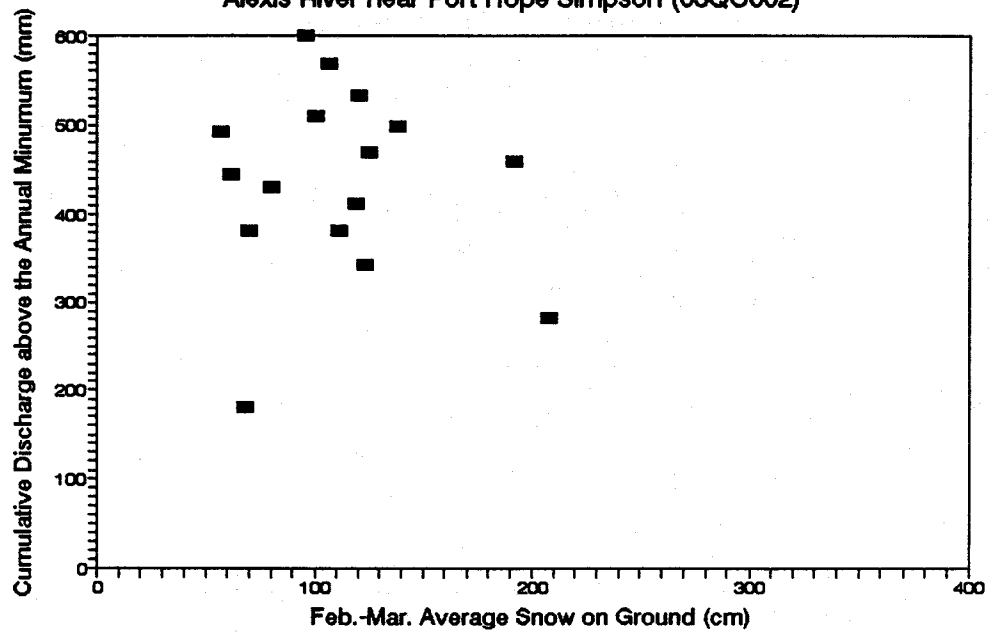


Appendix S

Plots of Hydrologic and Climatic Parameters

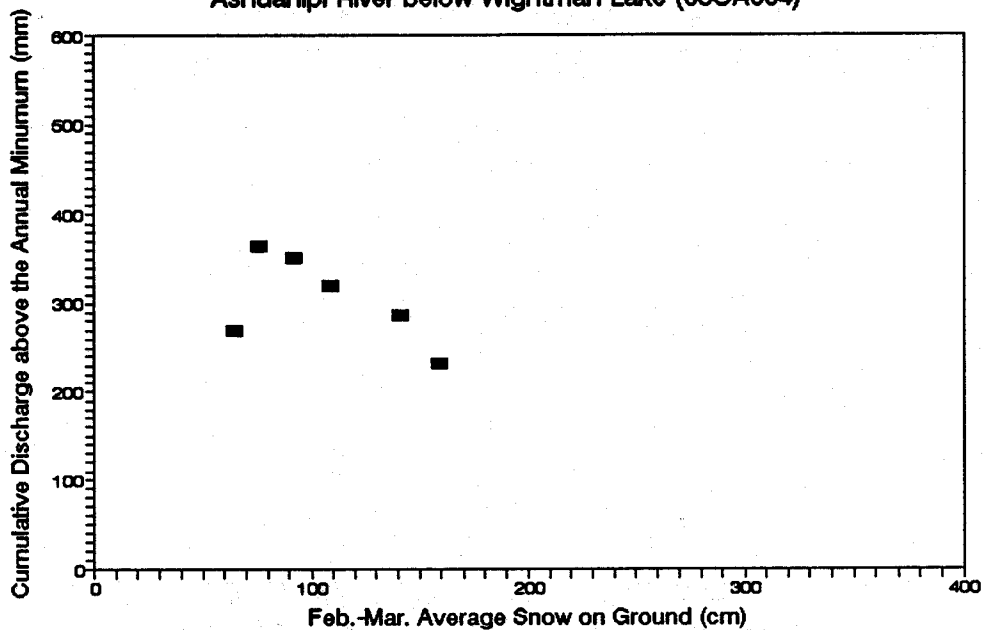
Average Snow on Ground vs Cumulative Discharge

Alexis River near Port Hope Simpson (03QC002)

