Table 1a

Data Collection Statistics 01/01/2019 - 12/31/2019

National Park Service Gaseous Pollutant Monitoring Program

Parameter % valid

		Farameter // Valid													
National Park Unit	Site Name	О3	SO2	SO2ADD	СО	NOX	PM2.5	PM10	VWD	sws	TMP	RH	RNF	SOL	FLOW
Big Bend	K-Bar Ranch Road	93.8							95.7	95.9	86.1	96.3	95.8	96.3	95.9
Canyonlands	Island in the Sky	98.8							99.1	99.1	99.3	99.3	99.3	99.4	97.8
Carlsbad Caverns	Biology Building	95.6			76.7				99.4	99.4	99.7	99.7	78.2	99.7	
Chaco Culture	Radio Repeater	95.0				95.4			99.4	99.4	99.6	99.6	99.3	99.1	
Chiricahua	Entrance Station	98.7							99.3	99.3	99.4	99.4	96.4	99.3	99.4
Craters of the Moon	Visitor Center	98.9							98.0	98.0	80.5			99.4	
Death Valley	Park Village	95.5							74.8	98.9	98.9				
Denali	Headquarters	97.4							95.7	95.7	99.0	99.0	99.8	99.9	99.6
Dinosaur	West Entrance Housing	98.1							98.1	98.1	99.1		99.6	99.8	99.1
Everglades	Beard Center								99.8	99.8	99.9	99.9	92.1	97.3	97.0
Glacier	West Glacier Horse Stables	99.2							98.7	98.7	99.9			99.9	99.7
Grand Canyon	The Abyss	97.3							35.9	99.3	85.9	88.5	93.1	99.3	99.5
Grand Teton	Science School	99.0							99.5	99.5	99.7	99.7	99.3	99.7	
Great Basin	Maintenance Yard	98.8							98.3	98.3	99.3	82.8	98.9	99.4	95.8
Great Smoky Mountains	Cades Cove	97.3							98.9	98.9	98.3	98.3	98.4	99.0	
Great Smoky Mountains	Clingmans Dome	97.9							98.7	98.7	98.6	98.4	98.1	98.7	
Great Smoky Mountains	Cove Mountain	99.5							98.8	98.8	99.9	99.1	86.2		
Great Smoky Mountains	Look Rock	98.5					98.8		99.3	99.3	99.3	98.2	98.8	99.6	99.3
Great Smoky Mountains	Look Rock NCORE		89.9		86.7										
Hawaii Volcanoes	Visitor Center		84.5	84.6			37.6		97.9	97.9	97.9	94.7	97.6	97.7	
Joshua Tree	Black Rock	99.2							99.2	99.2	99.7	99.8	99.5	100.0	80.1
Joshua Tree	Cottonwood Canyon														
Lassen Volcanic	Manzanita Lake Fire Stn.	91.3							87.2	90.7	88.2	91.7	88.2	91.8	91.5
Mammoth Cave	Houchin Meadow	96.1	90.5		87.6				99.9	99.9	99.9	99.8	99.7	100.0	99.6
Mesa Verde	Resource Mngment Area	97.0							94.5	94.5	98.2	98.3	92.0	98.0	97.7
Minidoka	Maintenance Building						97.6			99.5	99.9	99.9			
Petrified Forest	South Entrance	97.8							29.0	99.9	100.0			100.0	97.9
Pinnacles	SW of East Entrance Stn.	98.2							36.4	97.1	98.9	99.0	97.5	99.0	98.4
Rocky Mountain	Long's Peak	98.4							99.3	99.3	99.9	99.5	99.7	100.0	91.0
Sequoia and Kings Canyon	Ash Mountain	98.1					28.7		98.9	98.9	98.9	99.0	98.7	99.0	98.8
Sequoia and Kings Canyon	Lower Kaweah	98.8							98.4	98.4	99.2	99.2	99.7	99.2	
Shenandoah	Big Meadows	98.6							98.1	98.1	99.3	91.4	99.0	99.3	99.1
Voyageurs	Sullivan Bay	96.5							99.0	99.0	99.6	92.9	99.4	99.9	95.3
Yellowstone	Old Faithful Snow Lodge				94.5	71.7	85.9		99.3	99.3	99.7	99.7			
Yellowstone	Water Tank	91.3							83.1	83.1	98.9	98.9	98.7	97.6	99.0
Yellowstone	West Entrance				82.4	79.4	98.2		98.8	98.8	99.8	99.8			_
Yosemite	Turtleback Dome	98.5							97.1	97.1	74.9	99.7	99.5	99.8	99.0

