

KODIAK ISLAND

19050001-13

188

Form 9-1503
(Feb. 1962)U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEYBasin Index 14 H D

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Spiridon Lake	Site	Spiridon Lake
County					Owner
Mer.	T.	R.	Sec.	Constructed	
Lat. 57 ° 40 ' "	Long. 153 ° 40 ' "		Storage 60,000 of 74,009,400 m ³		
Miles above mouth					Installed capacity
Drainage Area 22	sq. mi.	57.0	sq. km	Installable capacity	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	9	0.3	460	140.2	0	0	460	140.2	0.35	
50	52	1.5							2.03	
mean	81	2.3							3.17	22,190

Remarks:

Kodiak C-5

Note: Noton Spiridon River

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 188790
14-HD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Spiridon Lake Site Spiridon ~~River~~ Lake 2592

County _____ Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 57° 40' " Long. 153° 40' " Storage 60,000 of 74,009,400 m³ ✓
 Miles above mouth _____ 57.0 Installed capacity _____ mw
 Drainage Area 22 sq.mi. 64.9 sq. km Installable capacity _____ mw

39.1

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	9	.3	460	140.2	0	0	460	140.2	.352	✓
50	52	1.5							2033	✓
mean	81	2.3							3167	✓

Remarks:

Note: Not on Spiridon River.

Prepared by _____ Date _____

Kodrak C-5