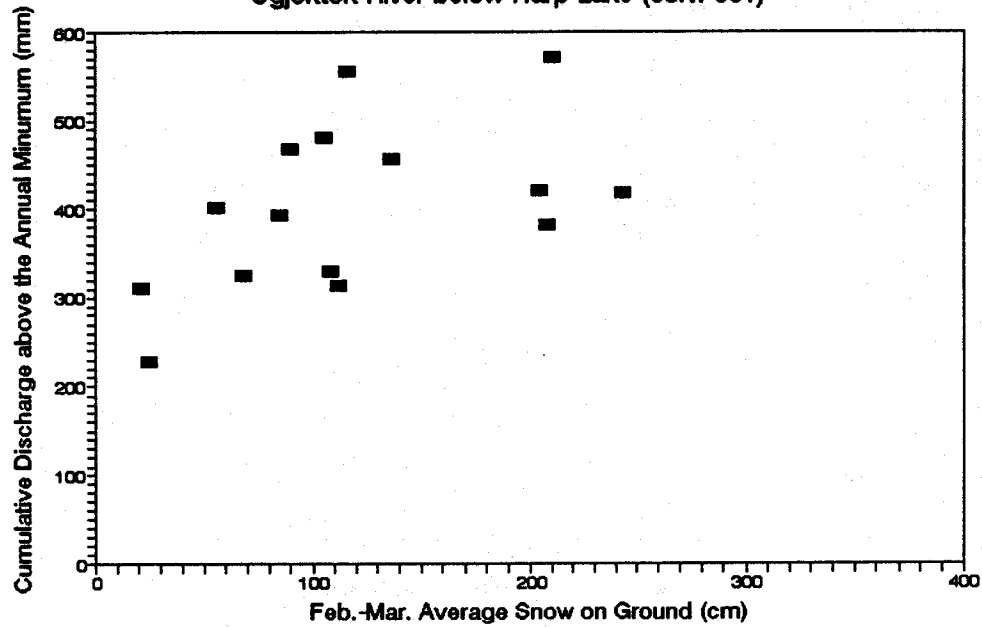


Average Snow on Ground vs Cumulative Discharge

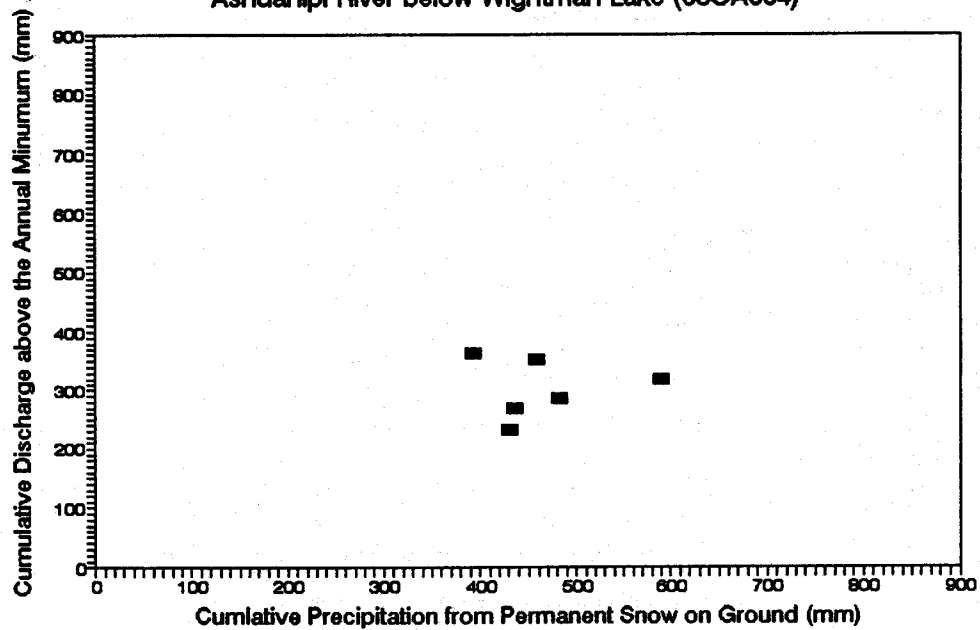
Ashuanipi River below Wightman Lake (03OA004)



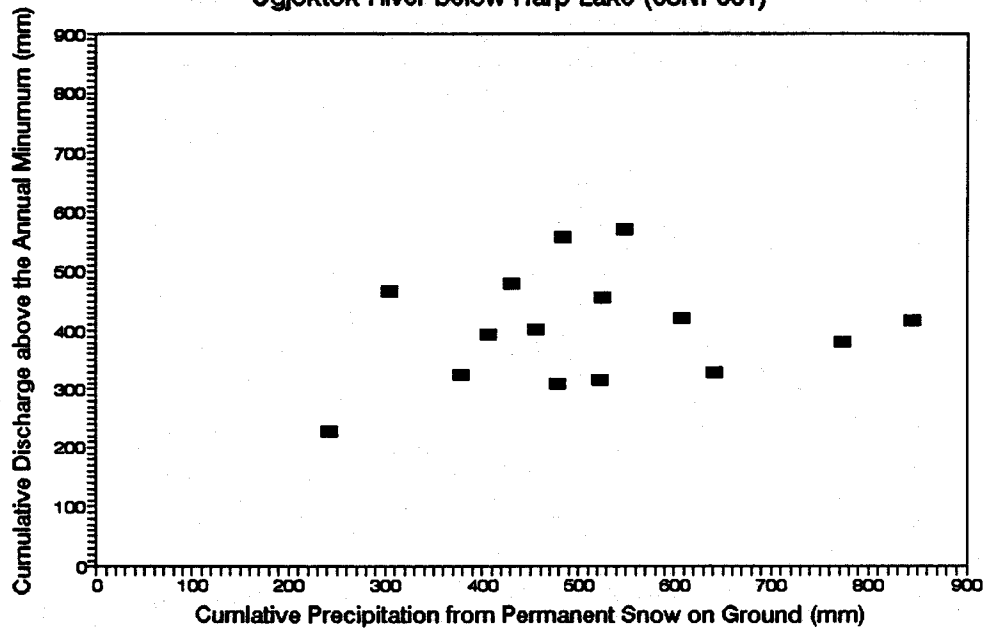
Average Snow on Ground vs Cumulative Discharge
 Ugjoktok River below Harp Lake (03NF001)



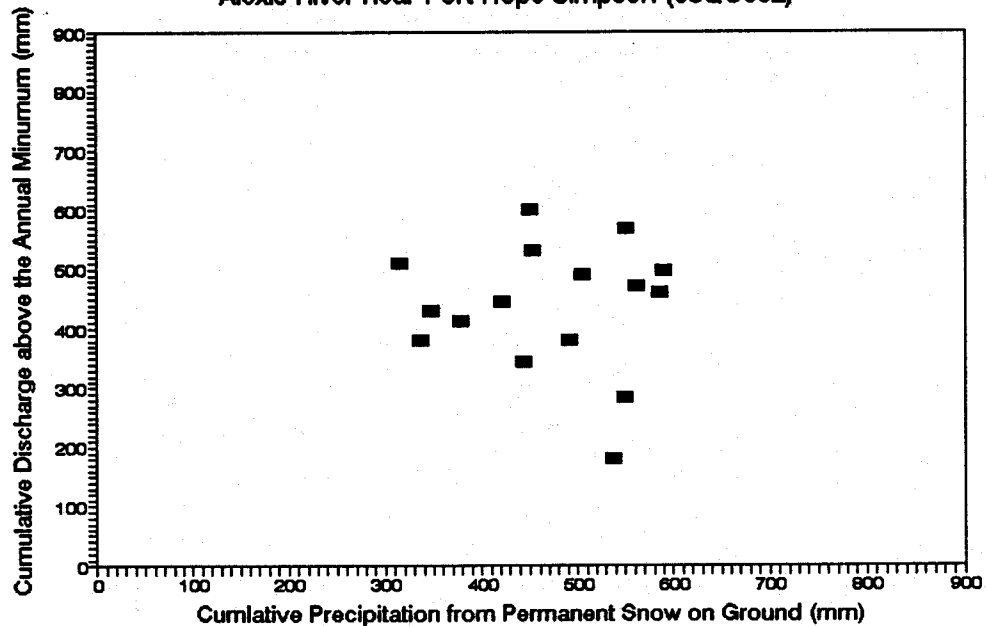
Cumulative Precipitation vs Cumulative Discharge to July 31
 Ashuanipi River below Wightman Lake (03OA004)