Table 1a (continued)

Data Collection Statistics 01/01/2019 - 12/31/2019

National Park Service Gaseous Pollutant Monitoring Program

Parameter % valid

National Park Unit	Site Name	О3	SO2	SO2ADD	СО	NOX	PM2.5	PM10	VWD	sws	TMP	RH	RNF	SOL	FLOW
Zion	Dalton's Wash	97.9							99.7	99.8	99.9		98.4	100.0	
Average Network Data Collection		97.3	88.3	84.6	85.6	82.2	74.5		91.5	97.9	97.1	97.4	96.6	98.9	96.8

Key:

O3 = Ozone NOX = Oxides of Nitrogen
SO2 = Sulfur Dioxide PM2.5 = Particulate Matter 2.5
SO2Add = Sulfur Dioxide PM10 = Particulate Matter 10
VWD = Vector Wind Direction

SWS = Scalar Wind Speed

TMP = Ambient Temperature RH = Relative Humidity RNF = Precipitation SOL = Solar Radiation

FLOW = Filter Pack Flow Rate

Performance Goals:

Quarterly Criteria:

100% of sites, >= 85% valid data capture 90% of sites, >= 90% valid data capture 80% of sites, >= 95% valid data capture

Monthly Criteria:

100% of sites, >= 60% valid data capture 90% of sites, >= 75% valid data capture 80% of sites, >= 85% valid data capture

Font color key:

Black: 85% - 100% data recovery

Blue: 75% - 84.9% data recovery

Orange: 60% - 74.9% data recovery

Red: 0% - 59.9% data recovery

Table 1b

Data Collection Statistics 01/01/2019 - 12/31/2019

National Park Service Gaseous Pollutant Monitoring Program

Parameter % valid

National Park Unit	Site Name	О3	SO2	SO2ADD	СО	NOX	PM2.5	PM10	VWD	sws	TMP	RH	RNF	SOL	FLOW
Meeker	Plant Science	95.5				95.5	75.7		98.8	98.8	100.0	100.0	99.4	99.5	99.5
Rangely	Golf Course	96.9				96.1	97.8		99.6	99.6	99.9	99.9	99.4	99.9	
Average Network Data Collection		96.2				95.8	86.8		99.2	99.2	100.0	100.0	99.4	99.7	99.5

Key:

O3 = Ozone SO2 = Sulfur Dioxide SO2Add = Sulfur Dioxide CO = Carbon Monoxide

NOX = Oxides of Nitrogen PM2.5 = Particulate Matter 2.5 PM10 = Particulate Matter 10 VWD = Vector Wind Direction

SWS = Scalar Wind Speed

TMP = Ambient Temperature RH = Relative Humidity RNF = Precipitation SOL = Solar Radiation

FLOW = Filter Pack Flow Rate

Performance Goals:

Quarterly Criteria:

100% of sites, >= 85% valid data capture 90% of sites, >= 90% valid data capture 80% of sites, >= 95% valid data capture

Monthly Criteria:

100% of sites, >= 60% valid data capture 90% of sites, >= 75% valid data capture 80% of sites, >= 85% valid data capture

Font color key:

85% - 100% data recovery Black: Blue: 75% - 84.9% data recovery Orange: 60% - 74.9% data recovery Red 0% - 59.9% data recovery

