

ATTACHMENT #3

Airfield Winter Operations 2017-18



Winter Debriefing

- Lessons Learned

- Tactics
- Formation Plowing
- Snow Storage Areas
- Panic Piles
- Drainage Ditches
- Snow Removal Priorities
 - D-2 Taxiway (ARFF)
- Equipment Breakdowns / Problems
- Communication Issues
- Equipment Lights
 - LED Beacons
 - Aux. LED Lighting.



Winter Debriefing

- Training Committee
 - Members:
 - Senior Operators
 - Chair
 - Equipment Operators
 - Field Training Coach
 - Senior Mechanic
 - Superintendent
 - Policy



Winter Debriefing

- Prescribed Practices:
 - Snow Removal Tactics and Practices
 - Snow Removal Priorities
 - Snow Storage Areas
 - Panic Piles / Long-Term Storage
 - Ice Control Measures
 - Runway/Taxiway/In-Ground Lights
 - End of Season Clean-Up

Winter Debriefing

- Specialized Equipment Training:
 - Preventative Maintenance
 - Pre Operation
 - Specific Functions
 - Post Operation
 - Equipment Checkrides
 - Brooms
 - Plow Trucks
 - Graders
 - Loaders and Blades
 - Other Equipment
 - Friction Measurements



Winter Debriefing

- Next Annual Training
 - October 15-19, 2018 (5 Days)
 - Course Outline Book (Reference)
 - Required FAA Training
 - Equipment Training / Checkrides
 - Equipment Obstacle Course
 - CPR / AED / First-Aid
 - Firearm Training / Qualifications



Winter Debriefing

- Uniforms
 - Vest
 - Jackets
 - Job Shirts
 - Light Winter Gear
 - (Hoodies / Sweatshirts)
 - Foot ware
 - Safety Equipment (Go-Bags)
 - Hats
 - Other Items



Winter Debriefing

- New Unit Numbers:
 - Type of Equipment (Class)
 - Support Vehicles
 - Airport Vehicles
 - Groups to Classes
 - No Duplicate Numbers



Winter Debriefing

- Summer
 - Bird Phone (On-Call)
 - RCAM will continue to be reported until further notice
 - Today



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Winter Debriefing



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Core Values

- **Safety** Everyone's responsibility
- **Openness** Everyone has a voice
- **Accountability** Success demands ownership of our actions and outcomes
- **Respect** Honor our customers and each other
- **Integrity** Honest and ethical in everything we do with moral soundness
- **Nice** Be kind, courteous and invite collaboration
- **Growth** Committed to developing our airport and ourselves

2017/18 Winter Season

Snow/Ice Control Summary

Winter Snow/Ice Statistics

- **Removal Areas**

- Area AFM is responsible for:
 - Runway & Taxiways
 - Main Ramp / Gates / 135 Area
 - East & West GA Areas
 - Alex Holden / Cessna Dr. / Fuel Farm
 - Terminal / Shell Simmons / Employee Parking Lot
 - Float Pond Roads and EVAR
 - **Equals 8,046,123 Square Feet of Area**
 - Equalities 47.6 Miles of 2-Lane Hwy. w/ 4' Shoulders

