES, ALASKA, AND CANADA

GEOGRAPHIC POSITIONS—NORTH AMERICAN DATUM 1927

International boundary line 141st Meridian Boundary Monuments *State* Alaska *Province* Yukon

STATION	LATITUDE AND LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATION	DISTANCE (METERS)	LOGARITHM
Point on Line	61 29 42.948	179 59 22.5	359 59 22.5	Boundary Crossing	2,913.7	3.464444
Alaska-Yukon 1913 n.d.	140 59 58.690	204 27 27.1	24 28 47.4	Lambart, Mt.	3,261.3	3.513394
		342 57 58.7	163 00 26.6	Crag	8,517.5	3.930314
Bald	61 28 21.227	179 59 03.1	259 59 03.0	Point on Line	2,529.7	3.403070
Alaska-Yukon 1913 n.d.	140 59 58.653	193 47 25.2	13 48 45.4	Lambart, Mt.	5,661.6	3.752939
		303 02 53.0	123 12 53.8	Bo	12,108.4	4.083086
		336 02 40.3	156 05 08.0	Crag	6,143.4	3.788406
Mon. Site, north side of Klutlan Glacier;	61 27 59.008	180 00 14.7	0 00 14.7	Bald	687.8	2.837452
Alaska-Yukon 1913 n.d.	140 59 58.656	192 18 25.3	12 19 45.5	Lambart, Mt.	6,331.7	3.801520
		300 14 05.9	120 24 06.7	Bo	11,747.5	4.069945
		333 08 42.8	153 11 10.5	Crag	5,521.9	3.742089
Mon. Site, south side of Klutlan Glacier;	61 26 07.816	180 00 17.2	0 00 17.2	Bald	4,129.8	3.615925
Alaska-Yukon 1913 n.d.	140 59 58.676	180 00 17.8	0 00 17.8	Mon. site, north side of Klutlan Glacier	3,442.0	3.536808
		187 58 51.7	8 00 11.9	Lambart, Mt.	9,722.3	3.987771
Monument No. 189	60 53 00.804	1 24 19.5	181 24 10.1	Boundary A	6,597.3	3.819369
Alaska-Yukon 1913 d.m.	140 59 59.659	77 47 01.2	257 35 13.9	Penn	12,506.4	4.097133
		118 27 18.1	298 26 36.4	Blondie	818.5	2.913006
		260 47 59.7	80 48 06.3	Senator	115.9	2.064263
		117 14 05.2	296 45 45.9	Shelf	32,840.7	4.516412
Monument No. 190	60 52 22.478	180 00 46.0	0 00 46.0	Monument No. 189	1,186.3	3.074193
Alaska-Yukon 1913 d.m.	140 59 59.677	185 26 20.9	5 26 27.5	Senator	1,210.3	3.082887
Monument No. 191	60 49 27.294	148 21 32.9	328 16 38.9	Dane	9,676.0	3.985695
Alaska-Yukon 1913 d.m.	140 59 59.757	174 08 29.4	354 07 47.8	Blondie	7,035.4	3.847289
		180 00 46.2	0 00 46.3	Monument No. 189	6,608.7	3.820115
		180 00 47.5	0 00 47.6	Monument No. 190	5,422.7	3.734217
		181 00 08.0	1 00 14.7	Senator	6,628.2	3.821397

We certify that the foregoing is a true record of the work done by the Commissioners from 1925 to 1964 inclusive, on the maintenance of the International Boundary Line between the United States and Canada, from the Arctic Ocean to Mt. St. Elias along the 141st Meridian, and that the tables and descriptions submitted herewith show the true locations and geodetic positions of all additional monuments established in this period, in accordance with the provisions of Article IV of the Treaty between the United States and His Britannic Majesty in respect of Canada, signed at Washington, February 24, 1925.

A. F. Lambert
Canadian Commissioner

Edward J. King
United States Commissioner

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