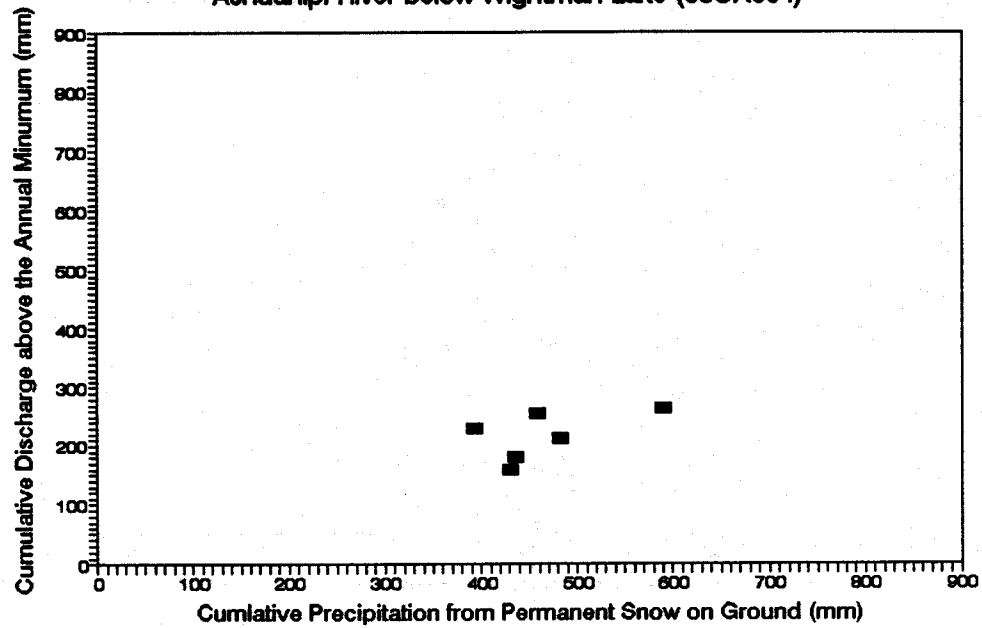
Cumulative Precipitation vs Cumulative Discharge to July 31 Ugioktok River below Harp Lake (03NF001)



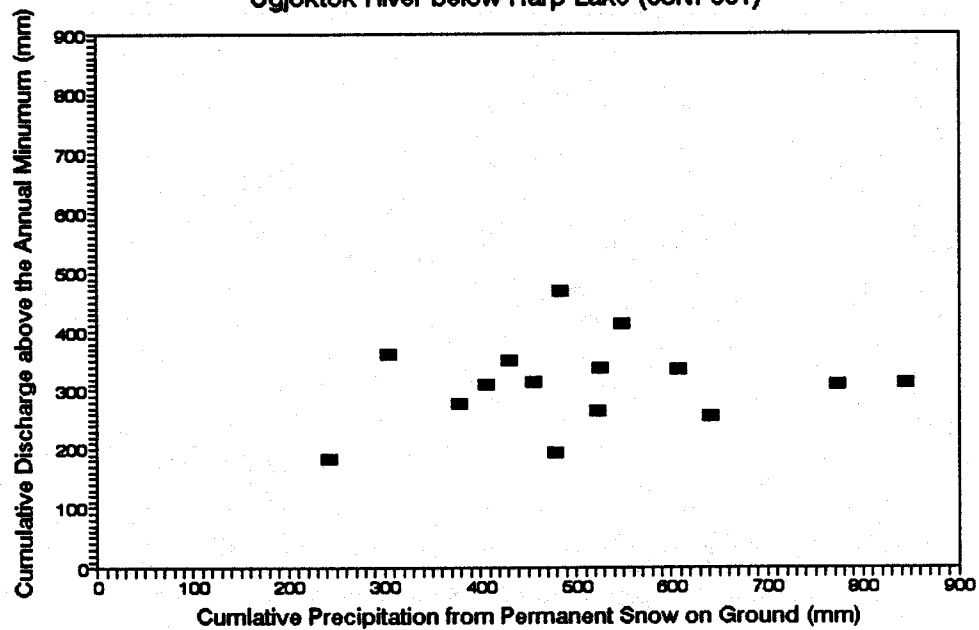
Cumulative Precipitation vs Cumulative Discharge to July 31 Alexis River near Port Hope Simpson (03QC002)



Cumulative Precipitation vs Cumulative Discharge to June 30
 Ashuanipi River below Wightman Lake (03OA004)

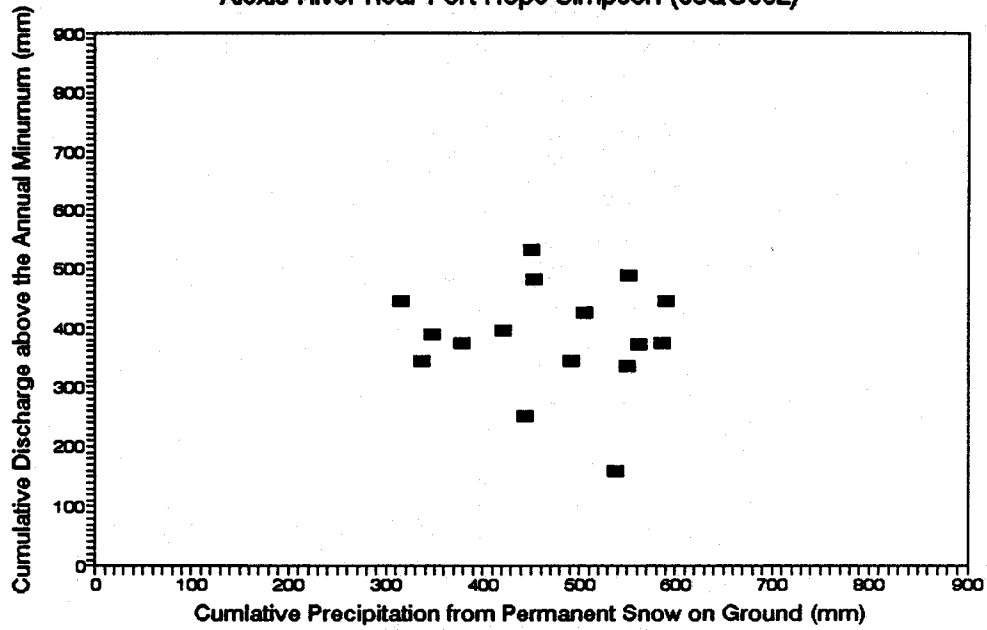


Cumulative Precipitation vs Cumulative Discharge to June 30
 Ugioktok River below Harp Lake (03NF001)



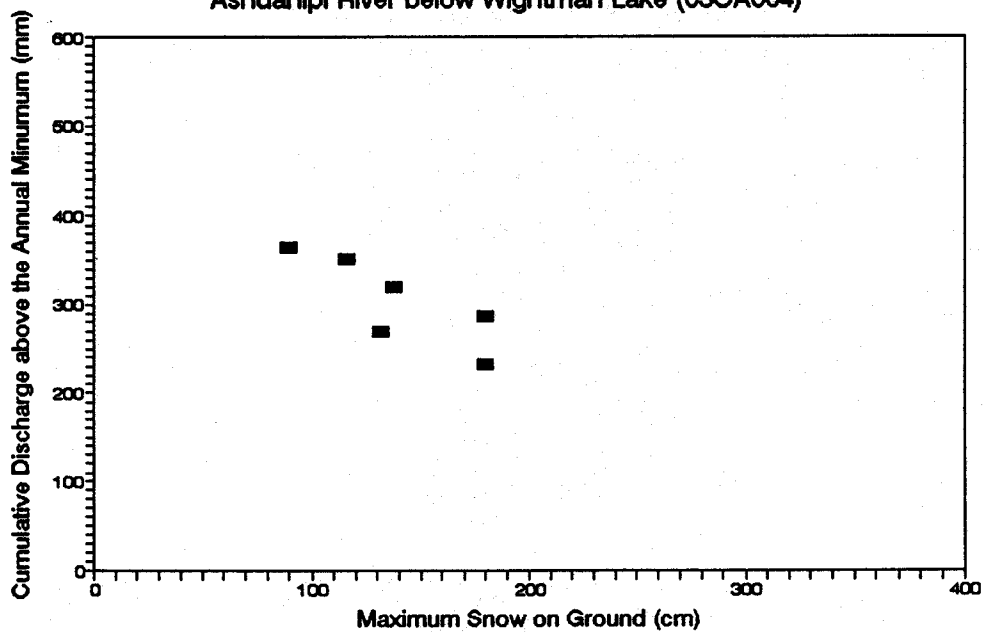
Cumulative Precipitation vs Cumulative Discharge to June 30

