

Appendix: Network Risk Assessment Summary

NETWORK RISK ASSESSMENT SUMMARY					
Network / Park	#	Code	State	Risk	O3 Data
Southwest Alaska Network / No.1	5				
Alagnak Wild River		ALAG	AK	cannot eval	no data
Aniakchak NM & PRES		ANIA	AK	cannot eval	no data
Katmai NP & PRES		KATM	AK	cannot eval	no data
Kenai Fjords NP		KEFJ	AK	cannot eval	no data
Lake Clark NP & PRES		LACL	AK	cannot eval	no data
Arctic Alaska Network / No. 2	5				
Bering Land Bridge N PRES		BELA	AK	cannot eval	no data
Cape Krusenstern NM		CAKR	AK	cannot eval	no data
Gates of the Arctic NP & PRES		GAAR	AK	cannot eval	no data
Kobuk Valley NP		KOVA	AK	cannot eval	no data
Noatak N PRES		NOAT	AK	cannot eval	no data
Central Alaska Network / No.3	3				
Denali NP & Preserve		DENA	AK	low	monitored
Wrangell-St Elias NP & PRES		WRST	AK	cannot eval	no data
Yukon-Charley Rivers N PRES		YUCH	AK	cannot eval	no data
Southeast Alaska Network / No. 4	3				
Glacier Bay NP & PRES		GLBA	AK	cannot eval	no data
Klondike Gold Rush NHP		KLGO	AK	cannot eval	no data
Sitka NHP		SITK	AK	cannot eval	no data
Great Lakes Network / No. 5	10				
Apostle Islands NL		APIS	WI	low	kriged
Grand Portage NM		GRPO	MN	low	kriged
Indiana Dunes NL		INDU	IN	high	monitored
Isle Royale NP		ISRO	MI	low	kriged
Mississippi NRRRA		MISS	MN	low	kriged
Missouri NRA		MNRR	NB/S D	low	kriged
Pictured Rocks NL		PIRO	MI	moderate	kriged

Saint Croix/Lower St. Croix NSR		SACN	WI	low	kriged
Sleeping Bear Dunes NL		SLBE	MI	high	kriged
Voyageurs NP		VOYA	MN	low	monitored
Heartland Network/ No. 6	16				
Arkansas Post NM		ARPO	AR	moderate	kriged
Buffalo NR		BUFF	AR	low	kriged
Cuyahoga Valley NRA		CUVA	OH	high	kriged
Effigy Mounds NM		EFMO	IA	low	kriged
Fort Scott NHS		FOSC	KS	moderate	kriged
George Washington Carver NM		GWCA	MO	moderate	kriged
Herbert Hoover NHS		HEHO	IA	low	kriged
Homestead NM of America		HOME	NB	low	kriged
Hopewell Culture NHP		HOCU	OH	high	kriged
Hot Springs NP		HOSP	AR	low	kriged
Lincoln Boyhood NM		LIBO	IN	high	kriged
Ozark NSR		OZAR	MO	high	kriged
Pea Ridge NMP		PERI	AR	low	kriged
Pipestone NM		PIPE	MN	low	kriged
Tallgrass Prairie NP		TAPR	KS	moderate	kriged
Wilson's Creek NB		WICR	MO	low	kriged
Northern Great Plains Network / No.7	13				
Agate Fossil Beds NM		AGFO	NB	low	kriged
Badlands NP		BADL	SD	low	kriged
Devils Tower NM		DETO	WY	low	kriged
Fort Laramie NHS		FOLA	WY	low	kriged
Fort Union Trading Post NHS		FOUS	ND	low	kriged
Jewel Cave NM		JECA	SD	low	kriged
Knife River Indian Village NHS		KNRI	ND	low	kriged
Missouri NNR		MNRR	SD	low	kriged
Mount Rushmore N MEM		MORU	SD	low	kriged
Niobrara NSR		NIOB	NB	low	kriged
Scotts Bluff NM		SCBL	NB	low	kriged
Theodore Roosevelt NP		THRO	ND	low	monitored
Wind Cave NP		WICA	SD	low	kriged
Mid-Atlantic Network / No. 8	10				
Appomattox Court House NHP		APCO	VA	moderate	kriged
Booker T. Washington NM		BOWA	VA	moderate	kriged
Eisenhower NHS		EISE	PA	high	kriged
Fredericksburg & Spotsylvania NMP		FRSP	VA	high	kriged
Gettysburg NMP		GETT	PA	high	kriged

