

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

**Division of Air Quality
AIR QUALITY ADVISORY
Central and Eastern Interior #2013-6
Thursday June 27, 2013**

LOCATION(S) IMPACTED: Central and Eastern Interior to include a large area from Wrangell St Elias National Park to as far north as North Pole and Fairbanks. This area also includes Delta Junction, Paxson, and Tok.

TIME/DATE OF UPDATE: Thursday June 27, 2013 9:00 AM.

VALID TIME: Thursday June 27, 2013 9:00 A.M. to Friday June 28 2013 4:00 P.M.

TIME/DATE OF THE NEXT REPORT: Friday June 28 2013 4:00 P.M.

ADVISORY: Air quality in the Eastern Interior is being impacted by wildfires. The Chisana Fire in the southeast corner of this area, the Billy Creek fire between Tok and Delta Junction and several fires (Skinny's Road, Moose Creek, Old Valdez Trail Fires) located just to the south of Fairbanks are all adding to the smoke in the Eastern Interior of Alaska. Air Quality will vary between **MODERATE and VERY UNHEALTHY** depending on air flow and proximity to fires. PM2.5 concentrations at the North Pole sensor are reporting high hourly values this morning.

The forecast for the Eastern Interior calls for scattered showers and thunderstorms with highs in the 80s for today and tomorrow.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Southwest Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Air Quality
AIR QUALITY ADVISORY
Central and Eastern Interior #2013-8
Friday June 28, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior to include a large area from Wrangell St Elias National Park to as far north as North Pole and Fairbanks. This area also includes Delta Junction, Paxson, and Tok.

TIME/DATE OF UPDATE: Friday June 28, 2013 3:00 PM.

VALID TIME: Friday June 28, 2013 4:00 PM. to Monday July 1, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Monday July 1, 2013 4:00 PM

ADVISORY: Air quality in the Eastern Interior is being impacted by wildfires. The Chisana Fire in the southeast corner of this area, the Billy Creek fire between Tok and Delta Junction and several fires (Skinny's Road, Moose Creek, Old Valdez Trail Fires) located just to the south of Fairbanks are all adding to the smoke in the Eastern Interior of Alaska. Air Quality will vary between **MODERATE and UNHEALTHY** depending on air flow and proximity to fires. PM2.5 concentrations in the North Pole and Delta Junction areas remain in the **UNHEALTHY** category.

The forecast for the Eastern Interior calls for scattered showers and thunderstorms but decreasing temperatures and increased humidity through the weekend.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Southwest Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-10

Monday July 1, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires to the southeast of the North Pole/Fairbanks are growing and smoke is increasing. Other fires in the area are also contributing to the smoke and poor air quality

TIME/DATE OF UPDATE: Monday July 1, 2013 2:30 PM.

VALID TIME: Monday July 1, 2013 4:00 PM. to Tuesday July 2, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Tuesday July 2, 2013 4:00 PM

ADVISORY: Air quality in the Eastern Interior has improved significantly. However wildfire smoke continues to impact the area and the conditions are expected to deteriorate again this afternoon and overnight. The Stuart Creek² fire is increasing in size. The Skinny's Road, Beaver Log Lake, Prospect Creek and other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **MODERATE** and **UNHEALTHY** depending on air flow and proximity to fires.

The forecast for the Central and Eastern Alaska calls for decreasing winds and isolated thunderstorms. Smoke is predicted to become denser with the decreasing wind.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Southwest Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-11

Tuesday July 2, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires to the southeast of the North Pole/Fairbanks are growing and smoke is increasing. Other fires in the area are also contributing to the smoke and poor air quality

TIME/DATE OF UPDATE: Tuesday July 2, 2013 4:00 PM.

VALID TIME: Tuesday July 2, 2013 4:00 PM. to Wednesday July 3, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Wednesday July 3, 2013 4:00 PM

ADVISORY: Wildfire smoke continues to impact the area and the conditions are expected to deteriorate again this afternoon and overnight. The Stuart Creek² fire is increasing in size. The Skinny's Road, Beaver Log Lake, Prospect Creek and other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **GOOD** and **UNHEALTHY** depending on air flow and proximity to fires.

The forecast for the Central and Eastern Alaska calls for partly cloudy skies, isolated thunderstorms, with winds from the southwest.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Southwest Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-12

Tuesday July 3, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires to the southeast of the North Pole/Fairbanks are growing and smoke is increasing. Other fires in the area are also contributing to the smoke and poor air quality

TIME/DATE OF UPDATE: Wednesday July 3, 2013 4:00 PM.