Alexis River near Port Hope Simpson (03QC002)



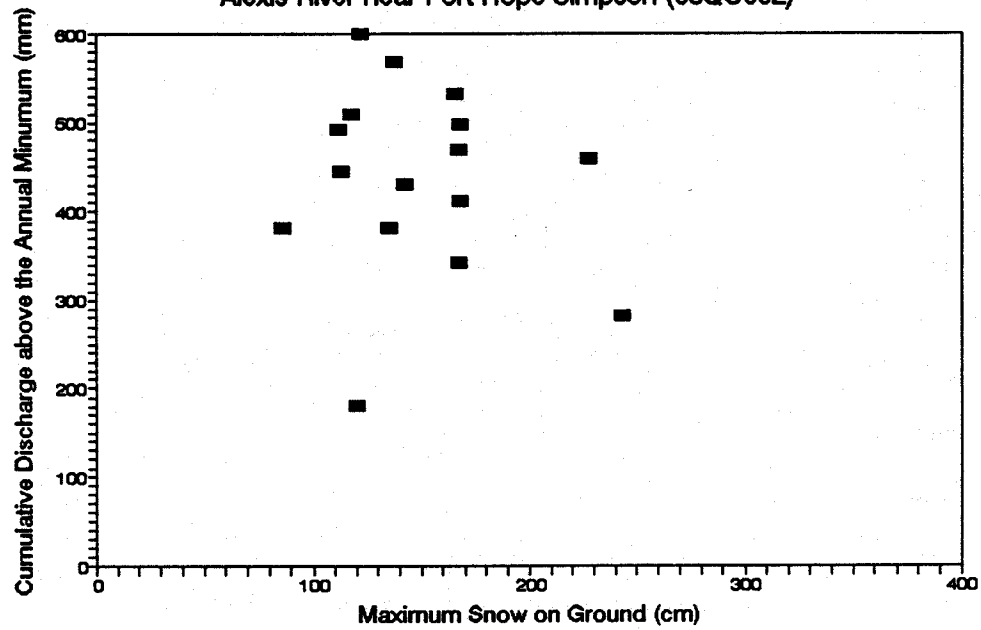
Maximum Snow on Ground vs Cumulative Discharge

Ashuanipi River below Wightman Lake (03OA004)



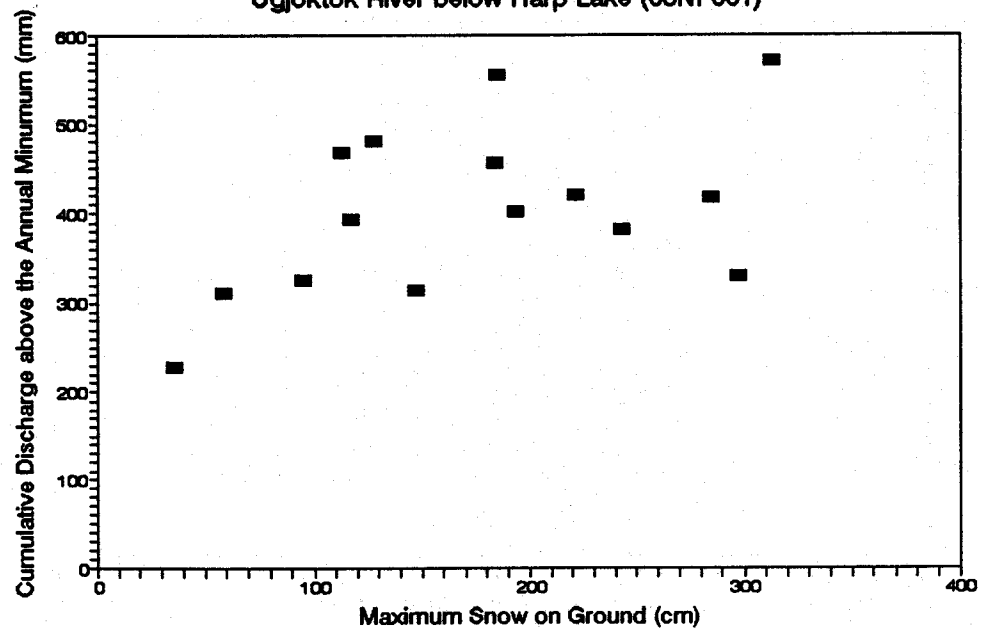
Maximum Snow on Ground vs Cumulative Discharge

Alexis River near Port Hope Simpson (03QC002)



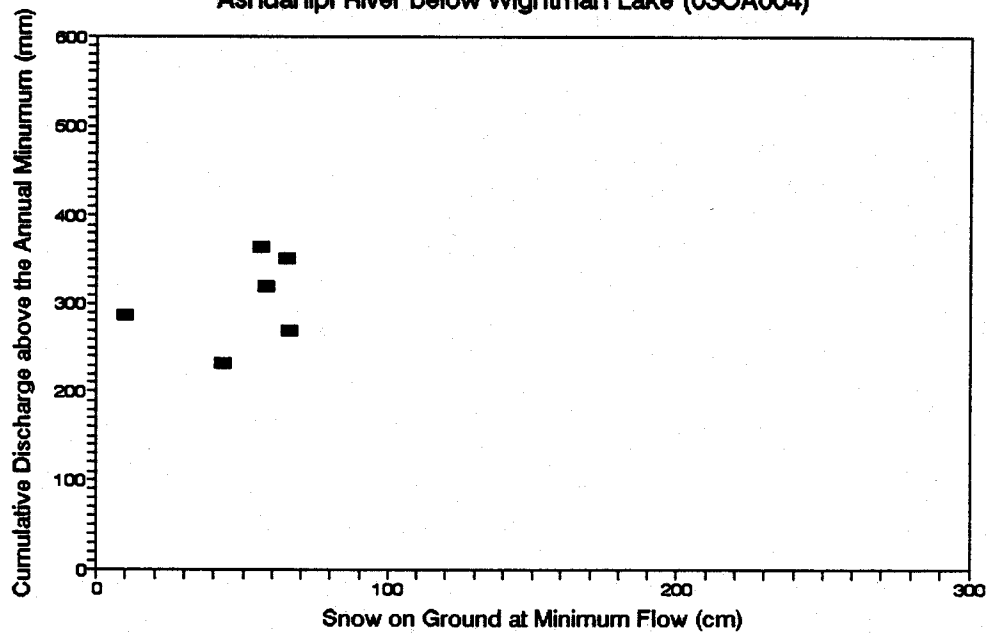
Maximum Snow on Ground vs Cumulative Discharge