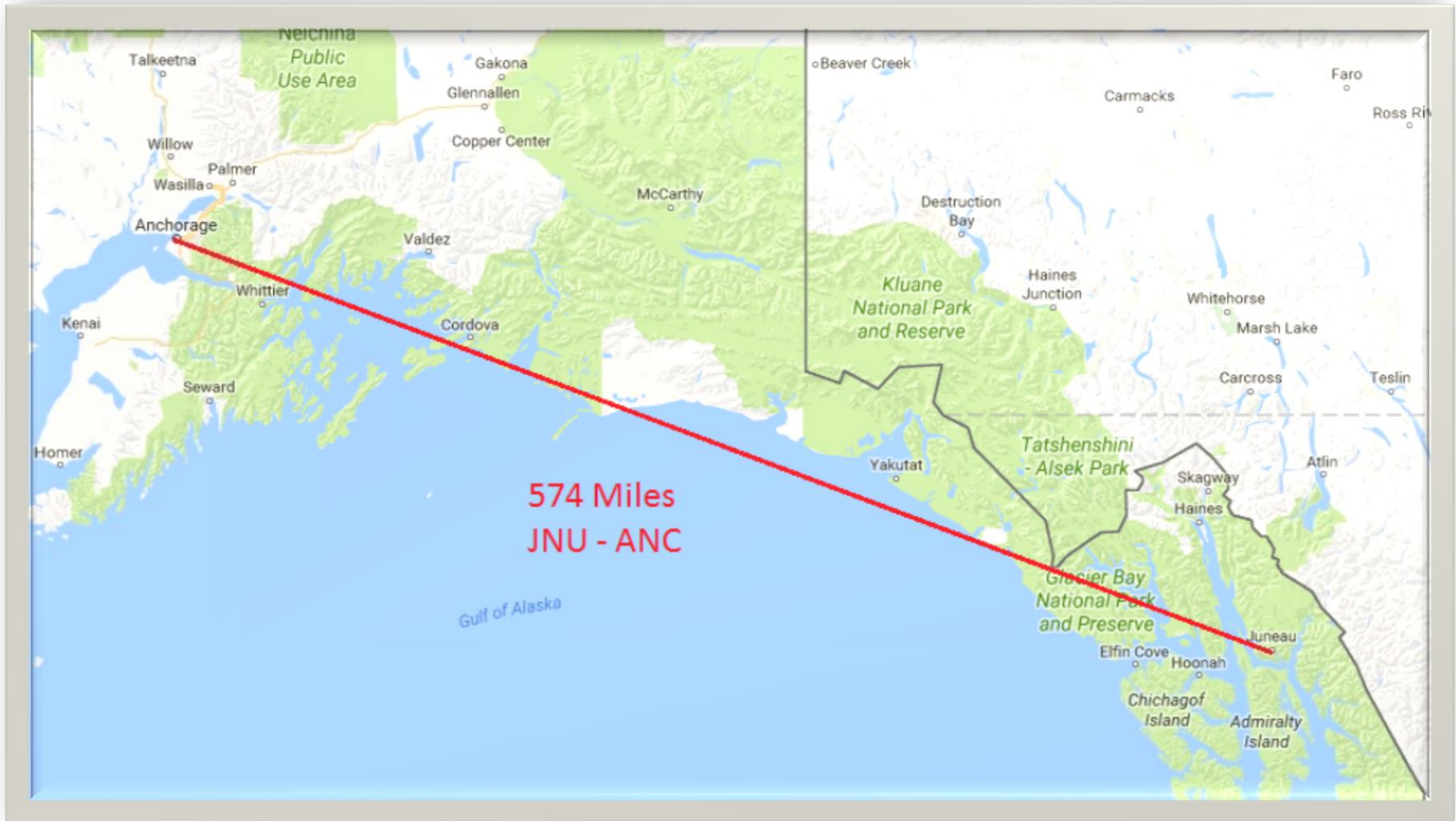
Winter Snow/Ice Statistics

– Snow Calculations (2016-2017)