Hopewell Furnace NHS		HOFU	PA	high	kriged
Petersburg NB		PETE	VA	moderate	kriged
Richmond NBP		RICH	VA	moderate	kriged
Shenandoah NP		SHEN	VA	moderate	monitored
Valley Forge NHP		VAFO	PA	high	kriged
Eastern Rivers and Mountains Network / No. 9	9				
Allegheny Portage Railroad NHS		ALPO	PA	moderate	kriged
Bluestone NSR		BLUE	WV	moderate	kriged
Delaware Water Gap NRA		DEWA	PA	high	kriged
Fort Necessity NB		FONE	PA	high	kriged
Friendship Hill NHS		FRHI	PA	high	kriged
Gauley River NRA		GARI	WV	moderate	kriged
Johnstown Flood N MEM		JOFL	PA	moderate	kriged
New River Gorge NR		NERI	WV	moderate	kriged
Upper Delaware Scenic and Recreational River		UPDE	PA	high	kriged
Northeast Coastal and Barrier Network / No. 10	8				
Assateague Island NS		ASIS	MD	high	kriged
Cape Cod NS		CACO	MA	high	monitored
Colonial NHP		COLO	VA	high	kriged
Fire Island NS		FIIS	NY	high	kriged
Gateway NRA		GATE	NY	high	kriged
George Washington Birthplace NM		GEWA	VA	high	kriged
Sagamore Hill NHS		SAHI	NY	high	kriged
Thomas Stone NHS		THST	MD	high	kriged
Northeast Temperate Network / No. 11	10				
Acadia NP		ACAD	ME	moderate	monitored
Boston Harbor Islands NRA		BOHA	MA	moderate	kriged
Marsh-Billings NHP		MABI	VT	low	kriged
Minute Man NHP		MIMA	MA	moderate	kriged
Morristown NHP		MORR	NJ	high	kriged
Roosevelt-Vanderbilt Headquarters		ROVA	NY	high	kriged
Saint-Gaudens NHS		SAGA	NH	low	kriged
Saratoga NHP		SARA	NY	low	kriged
Saugus Iron Works NHS		SAIR	MA	moderate	kriged
Weir Farm NHS		WEFA	CT	high	kriged
National Capital Network / No. 12	12				
Antietam NB		ANTI	MD	high	kriged

Appalachian NST		APPA	WV	various	krig/monit
Catoctin Mountain Park		CATO	MD	high	kriged
Chesapeake & Ohio Canal NHP		CHOH	MD	high	kriged
George Washington Memorial PKWY		GWMP	VA	high	kriged
Harpers Ferry NHP		HAFE	WV	high	kriged
Manassas NBP		MANA	VA	high	kriged
Monocacy NB		MONO	MD	high	kriged
National Capital Parks-East		NACE	DC	high	kriged
Prince William Forest Park		PRWI	VA	high	kriged
Rock Creek Park		ROCR	DC	high	kriged
Wolf Trap Farm Park		WOTR	VA	high	kriged
Cumberland/Piedmont Network / No. 13	14				
Abraham Lincoln Birthplace NHS		ABLI	KY	moderate	kriged
Carl Sandburg Home NHS		CARL	NC	moderate	kriged
Chickamauga & Chattanooga NMP		CHCH	GA	high	kriged
Cowpens NB		COWP	SC	high	monitored
Cumberland Gap NHP		CUGA	KY	high	kriged
Fort Donelson NB		FODO	TN	high	kriged
Guilford Courthouse NMP		GUCO	NC	high	kriged
Kings Mountain NMP		KIMO	SC	high	kriged
Little River Canyon NPRES		LIRI	AL	high	kriged
Mammoth Cave NP		MACA	KY	high	monitored
Ninety Six NHS		NISI	SC	low	kriged
Russell Cave NM		RUCA	AL	moderate	kriged
Shiloh NMP		SHIL	TN	high	kriged
Stones River NB		STRI	TN	high	kriged
Southeast Coast Network / No. 14	17				
Canaveral NS		CANA	FL	low	kriged
Cape Hatteras NS		CAHA	NC	moderate	kriged
Cape Lookout NS		CALO	NC	moderate	kriged
Castillo de San Marcos NM		CASA	FL	low	kriged
Chattahoochee River NRA		CHAT	GA	high	kriged
Congaree Swamp NM		COSW	SC	low	monitored
Cumberland Island NS		CUIS	GA	low	kriged
Fort Caroline NM		FOCA	FL	low	kriged
Fort Frederica NM		FOFR	GA	low	kriged
Fort Matanzas NM		FOMA	FL	low	kriged
Fort Pulaski NM		FOPU	GA	low	kriged
Fort Sumter NM		FOSU	SC	low	kriged
Horseshoe Bend NMP		HOBE	AL	moderate	kriged
Kennesaw Mountain NBP		KEMO	GA	high	kriged
Moore's Creek NB		MOCR	NC	moderate	kriged