Ugloktok River below Harp Lake (03NF001)



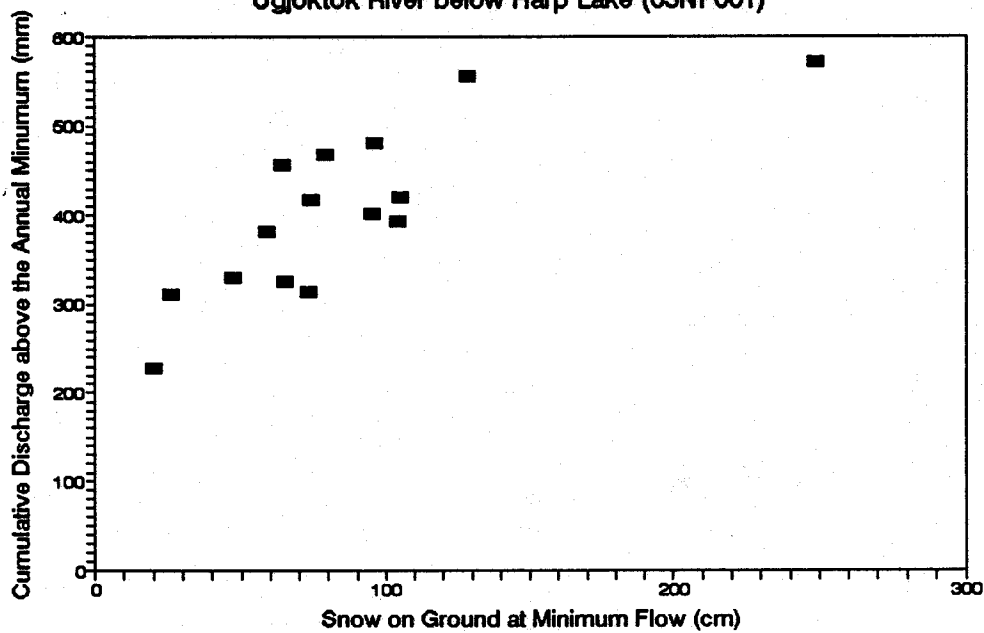
Snow on Ground at Minimum Flow vs Cumulative Discharge

Ashuanipi River below Wightman Lake (03OA004)



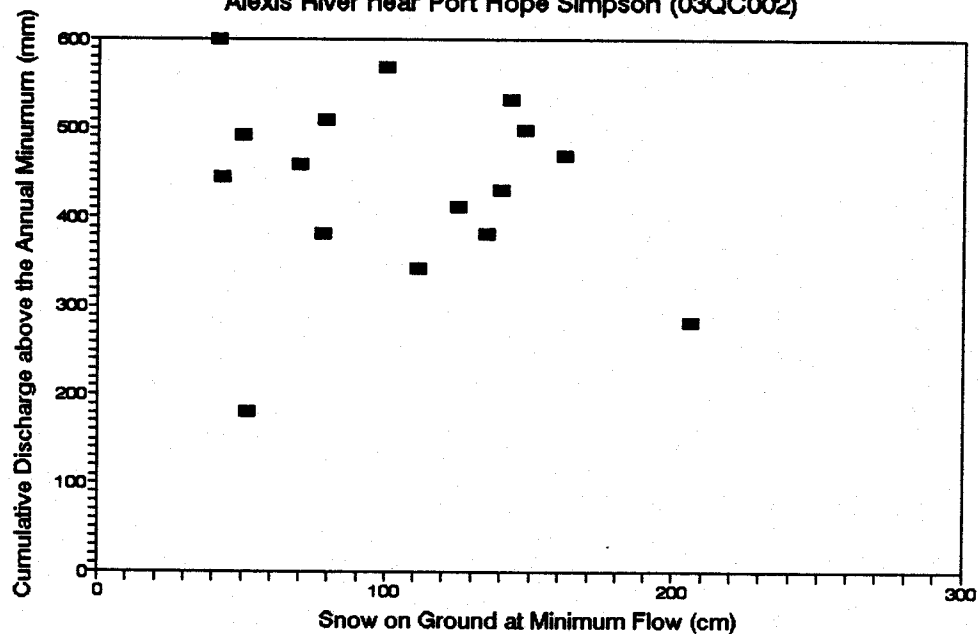
Snow on Ground at Minimum Flow vs Cumulative Discharge

Ugioktok River below Harp Lake (03NF001)



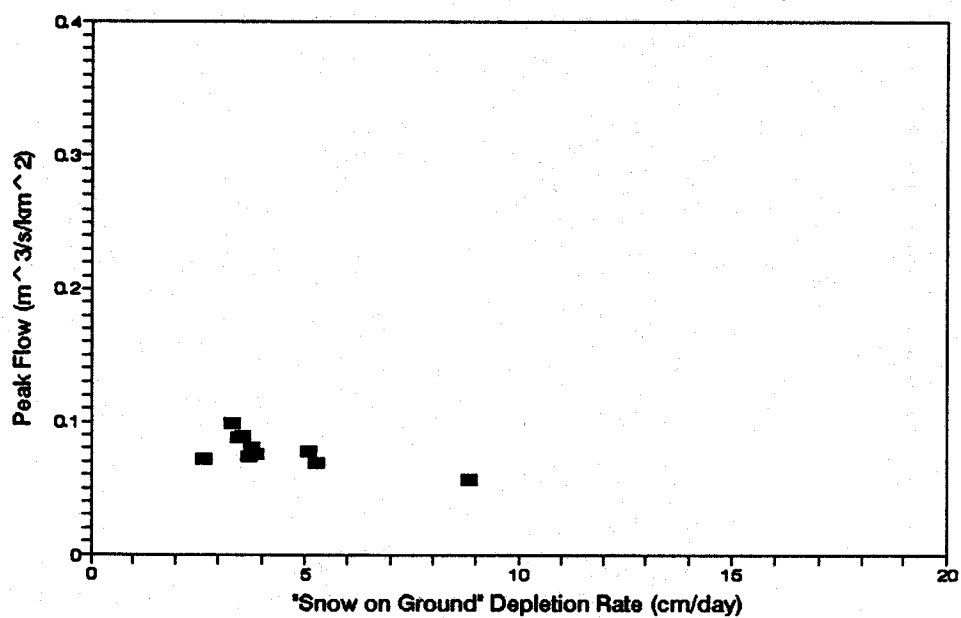
Snow on Ground at Minimum Flow vs Cumulative Discharge

