UNITED STATES DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

GEODETIC CONTROL DIAGRAM

UNITED STATES DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY
NATIONAL CARTOGRAPHIC INFORMATION CENTER

FAIRBANKS, ALASKA

HORIZONTAL CONTROL

NATIONAL OCEAN SERVICE | GEOLOGICAL SURVEY | OTHER AGENCIES

Astronomic Station
Satellite Station
Monumented Point - First Order
Monumented Point - Second Order
Monumented Point - Third Order
Located Object - Third Order
See separate index for names of numbered stations.
Station reported destroyed
Measured Base - Electronic or Taped
Measured Distance - Electronic or Taped
Line of triangulation observed
Line of triangulation observed from one end only

VERTICAL CONTROL

NATIONAL OCEAN SERVICE | GEOLOGICAL SURVEY | OTHER AGENCIES

First Order
Second Order
Third Order
Tidal Bench Mark

STATE SURVEY CONTROL

Horizontal or Vertical

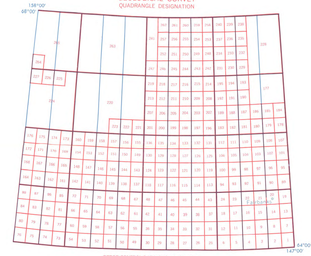
CODES OF OTHER AGENCIES

U.S. BUREAU OF LAND MANAGEMENT (BLM)
DEFENSE MAPPING AGENCY (USE)

NATIONAL OCEAN SERVICE
THIRTY MINUTE QUADRANGLE DESIGNATION

ORDER CONTROL DATA, SHOWN IN BLACK, BY THIRTY MINUTE QUADRANGLE UNITS FROM NATIONAL OCEAN SERVICE, NOAA, ROCKVILLE, MARYLAND 20852

GEOLOGICAL SURVEY
QUADRANGLE DESIGNATION



ORDER CONTROL DATA, SHOWN IN RED, BY 30 MINUTE QUADRANGLE UNITS FROM NATIONAL OCEAN SERVICE, NOAA, ROCKVILLE, MARYLAND 20852

ALASKA	Elevation	ALASKA (cont.)		ALASKA (cont.)		ALASKA (cont.)		ALASKA (cont.)		ALASKA (cont.)	
1	A-1	35	B-5	68	B-2	100	D-3	143	B-1	186	B-6
2	A-2	36	B-6	69	B-3	101	D-4	144	B-2	187	B-7
3	A-3	37	B-7	70	B-4	102	D-5	145	B-3	188	B-8
4	A-4	38	C-7	71	B-5	103	D-6	146	B-4	Whitehorse	
5	A-5	39	C-8	72	B-6	104	D-7	147	B-5	189	C-1
6	A-6	40	C-9	73	B-7	105	D-8	148	B-6	190	C-2
7	A-7	41	C-10	74	B-8	106	D-9	149	B-7	191	C-3
8	A-8	42	C-11	75	B-9	107	D-10	150	B-8	192	C-4
9	A-9	43	C-12	76	B-10	108	D-11	151	B-9	193	C-5
10	A-10	44	C-13	77	B-11	109	D-12	152	B-10	194	C-6
11	A-11	45	D-13	78	B-12	110	D-13	153	B-11	195	C-7
12	A-12	46	D-14	79	B-13	111	D-14	154	B-12	196	C-8
13	A-13	47	D-15	80	B-14	112	D-15	155	B-13	197	C-9
14	A-14	48	D-16	81	B-15	113	D-16	156	B-14	198	C-10
15	A-15	49	D-17	82	B-16	114	D-17	157	B-15	199	C-11
16	A-16	50	D-18	83	B-17	115	D-18	158	B-16	200	C-12
17	A-17	51	D-19	84	B-18	116	D-19	159	B-17	201	C-13
18	A-18	52	D-20	85	B-19	117	D-20	160	B-18	202	C-14
19	A-19	53	D-21	86	B-20	118	D-21	161	B-19	203	C-15
20	A-20	54	D-22	87	B-21	119	D-22	162	B-20	204	C-16
21	A-21	55	D-23	88	B-22	120	D-23	163	B-21	205	C-17
22	B-4	56	D-24	89	B-23	121	D-24	164	B-22	206	C-18
23	B-5	57	B-9	90	B-24	122	D-25	165	B-23	207	C-19
24	B-6	58	B-10	91	B-25	123	D-26	166	B-24	208	C-20
Yukon River		59	B-11	92	B-26	124	D-27	167	B-25	209	C-21
25	A-11	60	B-12	93	B-27	125	D-28	168	B-26	210	C-22
26	A-12	61	B-13	94	B-28	126	D-29	169	B-27	211	C-23
27	A-13	62	B-14	95	B-29	127	D-30	170	B-28	212	C-24
28	A-14	63	B-15	96	B-30	128	D-31	171	B-29	213	C-25
29	A-15	64	B-16	97	B-31	129	D-32	172	B-30	214	C-26
30	A-16	65	B-17	98	B-32	130	D-33	173	B-31	215	C-27
31	A-17	66	B-18	99	B-33	131	D-34	174	B-32	216	C-28
32	A-18	67	B-19			132	D-35	175	B-33	217	C-29
33	A-19					133	D-36	176	B-34	218	C-30
34	A-20					134	D-37	177	B-35	219	C-31
						135	D-38	178	B-36	220	C-32
						136	D-39	179	B-37	221	C-33
						137	D-40	180	B-38	222	C-34
						138	D-41	181	B-39	223	C-35
						139	D-42	182	B-40	224	C-36
						140	D-43	183	B-41	225	C-37
						141	D-44	184	B-42	226	C-38
						142	D-45	185	B-43	227	C-39