Table 1c

Data Collection Statistics 01/01/2019 - 12/31/2019

National Park Service Gaseous Pollutant Monitoring Program

Parameter % valid

								aramete	1 /0 Vall	ч					
National Park Unit	Site Name	О3	SO2	SO2ADD	СО	NOX	PM2.5	PM10	VWD	sws	TMP	RH	RNF	SOL	FLOW
Acadia	Cadillac Mountain	96.3							99.4	99.4	99.9	99.9			
Acadia	McFarland Hill	94.8	98.0		97.3		92.9		98.9	99.0	99.0	99.0	98.9	99.0	98.6
Badlands	Visitor Center	98.3	96.7			96.5	98.4	97.9							
Cape Cod		98.2								99.7	99.7	99.7		99.7	
Chamizal		91.3							99.9	99.9	95.6	99.9		53.6	
Congaree	Congaree Bluff	98.2	98.3												
Everglades	Cutler Road	97.9													
Great Smoky Mountains	Purchase Knob	94.7													
Indiana Dunes	Ammunition Bunker	87.3	85.3				90.5		76.9	76.9	86.7	86.7		86.5	
Mount Rainier	Jackson Visitor's Center	88.1													
Saguaro	East	99.4							99.9		100.0	99.9			
Theodore Roosevelt	Painted Cany. VC	94.6	98.5				99.0		98.7	98.7	73.8	99.7	99.5	99.6	99.3
Wind Cave	Visitor Center	98.7					97.9	95.9	99.6	99.6	99.7	99.7	99.6	99.7	99.1
Yosemite	Village							91.5							
Average Network Data Collection		95.2	95.4		97.3	96.5	95.7	95.1	96.2	96.2	94.3	98.1	99.3	89.7	99.0

Key:

O3 = Ozone SO2 = Sulfur Dioxide SO2Add = Sulfur Dioxide CO = Carbon Monoxide NOX = Oxides of Nitrogen PM2.5 = Particulate Matter 2.5 PM10 = Particulate Matter 10 VWD = Vector Wind Direction SWS = Scalar Wind Speed TMP = Ambient Temperature
RH = Relative Humidity
RNF = Precipitation
SOL = Solar Radiation
FLOW = Filter Pack Flow Rate

Performance Goals:

Quarterly Criteria: 100% of sites, >= 85% valid data capture

90% of sites, >= 90% valid data capture 80% of sites, >= 95% valid data capture

Monthly Criteria:

100% of sites, >= 60% valid data capture 90% of sites, >= 75% valid data capture 80% of sites, >= 85% valid data capture

Font color key:

Black: 85% - 100% data recovery

Blue: 75% - 84.9% data recovery

Orange: 60% - 74.9% data recovery

Red: 0% - 59.9% data recovery

Table 2. Ozone Analyzer Precision and Accuracy Summary Sites Operated by the National Park Service National Park Service Gaseous Pollutant Monitoring Program, 2019

				Precisio	n		As-Found	Verification Mul	ti-Point
National Park Unit	Site Name	Calendar Quarter	Required No. of Precision Checks Met? ¹	Avg. Absolute Percent Difference ^{3,4}	Lower 95% Probability Limit ⁶	Upper 95% Probability Limit ⁶	Accuracy Check Performed During the Quarter? ²	Avg. Absolute Percent Difference ^{3,4}	Max. Absolute Percent Difference ⁵
Big Bend	K-Bar Ranch Road	1	Υ	0.2	-3.0	2.5	Y	0.3	0.6
		2	Υ	1.4	-3.4	0.7	Y	2.9	4.5
		3	Υ	3.8	-6.5	-1.1	N		
		4	Y	0.6	-5.5	4.2	Y	0.6	1.5
Canyonlands	Island in the Sky	1	Y	0.5	-0.6	1.6	N		
		2	Y	2.5	-1.5	6.4	Y	0.6	0.9
		3	Y	0.6	-0.9	2.0	Y	1.1	1.4
O and a based O accounts	Distance Desirations	4	Y	0.9	0.1	1.7	N	_	_
Carlsbad Caverns	Biology Building	1	_	_		_	_		_
		2 3	 Y	1.8	-3.9	0.2			_
		4	Y	1.0	-3.9 -3.6	1.1	N N	<u> </u>	<u> </u>
Chaco Culture	Radio Repeater	1	V	4.2	3.5	5.0	Y	0.5	0.7
Onaco Guitare	radio repeater	2	Ÿ	3.2	0.4	6.0	Ϋ́	0.4	0.7
		3	Ϋ́	3.0	2.1	3.9	Ϋ́	1.1	1.2
		4	Ý	2.0	-1.3	5.3	Ϋ́	0.7	1.6
Chiricahua	Entrance Station	1	Ϋ́	2.1	-0.6	4.8	N N		
		2	Ý	3.3	1.6	5.1	N		
		3	Υ	3.2	1.9	4.4	N		_
		4	Υ	2.2	-0.2	4.5	Υ	2.2	3.1
Craters of the Moon	Visitor Center	1	Υ	0.3	-2.6	2.0	N	_	_
		2	Υ	1.0	-2.3	0.4	N		_
		3	Υ	0.6	-2.3	1.2	Y	2.2	3.2
		4	Υ	0.9	-3.0	1.2	Υ	0.3	0.6
Denali	Headquarters	1	Υ	0.2	-0.9	0.6	N		
		2	Υ	1.1	-2.6	4.8	Y	0.2	0.5
		3	Y	3.0	0.5	5.6	Y	2.4	3.7
5 " " "	2 1 1 2 2 2	4	Y	0.4	-3.7	2.9	N		
Death Valley	Park Village	1	Y	0.5	-0.5	1.5	Y	1.4	1.9
		2	Y	0.7	-0.3	1.8	N	_	_
		3	Y	0.3	-2.6	3.2	N V		2.8
Dinocour	West Entrance Hausing	4 1	Y	0.6 2.0	-0.5 -5.0	1.6 0.9	Y N	2.3	2.8
Dinosaur	West Entrance Housing	2	ĭ V	2.0 1.7	-5.0 -3.5	0.9 0.1	Y	0.3	0.6
		3	Y	1.7	-3.5 -2.8	-0.2	Y	0.3	0.6
		4	Y	0.7	-2.0 -1.8	-0.2 0.4	N N	<u> </u>	
		4	ī	0.7	-1.0	0.4	l IN		