Alexis River near Port Hope Simpson (03QC002)

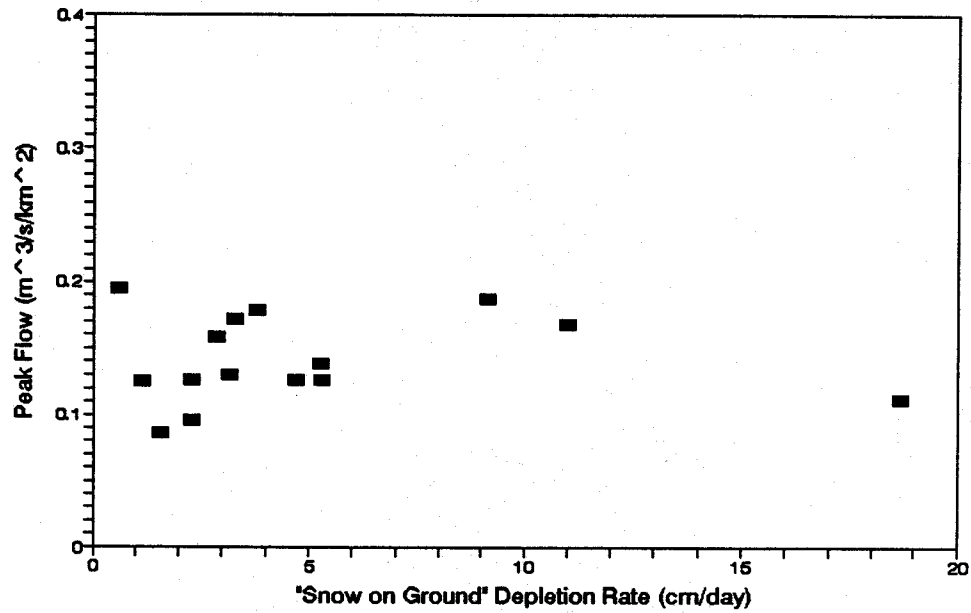


"Snow on Ground" Depletion Rate vs Peak Flow

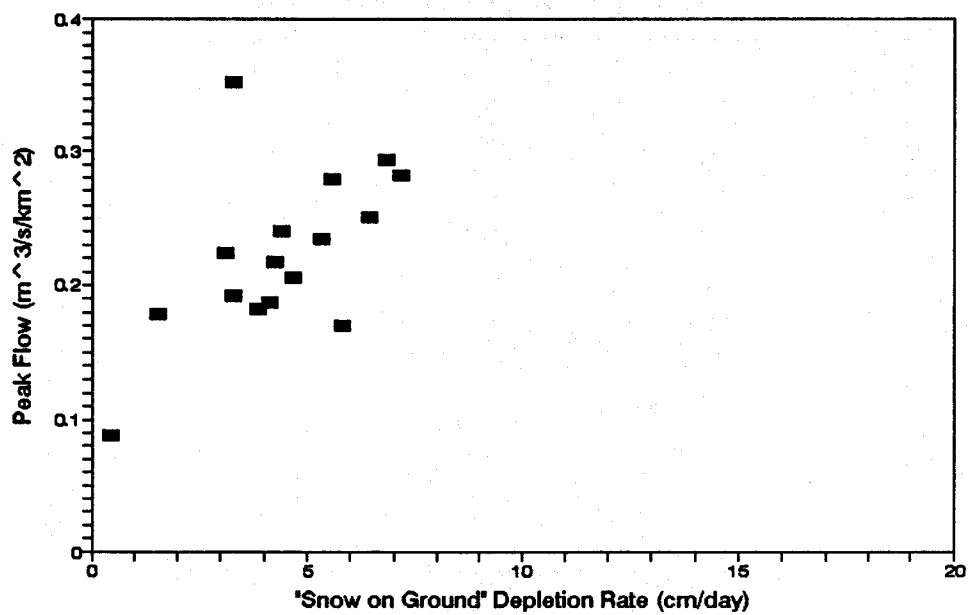
Ashuanipi River below Wightman Lake (03OA004)



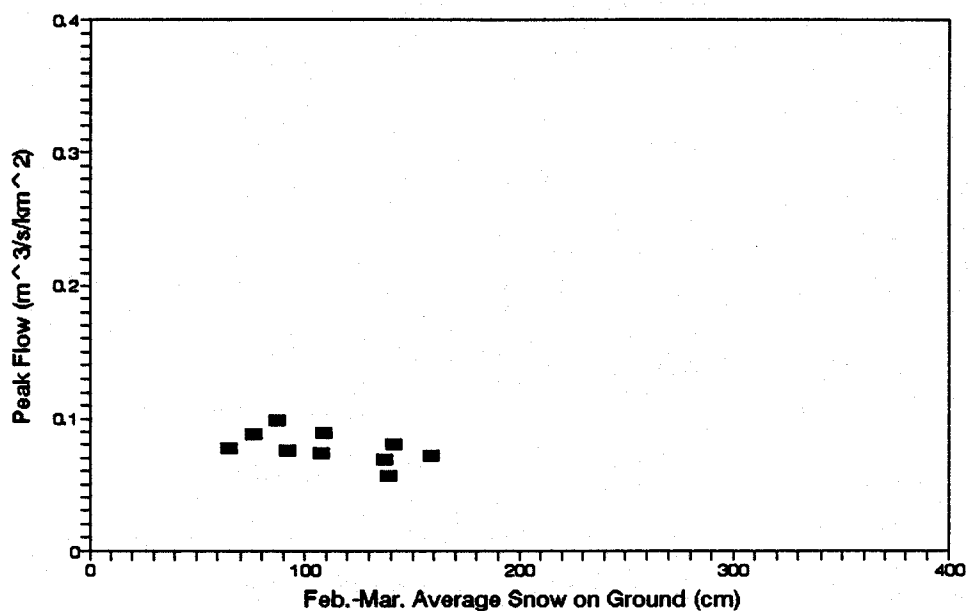
"Snow on Ground" Depletion Rate vs Peak Flow
 Ugjoktok River below Harp Lake (03NF001)