Ocmulgee NM		OCMU	GA	high	kriged
Timucuan Ecological & Hist Preserve		TIMU	FL	low	kriged
Gulf Coast Network / No. 15	8				
Big Thicket N PRES		BITH	TX	high	kriged
Gulf Islands NS		GUIS	FL	low	kriged
Jean Lafitte NHP & PRES		JELA	LA	moderate	kriged
Natchez Trace NST		NATR	MS	various	krig/monit
Padre Island NS		PAIS	TX	low	kriged
Palo Alto Battlefield NHS		PAAL	TX	low	kriged
San Antonio Missions NHP		SAAN	TX	moderate	kriged
Vicksburg NMP		VICK	MS	low	kriged
Appalachian Highlands Network / No. 16	4				
Big South Fork NRR		BISO	TN	high	kriged
Blue Ridge PKWY		BLRI	NC	low	kriged
Great Smoky Mountains NP		GRSM	TN	high	monitored
Obed Wild and Scenic River		OBRI	TN	high	kriged
South Florida/Caribbean Network / No. 17	6				
Big Cypress N PRES		BICY	FL	low	kriged
Biscayne NP		BISC	FL	low	kriged
Buck Island Reef NM		BUIS	VI	low	kriged
Dry Tortugas NP		DRTO	FL	cannot eval	no data
Everglades NP		EVER	FL	low	monitored
Virgin Islands NP		VIIS	VI	low	monitored
Northern Colorado Plateau Network / No. 18	16				
Arches NP		ARCH	UT	low	kriged
Black Canyon of the Gunnison NM		BLCA	CO	low	kriged
Bryce Canyon NP		BRCA	UT	low	kriged
Canyonlands NP		CANY	UT	low	monitored
Capitol Reef NP		CARE	UT	low	kriged
Cedar Breaks NM		CEBR	UT	low	kriged
Colorado NM		COLM	CO	low	kriged
Curecanti NRA		CURE	CO	low	kriged
Dinosaur NM		DINO	CO	low	kriged
Fossil Butte NM		FOBU	WY	moderate	kriged
Golden Spike NHS		GOSP	UT	moderate	kriged
Hovenweep NM		HOVE	CO	low	kriged
Natural Bridges NM		NABR	UT	low	kriged
Pipe Spring NM		PISP	AZ	low	kriged