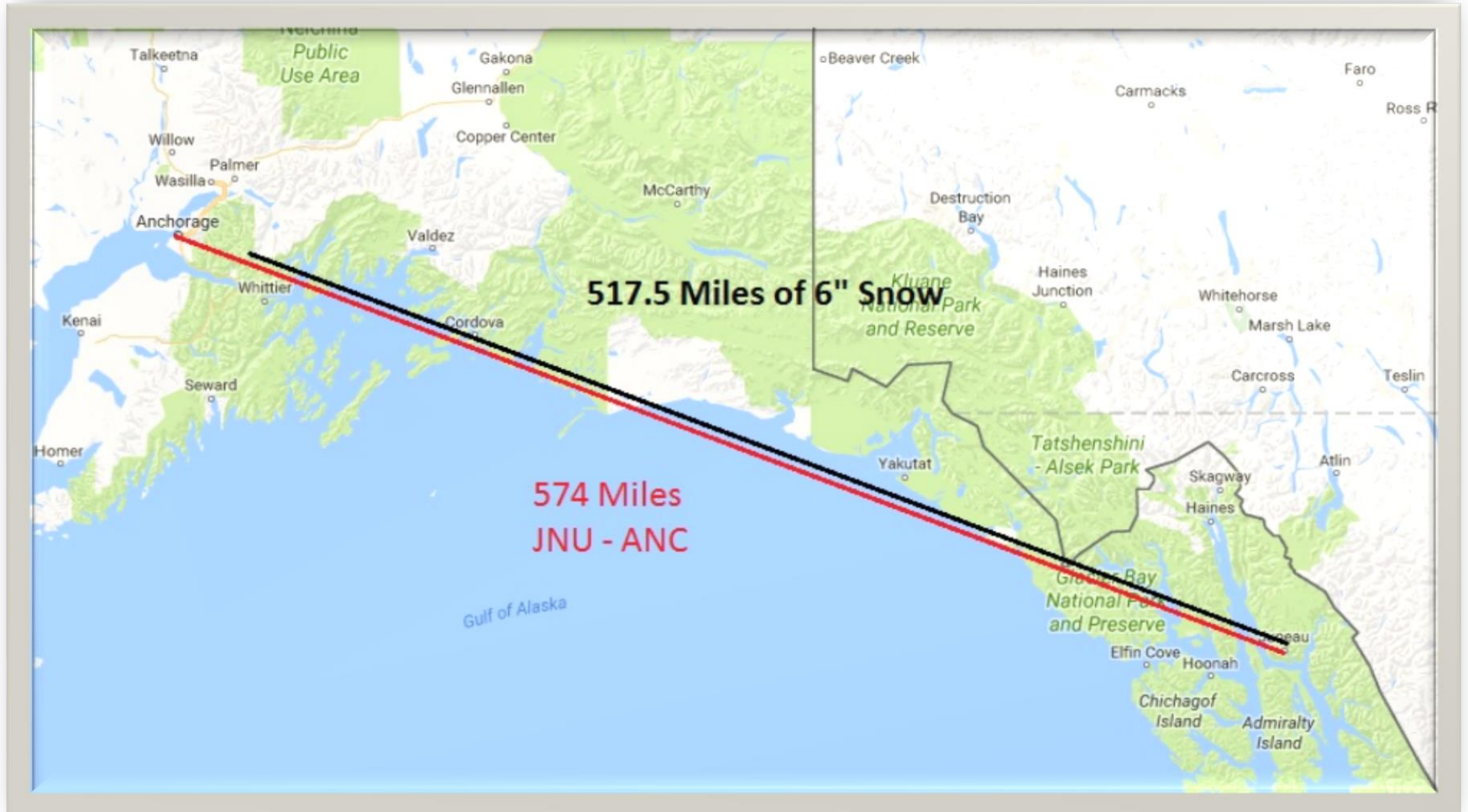
- Total Snow Fall – 65.2 inches (NWS – Airport)
- **43,717,270** Cubic Ft. of snow plowed, swept and removed
- Average Weight: 17.671 lbs. / CF
- **386,264** Tons
- **772,527,876** lbs.



Winter Snow/Ice Statistics



Winter Snow/Ice Statistics



Winter Snow/Ice Statistics

– Snow Calculations (2017-2018)

- Total Snow Fall – 77.3 inches (NWS – Airport)

		MONTHLY	DIFFERENTIAL
OCT 16	OCT 17	DIFFERENTIAL	PERCENTAGE
5.7	0.0	-5.7	-100%
NOV 16	NOV 17		
2.7	25.5	22.8	844%
DEC 16	DEC 17		
16.8	1.3	-15.5	-92%
JAN 17	JAN 18		
3.7	14.9	11.2	303%
FEB 17	FEB 18		
4.1	16.2	12.1	295%
MAR 17	MAR 18		
32.2	19.4	-12.8	-40%
		YEARLY	DIFFERENTIAL
2016/17	2017/18	DIFFERENTIAL	PERCENTAGE
65.2	77.3	12.1	19%