OTHER AGENCIES

DEFENSE MAPPING AGENCY
REQUEST GEODETIC CONTROL DATA, SHOWN IN BROWN, WITH USE (USE) OR (USE) SUFFIX, BY QUADRANGLE UNITS FROM DMA TOPOGRAPHIC SERVICE, ROCKVILLE, MARYLAND 20852

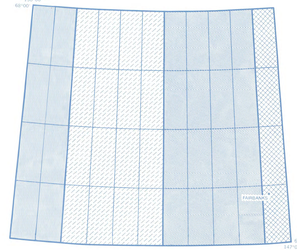
U.S. BUREAU OF LAND MANAGEMENT
REQUEST GEODETIC CONTROL DATA, SHOWN IN BROWN, WITH (BLM) SUFFIX, BY QUADRANGLE UNITS FROM NATIONAL OCEAN SERVICE, NOAA, ROCKVILLE, MARYLAND 20852

REQUEST GEODETIC CONTROL DATA, SHOWN IN BROWN WITH (BLM) SUFFIX, FROM U.S. BUREAU OF LAND MANAGEMENT, DIVISION OF CADASTRAL SURVEY 7600, 700 C STREET, BOX 13, ANCHORAGE, ALASKA 99513

PLANE COORDINATES

100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS

ALASKA ZONE 3 | ALASKA ZONE 4 | ALASKA ZONE 5 | ALASKA ZONE 6



PLANE COORDINATE ZONES

ALASKA ZONE 3 | ALASKA ZONE 4 | ALASKA ZONE 5 | ALASKA ZONE 6

LOCATION DIAGRAM FOR FAIRBANKS

TOPOGRAPHIC LEGEND

Roads
Minor And Quarries
Interior Section Number
T.17 (See Number)
R.9 (Range Line Number)
Land Ground Station
Bus Trails
Trails - water, oil or gas
Oil Well
Water Well
Aeronautical Data
FAIRBANKS (Section of Place)
Railroad
Bridges And Viaducts
Power Transmission Lines
Aerial Cable
Mines
Mountain Peak
Triangulation Point
Horizontal Control
Spot Elevation
Contours
Depth Curves
Rivers

SCALE 1:500,000

STATUTE MILES 10 0 10 20 30 40 50 60 70 80 90 100
KILOMETERS 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150
FEET 30 000 0 30 000 60 000 90 000 120 000 150 000 180 000 210 000 240 000 270 000 300 000 330 000 360 000 390 000 420 000 450 000 480 000 510 000 540 000 570 000 600 000 630 000 660 000 690 000 720 000 750 000 780 000 810 000 840 000 870 000 900 000 930 000 960 000 990 000

Base prepared by the Aeronautical Chart Division, National Ocean Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce. Sectional Aeronautical Chart, 1:500,000, Fairbanks, 1983. Published at Washington, D.C. Lambert Conformal Conic Projection Standard Parallels 65°20' and 70°40', 100,000 Foot Plane Coordinate Grid based on Alaska Coordinate System, Universal Transverse Mercator Projection, Zone 3, Zone 4, Zone 5, and Zone 6. Topographic data corrected to October 1983. Contour Interval is 1000 Feet; Not for Aeronautical or Navigational Use.

Explanation of station name colors and agency code suffixes used on the Fairbanks Geodetic Control Diagram. Station names shown in black represent horizontal control observed by the National Geodetic Survey. Brown station names with (DMA) or (USE) suffixes represent control observed by the Defense Mapping Agency. Stations observed by U.S.G.S. are shown in red. The agency code suffix on original observations is shown unless a readjustment improves the order of accuracy, or is performed by N.G.S. and given a later position. Stations observed by N.G.S. do not carry agency code suffixes, unless the agency name cast on mark represents the name of the station. N.G.S. Monumented stations with a single agency code suffix reflect the agency name cast on mark. When two agency code suffixes follow the station name, the first code refers to the agency name cast on mark, and the last code refers to the observing agency. Unmarked station points with agency code suffixes represent the establishing agency or the observing agency.

FAIRBANKS, ALASKA