Table 2 (continued). Ozone Analyzer Precision and Accuracy Summary Sites Operated by the National Park Service National Park Service Gaseous Pollutant Monitoring Program, 2019

				Precisio	n		As-Found	Verification Mul	ti-Point
National Park Unit	Site Name	Calendar Quarter	Required No. of Precision Checks Met? ¹	Avg. Absolute Percent Difference ^{3,4}	Lower 95% Probability Limit ⁶	Upper 95% Probability Limit ⁶	Accuracy Check Performed During the Quarter? ²	Avg. Absolute Percent Difference ^{3,4}	Max. Absolute Percent Difference ⁵
Glacier	West Glacier Horse Stabl	les 1	Υ	0.1	-1.2	1.0	N	_	_
		2	Υ	0.5	-2.2	1.2	Y	1.4	1.7
		3	Υ	1.7	-3.4	0.1	Y	0.6	1.4
		4	Y	0.1	-1.0	0.8	N	_	_
Great Basin	Maintenance Yard	1	Y	0.3	-1.4	0.8	N		
		2	Y	0.6	-2.8	1.6	Y	2.0	2.5
		3	Y	0.3	-2.7 -1.3	3.2 2.4	Y	1.4	3.3
Grand Canyon	The Abyss	4	Y	0.5 0.9	-1.3 -3.4	1.6	N N		
Grand Carryon	The Abyss	2	l '	0.8	-3. 4 -2.2	0.7	Y	0.6	0.9
		3	Ϋ́	2.1	-3.2	-0.9	N		
		4	Ϋ́	1.1	-3.0	0.8	Ϋ́Υ	2.7	3.6
Great Smoky Mountains	Cades Cove	1	Ý	0.1	-3.8	4.0	Ň		
,		2	Ϋ́	0.3	-3.7	4.2	Y	1.7	2.6
		3	Υ	0.5	-2.0	2.9	N		_
		4	N	0.9	-1.8	3.6	Y	1.2	2.4
Great Smoky Mountains	Clingmans Dome	1	_	_	_	_	_	_	_
		2	Y	0.3	-3.3	3.9	Y	3.9	4.3
		3	Υ	0.7	-2.6	1.2	N	_	_
		4	Y	0.9	-2.3	0.6	Y	2.7	3.6
Great Smoky Mountains	Cove Mountain	1	Y	0.4	-0.6	1.4	N		_
		2	Y	0.6	-1.8	0.6	Y	2.5	3.0
		3 4	Y	1.6 0.7	-2.5 -2.1	-0.8 0.8	N Y	0.7	1.0
Great Smoky Mountains	Look Rock	4	Y	2.1	-2.1 -3.0	-1.2	N N	0.7	1.0
Great Smoky Mountains	LOOK ROCK	2	Y	0.6	-3.0 -3.1	-1.2 1.9	Y	2.2	2.9
		3	Ϋ́	0.7	-0.5	1.9	N		
		4	Ϋ́	0.8	-1.0	2.6	Ϋ́	0.4	1.0
Grand Teton	Science School	1	Ϋ́	0.8	-2.4	0.8	N N		
		2	Υ	2.6	-4.9	-0.3	Y	1.1	1.4
		3	Υ	1.4	-3.2	0.4	Υ	8.0	1.6
		4	Υ	2.9	-5.1	-0.6	N	_	
Joshua Tree	Black Rock	1	Υ	0.2	-1.1	1.4	Υ	0.7	1.4
		2	Υ	0.1	-0.8	0.7	N	_	
		3	Y	1.1	-2.2	0.1	N		
		4	Y	0.6	-2.9	1.8	Y	2.1	2.9
Joshua Tree	Cottonwood Visitor Cente		Y	1.1	-0.6	2.8	Y	1.3	1.5
		2	Y	0.5	-2.2	1.2	N		
		3	Y	1.8	- 2.7	-0.9	N		
		4	Y	1.4	-3.9	1.1	Y	0.3	0.9

