DEACTIVATED PROTOCOL: The GLOBE Atmosphere Protocol - Surface Ozone has been deactivated as of September 2023. To learn more about the Deactivation Process, please visit the Globe.gov website.

Atmosphere InvestigationSurface Ozone Data Sheet

*Sky Conditions (next page):

* Required Field

School Name:	Study Site:
Observer names:	
Ozone Strip Exposed at:	
• •	Day Universal Time (hour:min):
Ozone Strip Measured at:	
Date: Year Month	Day Universal Time (hour:min):
*Surface Ozone (pp	vb)
Comments:	
*Data (When Ozone Strip	was Exposed)
*Air Temperature (°C):	
Relative Humidity	
(Select instrument used):	
☐ Sling Psychror	meter
Dry bulb temperature (°C): _	Ambient air temperature (°C):
Wet bulb temperature (°C): _	Relative Humidity (%):
Comments:	

GLOBE® 2018 Appendix - 21 Atmosphere **DEACTIVATED PROTOCOL:** The GLOBE Atmosphere Protocol - Surface Ozone has been deactivated as of September 2023. To learn more about the Deactivation Process, please visit the <u>Globe.gov website</u>.

Atmosphere Investigation: St	urface Ozone Data Sheet - Page 2			* Required	l Field
Study Site:	Date:		Time (U	Γ):	
O Few(<10%)	rail Cover: cured Scattered (25-50%)	O H	leavy Rain leavy Snow lowing Snow		O Haze O Volcanic Ash Go to box 6
2. Sky Color and Vision		On	Ot to be Divide	Op. L. p	L. ONE
Color (Look Up): Cannot Visibility (Look Across): Cannot	•	OBlue r OClear	OLight Blue OSomewhat I		lue
3. High Level Clouds O No High Level Clouds (Go to box 4) Cloud Type: O Contrails (number O Cirrus O Cirrocumulus O Cirrostratus	Observed # of): #	short-lived persistent persistent spreading		(<10%) (10%-25%) (25%-50%) (50%-90%)	Transparent
4. Mid Level Clouds					\"
O No Mid Level Clouds Cloud Type: O Altostratus	Altocumulus	ScatterBroken	(<10%) d (10%-25% red (25%-50%	%)	Visual Opacity: Opaque Translucent Transparent
O Nimbostratus		O Broker	(<10%)	%)	Visual Opacity: Opaque Translucent Transparent
6. Surface Condition	s andatory:	,	Optio You may sub		
Snow/Ice Yes Now/Ice Standing Water Muddy	Dry Ground Leaves on Trees	No O	Temperature: _ Barometric Pre Relative Humid	°C ssure:mb	

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Atmosphere Investigation: Surface Ozone Data Sheet - Page 3		eet - Page 3	* Required Fiel
Study Site:	tudy Site: D		Time (UT):
Comments:			
*Wind			
*Instrument (Ch	neck one): 🛭 GLOBE	Instrument	☐ Automated Instrument
0 to10%	☐ 10 to 25%	□ 25 to 50%	□ >50%
*Direction (Che	eck One):	North	
	Northwest 🗖		☐ Northeast
	West □	N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/	☐ East
Comments:	Southwest 🗖	South	☐ Southeast
-		easured)	
	Sling Psychrometer		☐ Digital Hygrometer
Dry bulb temp	erature (°C):	Ambie	ent air temperature (°C):
Wet bulb temp	perature (°C):	Relati	ive Humidity (%):
Comments:			

*Sky Conditions (next page):

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Atmosphere Investigation: Surface Ozone	Data Sheet - Page 4	* Requir	ed Field
Study Site:	Date:	Time (UT):	- il
1. What is in Your Sky? Total Cloud/Contrail Cover O Sky is Obscured None (Go to box 2) O Scatte Few(<10%) Broker Isolated (10-25%) Overca	red (25-50%)	Fog Sand Heavy Rain Spray Heavy Snow Smoke Blowing Snow Dust	O Haze O Volcanic Ash Go to box 6
2. Sky Color and Visibility Color (Look Up): Cannot Observe Visibility (Look Across): Cannot Observe			
3. High Level Clouds O No High Level Clouds Observed (Go to box 4) Cloud Type: Contrails (number of): Cirrus Cirrocumulus Cirrostratus	short-live persister persister spreading	O Few (<10%) Int O Isolated (10%-25% O Scattered (25%-50% O Broken (50%-90%	6) Translucent 7 Transparent
4. Mid Level CloudsNo Mid Level Clouds ObservedCloud Type:AltostratusAltocumu	(Go to box 5)	Cover: v (<10%) ated (10%-25%) ittered (25%-50%) ken (50%-90%) ercast (>90%)	Visual Opacity: Opaque Translucent Transparent
 5. Low Level Clouds No Low Level Clouds Observed	(Go to box 6)	ated (10%-25%) ttered (25%-50%)	Visual Opacity: Opaque Translucent Transparent
	Yes No round O s on Trees O g/Snowing O	Optional: You may submit any or Temperature:°C Barometric Pressure:mt Relative Humidity:%	

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Almosphere investiga	alion. Surface Ozone Dala Si	ieel - Page 5	" Re	equirea Fie
Study Site:		Date:	Time (UT):	
Comments:				
	neck one): 🛭 GLOBI		☐ Automated Instrument☐ >50%	
*Direction (Che	ck One): Northwest □	North	☐ Northeast	
	West □		☐ East	
	Southwest 🗖	South	□ Southeast	
Comments:				