Timpanogos Cave NM		TICA	UT	moderate	kriged
Zion NP		ZION	UT	low	kriged
Rocky Mountain Network / No. 19	6				
Florissant Fossil Beds NM		FLFO	CO	low	kriged
Glacier NP		GLAC	MT	low	monitored
Grant-Kohrs Ranch NHS		GRKO	MT	low	kriged
Great Sand Dunes NM		GRSA	CO	low	kriged
Little Bighorn Battlefield NM		LIBI	MT	low	kriged
Rocky Mountain NP		ROMO	CO	low	monitored
Greater Yellowstone Network / No. 20	3				
Bighorn Canyon NRA		BICA	MT	low	kriged
Grand Teton NP		GRTE	WY	low	kriged
Yellowstone NP		YELL	WY	low	monitored
Southern Colorado Plateau Network / No. 21	19				
Aztec Ruins NM		AZRU	NM	low	kriged
Bandelier NM		BAND	NM	low	kriged
Canyon de Chelly NM		CACH	AZ	low	kriged
Chaco Culture NHP		CHCU	NM	low	kriged
El Malpais NM		ELMA	NM	low	kriged
El Morro NM		ELMO	NM	low	kriged
Glen Canyon NRA		GLCA	UT	low	kriged
Grand Canyon NP		GRCA	AZ	low	monitored
Hubbell Trading Post NHS		HUTR	AZ	low	kriged
Mesa Verde NP		MEVE	CO	low	monitored
Navajo NM		NAVA	AZ	low	kriged
Petrified Forest NP		PEFO	AZ	moderate	kriged
Petroglyph NM		PETR	NM	low	kriged
Rainbow Bridge NM		RABR	UT	low	kriged
Salinas Pueblo Missions NM		SAPU	NM	low	kriged
Sunset Crater Volcano NM		SUCR	AZ	moderate	kriged
Walnut Canyon NM		WACA	AZ	moderate	kriged
Wupatki NM		WUPA	AZ	moderate	kriged
Yucca House NM		YUHO	CO	low	kriged
Southern Plains Network / No. 22	9				
Alibates Flint Quarries NM		ALFL	TX	low	kriged
Bent's Old Fort NHS		BEOL	CO	low	kriged
Capulin Volcano NM		CAVO	NM	low	kriged
Chickasaw NRA		CHIC	OK	high	kriged

Fort Larned NHS		FOLS	KS	low	kriged
Fort Union NM		FOUN	NM	low	kriged
Lake Meredith NRA		LAMR	TX	low	kriged
Lyndon B. Johnson NHP		LYJO	TX	moderate	kriged
Pecos NHP		PECO	NM	low	kriged
Sonoran Desert Network / No. 23	11				
Casa Grande Ruins NM		CAGR	AZ	low	kriged
Chiricahua NM		CHIR	AZ	low	monitored
Coronado NMEM		CORO	AZ	low	kriged
Fort Bowie NHS		FOBO	AZ	low	kriged
Gila Cliff Dwellings NM		GICL	NM	low	kriged
Montezuma Castle NM		MOCA	AZ	moderate	kriged
Organ Pipe Cactus NM		ORPI	AZ	moderate	kriged
Saguaro NP		SAGU	AZ	low	monitored
Tonto NM		TONT	AZ	moderate	kriged
Tumacacori NHP		TUMA	AZ	low	kriged
Tuzigoot NM		TUZI	AZ	low	kriged
Chihuahuan Desert Network / No. 24	7				
Amistad NRA		AMIS	TX	moderate	kriged
Big Bend NP		BIBE	TX	low	monitored
Carlsbad Caverns NP		CAVE	NM	low	kriged
Chamizal NM		CHAM	TX	low	monitored
Fort Davis NHS		FODA	TX	low	kriged
Guadalupe Mountains NP		GUMO	TX	low	kriged
White Sands NM		WHSA	NM	low	kriged
North Coast and Cascades Network / No. 25	8				
Ebey's Landing NH Reserve		EBLA	WA	low	kriged
Fort Clatsop NM		FOCL	OR	low	kriged
Fort Vancouver NHS		FOVA	WA	low	kriged
Lake Roosevelt NRA		LARO	WA	low	kriged
Mount Rainier NP		MORA	WA	low	monitored
North Cascades NP		NOCA	WA	low	monitored
Olympic NP		OLYM	WA	low	monitored
San Juan Island NHP		SAJH	WA	low	kriged
Northern Semi-Arid Network / No. 26	7				
Big Hole NB		BIHO	MT	low	kriged
City of Rocks N RES		CIRO	ID	moderate	kriged
Craters of the Moon NHP		CRMO	ID	low	monitored