Table 2 (continued). Ozone Analyzer Precision and Accuracy Summary Sites Operated by the National Park Service National Park Service Gaseous Pollutant Monitoring Program, 2019

				Precisio	n		As-Found	Verification Mult	i-Point
National Park Unit	Site Name	Calendar Quarter	Required No. of Precision Checks Met? ¹	Avg. Absolute Percent Difference 3,4	Lower 95% Probability Limit ⁶		Accuracy Check Performed During the Quarter? ²	Avg. Absolute Percent Difference ^{3,4}	Max. Absolute Percent Difference ⁵
Lassen Volcanic	Manzanita Lake Fire Stn	. 1	Υ	0.0	-1.0	1.0	N	_	_
		2	Υ	0.6	-3.2	2.1	Υ	2.8	4.6
		3	Y	1.7	0.9	2.4	N	.	
		4	Y	0.9	-0.7	2.5	Y	0.6	0.8
Mammoth Cave	Houchin Meadow	1	Y	0.3	-1.8	1.1	Y	2.2	2.5
		2	Y	1.5	-5.4	2.4	N		
		3	Y	3.3	-7.4	0.9	Y	1.7	3.3
Maranta	D	4	Y	1.6	-5.8	2.5	Y	4.6	9.9
Mesa Verde	Resource Mngment Area		Y	0.1	-1.1	1.0	N		4.6
		2 3	Y	1.4	-4.5	7.4	Y	1.2	1.6
		3	Ϋ́Υ	2.4	-4.7	0.0 2.6	N		_
Petrified Forest	South Entrance	4	Y	0.1 0.8	-2.5 0.0	1.5	N Y	0.2	0.4
retilled Folest	South Entrance	2	Y	0.6 0.1	-0.9	1.1	N	0.2	0.4
		3	V	0.1	-0.9 -1.2	0.3	N N		
		4	Ϋ́	0.7	-1.2 -1.7	3.0	Y	0.2	0.4
Pinnacles	SW of East Entrance Stn	1	Y	0.4	-1.2	2.1	N		
T IIII GOICO	OVV OF EAST ENTITUTION OUT	2	Ý	1.3	-4.1	1.6	Ϋ́	1.3	2.3
		3	Ý	3.3	-5.1	-1.6	Ý	1.8	4.0
		4	Ý	0.2	-2.2	2.5	Ň		——
Rocky Mountain	Long's Peak	1	Ϋ́	1.5	-0.1	3.0	N	_	_
· · · · · · · · · · · · · · · · · · ·		2	Ϋ́	0.6	-4.1	2.9	Y	0.3	0.7
		3	Υ	0.9	-2.8	1.0	Υ	2.3	2.7
		4	Υ	0.0	-1.0	1.0	N		
Sequoia and Kings Canyor	Ash Mountain	1	Υ	1.2	-3.0	0.7	N	_	_
,		2	Υ	1.1	-2.7	0.6	N	_	
		3	Υ	0.2	-3.1	3.5	Υ	3.7	5.2
		4	Υ	1.3	-4.3	1.7	Υ	3.9	4.5
Sequoia and Kings Canyor	Lower Kaweah	1	_				_	_	_
		2	Υ	2.3	1.0	3.7	N		_
		3	Υ	0.3	-1.0	1.7	Υ	1.0	1.5
		4	Y	0.3	-0.8	1.5	Y	1.0	1.8

Table 2 (continued). Ozone Analyzer Precision and Accuracy Summary Sites Operated by the National Park Service National Park Service Gaseous Pollutant Monitoring Program, 2019