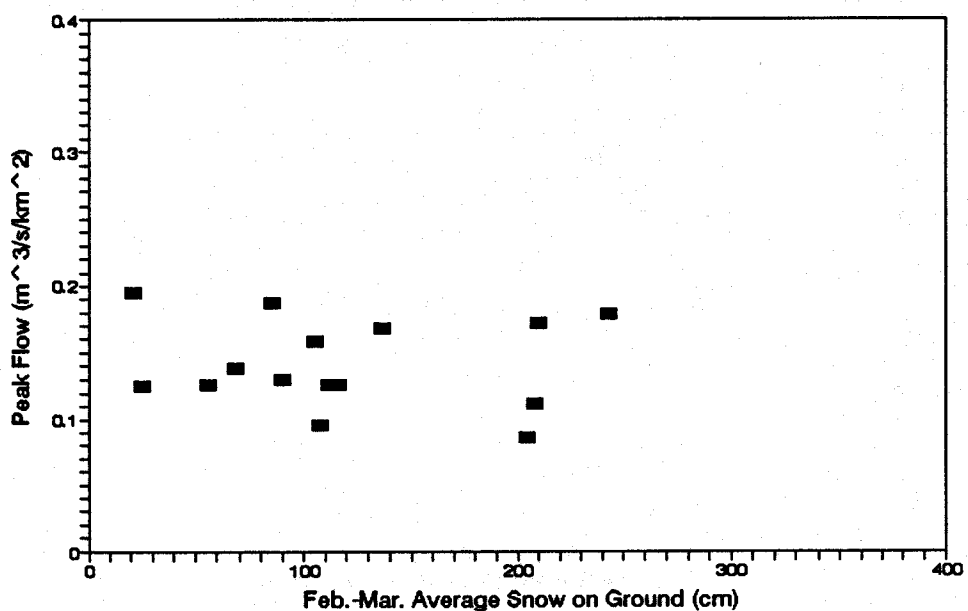
"Snow on Ground" Depletion Rate vs Peak Flow
 Alexis River near Port Hope Simpson (03QC002)



Average Snow on Ground vs Peak Flow
 Ashuanipi River below Wightman Lake (03OA004)

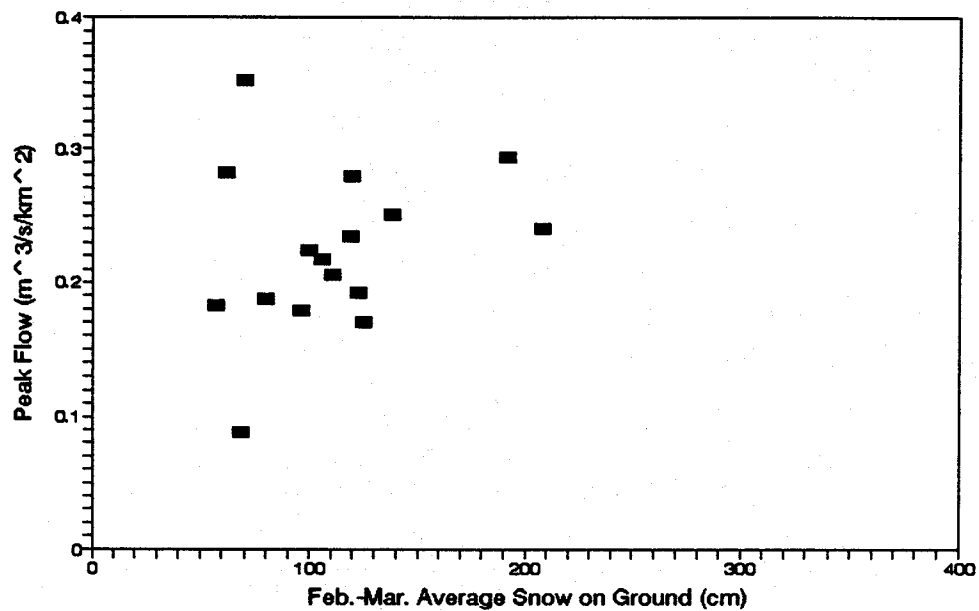


Average Snow on Ground vs Peak Flow
 Ugioktok River below Harp Lake (03NF001)



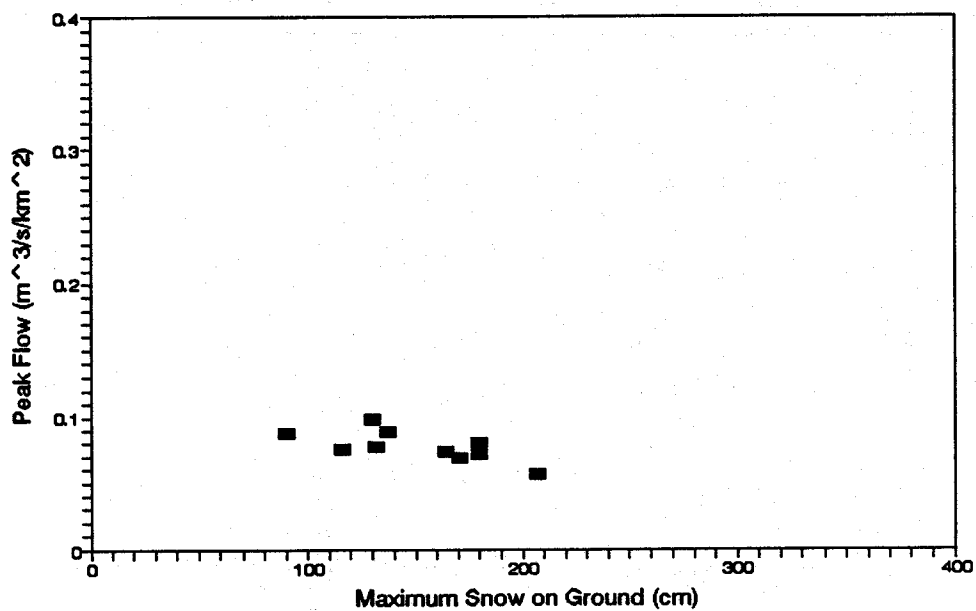
Average Snow on Ground vs Peak Flow

Alexis River near Port Hope Simpson (03QC002)