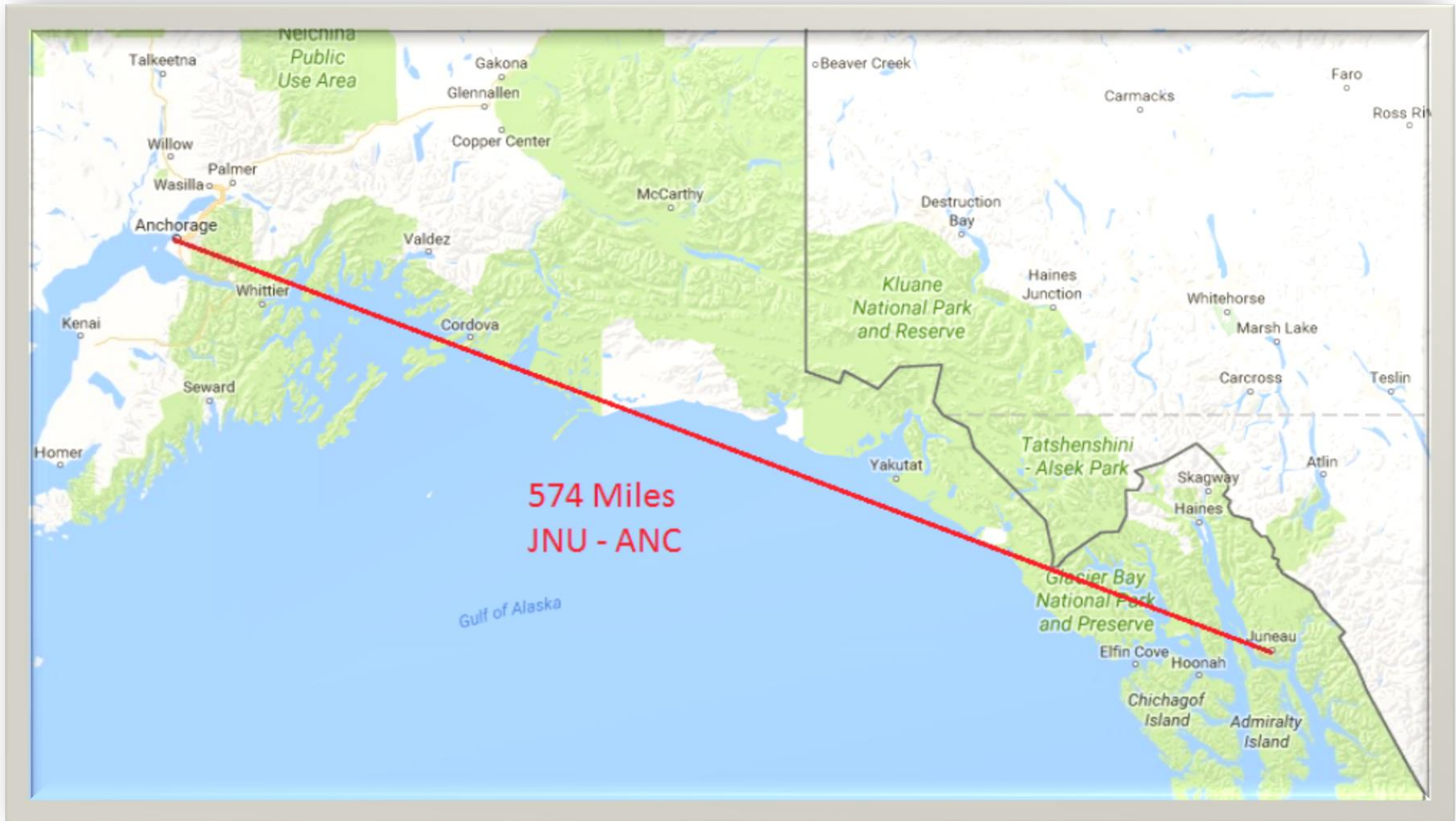
Winter Snow/Ice Statistics

– Snow Calculations (2017-2018)