				Precisio	n		As-Found	Verification Mul	ti-Point
National Park Unit	Site Name	Calendar Quarter	Required No. of Precision Checks Met? ¹	Avg. Absolute Percent Difference ^{3,4}	Lower 95% Probability Limit ⁶		Accuracy Check Performed During the Quarter? ²	Avg. Absolute Percent Difference ^{3,4}	Max. Absolute Percent Difference ⁵
Shenandoah	Big Meadows	1	Y	0.2	-2.1	2.4	Υ	1.5	1.6
	_	2	Υ	2.9	-4.6	-1.2	N	_	_
		3	Υ	3.2	-5.9	-0.5	Υ	0.3	0.5
		4	Υ	1.2	-4.1	1.7	N	_	_
Voyageurs	Sullivan Bay	1	Y	2.1	-1.1	5.2	N		_
		2	Υ	1.3	-1.3	3.9	Y	1.3	2.8
		3	Υ	2.3	0.4	4.1	N	_	_
		4	Υ	0.7	-1.1	2.5	N	_	_
Yellowstone	Water Tank	1	N	1.3	-7.7	<mark>10.4</mark>	N	-	_
		2	Y	2.5	-4.6	-0.5	Υ	1.7	2.6
		3	N	0.7	-2.3	0.9	Υ	0.4	1.0
		4	Y	0.8	-1.9	0.3	N	-	_
Yosemite	Turtleback Dome	1	Υ	0.8	-2.1	0.6	N	_	_
		2	Υ	1.4	-2.8	-0.1	Υ	0.5	1.3
		3	Υ	1.8	-3.0	-0.5	N	_	_
		4	Υ	0.3	-2.2	1.7	Υ	1.2	1.5
Zion	Dalton's Wash	1	Υ	1.0	-0.9	2.9	N	-	_
		2	Υ	0.5	-2.5	1.6	Υ	1.8	1.9
		3	Υ	0.9	-2.6	0.8	Υ	0.3	0.6
		4	Υ	0.9	-2.1	0.2	N	<u> </u>	_

Table 2 (continued). Ozone Analyzer Precision and Accuracy Summary Sites Operated by the National Park Service National Park Service Gaseous Pollutant Monitoring Program, 2019

Operating agency key:	Color shading key:
plain text = site operated by the National Park Service italics = site operated by a state agency underline= site operated by the National Park Service, but consisting of non- EPA certified portable instrumentation	Ideal: indicates a percent difference within +/-5% or a probability limit within +/-10% Acceptable: indicates a percent difference between +/-5.1-10% or a probability limit between +/-10.1-15% Unacceptable: indicates a percent difference greater than +/-10% or a probability limit greater than +/-15%
	minit greater than 17-1070

- 1. Precision checks are required by the Environmental Protection Agency (EPA) of all pollutant analyzers collecting data which are to be submitted to the EPA Air Quality System (AQS). A precision check is performed by challenging the pollutant analyzer with a known concentration of gas from the pollutant transfer standard. This precision check must be performed at least every 14 days of monitoring operation. The percent difference between the analyzer and the transfer standard is then calculated.³ According to NPS Standard Operating Procedures, the pollutant analyzer must respond within 10% of the
- 2. Accuracy checks are required by the Environmental Protection Agency (EPA) of all pollutant analyzers collecting data which are to be submitted to the EPA Air Quality System (AQS). An accuracy check is performed by challenging the pollutant analyzer with a known concentration of gas from the pollutant transfer standard at several different points. The percent difference between the analyzer and the transfer standard is then calculated.³ According to NPS Standard Operating Procedures, the pollutant analyzer must respond within 10% of the transfer standard. All accuracy checks reported here were performed by the reporting organization and not by an outside auditor.
- 3. Percent Difference = ((analyzer transfer std)/transfer std)x100
- 4. Average Absolute Percent Difference is the mean of the absolute value of all individual precision check percent differences during the quarter, or the mean of the absolute value of all the percent differences from each point challenged during an accuracy check.
- 5. Maximum Absolute Percent Difference is the highest percent difference from the points of a multipoint (or accuracy) calibration.
- 6. Upper/Lower 95% Probability Limits = (Average Percent Difference)+/-(1.96)(Standard Deviation of precision check percent differences in the quarter). The probability limits represent the interval having a 95% chance of containing the true average percent difference. Probability limits must be within +/-15%.