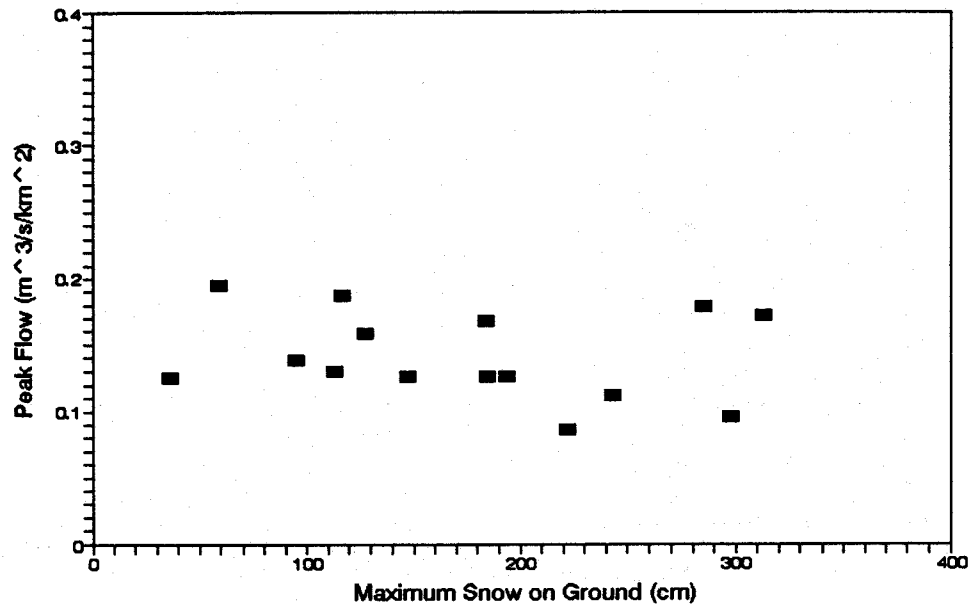


Maximum Snow on Ground vs Peak Flow

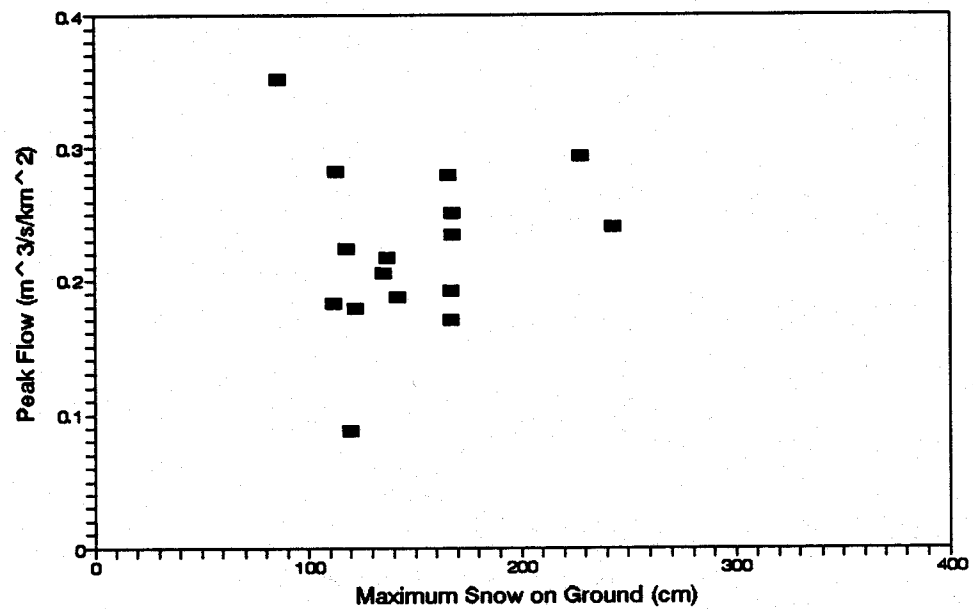
Ashuanipi River below Wightman Lake (03OA004)



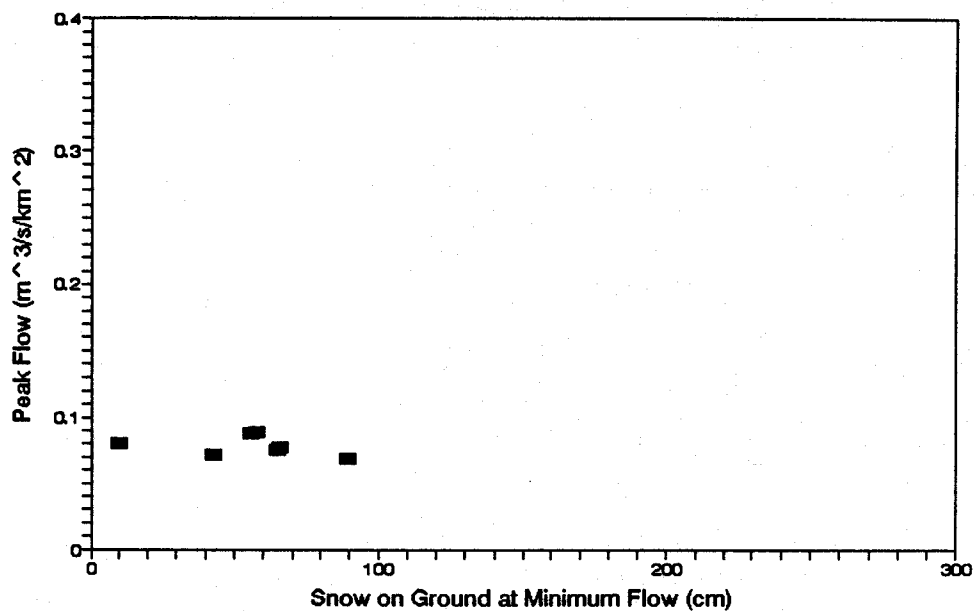
Maximum Snow on Ground vs Peak Flow
 Ugioktok River below Harp Lake (03NF001)



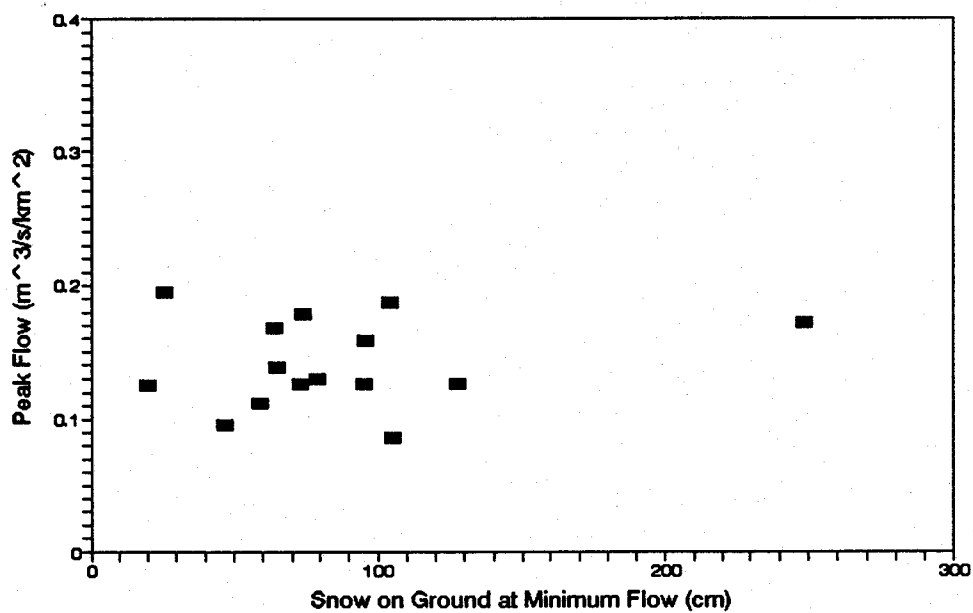
Maximum Snow on Ground vs Peak Flow
 Alexis River near Port Hope Simpson (03QC002)



Snow on Ground at Minimum Flow vs Peak Flow
 Ashuanipi River below Wightman Lake (03OA004)



Snow on Ground at Minimum Flow vs Peak Flow
 Ugjoktok River below Harp Lake (03NF001)



Snow on Ground at Minimum Flow vs Peak Flow

Alexis River near Port Hope Simpson (03QC002)