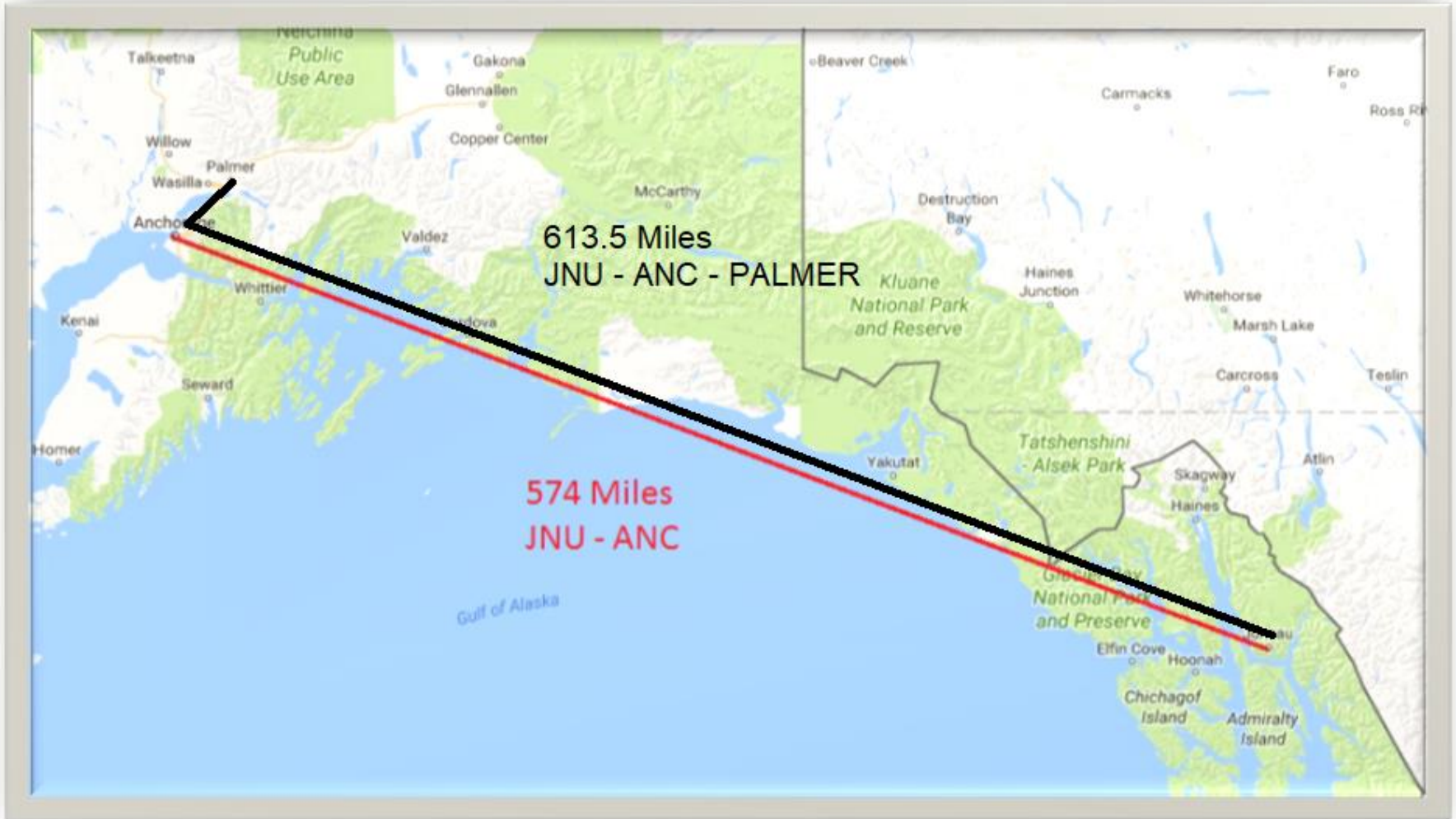
- Total Snow Fall – 77.3 inches (NWS – Airport)
- >12.1” from last winter
- **51,830,444** Cubic Ft. of snow plowed, swept and removed
- Average Weight: 19.394 lbs. / CF
- **502,600** Tons
- **1,005,199,635** lbs.
- Billion, like with a “B”?!?!



Winter Snow/Ice Statistics



Winter Snow/Ice Statistics



2017/18 Winter Season

Snow/Ice Control Summary