Hagerman Fossil Beds NM		HAFO	ID	low	kriged
John Day Fossil Beds NM		JODA	OR	low	kriged
Nez Perce NHP		NEPE	ID	low	kriged
Whitman Mission NHS		WHMI	WA	low	kriged
San Francisco Bay Area Network / No. 27	5				
Golden Gate NRA		GOGA	CA	low	kriged
John Muir NHS		JOMU	CA	high	kriged
Muir Woods NM		MUWO	CA	moderate	kriged
Pinnacles NM		PINN	CA	high	monitored
Point Reyes NS		PORE	CA	low	kriged
Mojave Desert Network / No. 28	6				
Death Valley NP		DEVA	CA	low	monitored
Great Basin NP		GRBA	NV	low	monitored
Joshua Tree NP		JOTR	CA	high	monitored
Lake Mead NRA		LAME	NV	low	kriged
Manzanar NHS		MANZ	CA	high	kriged
Mojave N PRES		MOJA	CA	high	kriged
Mediterranean Coast Network / No. 29	3				
Cabrillo NM		CABR	CA	low	kriged
Channel Islands NP		CHIS	CA	low	monitored
Santa Monica Mountains NRA		SAMO	CA	high	kriged
Sierra Nevada Network / No. 30	3				
Devils Postpile NM		DEPO	CA	high	kriged
Sequoia & Kings Canyon NP		SEKI	CA	high	monitored
Yosemite NP		YOSE	CA	high	monitored
Pacific Island Network / No. 31	9				
American Memorial Park		AMME	MP	cannot eval	no data
Haleakala NP		HALE	HI	cannot eval	no data
Hawaii Volcanoes NP		HAVO	HI	cannot eval	no data
Kalaupapa NHP		KALA	HI	cannot eval	no data
Kaloko-Honokohau NHP		KAHO	HI	cannot eval	no data
National Park of American Samoa		NPSA	AS	cannot eval	no data
Pu'uhonua o Honaunau NHP		PUHO	HI	cannot eval	no data
Puukohola Heiau NHS		PUHE	HI	cannot eval	no data
War in the Pacific NHP		WAPA	GU	cannot eval	no data

Klamath Network / No. 32	6				
Crater Lake NP		CRLA	OR	moderate	kriged
Lassen Volcanic NP		LAVO	CA	low	monitored
Lava Beds NM		LABE	CA	moderate	kriged
Oregon Caves NM		ORCA	OR	moderate	kriged
Redwood NP		REDW	CA	moderate	kriged
Whiskeytown-Shasta-Trinity NRA		WHIS	CA	high	kriged
Appalachian National Scenic Trail	30				
Dawsonville			GA	moderate	monitored
Great Smokey Mountain NP		GRSM	NC	high	monitored
Bryson City			NC	low	monitored
Mount Mitchell			NC	moderate	monitored
Lenoir			NC	moderate	monitored
Kingsport			TN	high	monitored
Blountville			TN	moderate	monitored
Rural Retreat			VA	low	monitored
Bluestone NSR		BLUE	WV	moderate	kriged
Vinton			VA	low	monitored
Glenwood-Pedlar Ranger Station			VA	low	monitored
Shenandoah NP		SHEN	VA	moderate	monitored
Rest			VA	low	monitored
Harpers Ferry NHP		HAFE	WV	high	kriged
Catoctin Mountain Park		CATO	MD	high	kriged
Gettysburg NMP		GETT	PA	high	kriged
Little Buffalo State Park			PA	moderate	monitored
Kutztown University			PA	moderate	monitored
Kunkletown			PA	moderate	monitored
Delaware Water Gap NRA		DEWA	PA	high	kriged
Montgomery			NY	high	monitored
Roosevelt-Vanderbilt Headquarters		ROVA	NY	high	kriged
Torrington			CT	high	monitored
Mount Greylock			MA	low	monitored
Bennington			VT	low	monitored
Marsh-Billings NHP		MABI	VT	low	kriged
Saint-Gaudens NHS		SAGA	VT	low	kriged
Haverhill			NH	low	monitored
Mount Washington			NH	low	monitored
Greenville			ME	low	monitored
Natchez Trace National Scenic Trail	9				
Natchez			MS	low	monitored
Vicksburg NMP		VICK	MS	low	kriged

Jackson			MS	low	monitored
Ackerman			MS	low	monitored
Tupelo			MS	high	monitored
Shiloh NMP		SHIL	TN	high	kriged
Busby			TN	moderate	monitored
Fairview			TN	low	monitored
Stones River NB		STRI	TN	high	kriged