VALID TIME: Wednesday July 3, 2013 4:00 PM. to Saturday July 6, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Saturday July 6, 2013 4:00 PM

ADVISORY: Wildfire smoke continues to impact the area around Fairbanks, especially to the east and northeast of Fairbanks downwind from the Stuart Creek² Fire. The Skinny's Road, and other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **GOOD and UNHEALTHY** depending on air flow and proximity to fires.

The forecast for the Central and Eastern Alaska calls for partly cloudy skies, isolated showers. Wind will be light and variable.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Southwest Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-13

Saturday July 6, 2013

This advisory continues advisory 2013-12 which end at 4:00PM

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires to the interior of Alaska continue to impact air quality. Areas of widespread smoke are impacting North Pole, Fairbanks, Ft Wainwright, Eielson AFB and surrounding areas.

TIME/DATE OF UPDATE: Saturday July 6, 2013 1:00 PM.

VALID TIME: Saturday July 6, 2013 4:00 PM. to Monday July 8, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Monday July 8, 2013 4:00 PM

ADVISORY: Wildfire smoke continues to impact the Central and Eastern Interior of Alaska. Areas downwind from the Stuart Creek² and the Skinny's Road fires are significantly impacted. Other fires are also adding to the smoke in the Interior of Alaska. Air monitors and reported visibility indicate a large area of **UNHEALTHY** air quality.

The forecast for the Central and Eastern Alaska calls for partly cloudy skies becoming mostly cloudy on Sunday. There is a chance of precipitation beginning Monday.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-14

Monday July 8, 2013

This advisory continues advisory 2013-13 which ends at 4:00PM

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. Areas of smoke are impacting North Pole, Fairbanks, Ft Wainwright, Eielson AFB and surrounding areas.

TIME/DATE OF UPDATE: Monday July 8, 2013 4:00 PM.

VALID TIME: Monday July 8, 2013 4:00 PM. to Tuesday July 9, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Tuesday July 9, 2013 4:00 PM

ADVISORY: Although there has been some rain in the central interior, wildfire smoke continues to impact the Central and Eastern Interior of Alaska. Areas downwind from the Stuart Creek² and the Skinny's Road fires are impacted. Other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **MODERATE** and **UNHEALTHY FOR SENSITIVE GROUPS**.

The forecast for the Central and Eastern Alaska calls for mostly cloudy with scattered showers then increasing showers on Tuesday afternoon.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-15

Tuesday July 9, 2013

This advisory continues advisory 2013-14 which ends at 4:00PM

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. Most smoke is concentrated in the hills around Fairbanks and areas near the Stuart Creek² Fire but other areas may also experience smoke.

TIME/DATE OF UPDATE: Tuesday July 9, 2013 4:00 PM.

VALID TIME: Tuesday July 9, 2013 4:00 PM. to Thursday July 11, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Thursday July 11, 2013 4:00 PM

ADVISORY: Air quality has improved in the major populated areas of Fairbanks, North Pole, Eielson AFB, and Ft Wainwright. However, wildfire smoke could again impact these areas depending on wind flow and mixing. Areas downwind from the Stuart Creek² and the Skinny's Road fires are susceptible. Other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

The forecast for the Central and Eastern Alaska calls for mostly cloudy with scattered showers.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-16

Thursday July 11, 2013

This advisory continues advisory 2013-15 which ends at 4:00PM

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. Smoke from the Stuart Creek 2 Fire, the Moon Lake Fire, and the Tetlin Junction fire is spreading generally to the southwest and may affect Delta Junction, Dot Lake, and the Tanacross area.

TIME/DATE OF UPDATE: Thursday July 11, 2013 4:00 PM.

VALID TIME: Thursday July 11, 2013 4:00 PM. to Friday July 12, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Friday July 12, 2013 4:00 PM

ADVISORY: Wildfire smoke could impact areas depending on wind flow and mixing. Areas downwind from the Stuart Creek 2, the Moon Lake fire, and the Tetlin Junction fires are susceptible. Other fires are also adding to the smoke in the Interior of Alaska. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-17

Monday July 15, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. After a weekend of warmer temperatures and drier conditions, fire activity and smoke production have increased. Smoke from the Stuart Creek 2 Fire has impacted Fairbanks, Fort Wainwright, and the North Pole area. Surface winds should be shifting to a general flow from the southwest.

TIME/DATE OF UPDATE: Monday July 15, 2013 4:00 PM.

VALID TIME: Monday July 15, 2013 4:00 PM. to Tuesday July 16, 2013 4:00 PM

TIME/DATE OF THE NEXT REPORT: Tuesday July 16, 2013 4:00 PM

ADVISORY: Wildfire smoke could impact areas depending on wind flow and mixing. Areas downwind from the Stuart Creek 2 and other fires in the central and eastern interior are susceptible. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-18

Tuesday July 16, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. After days of warmer temperatures and drier conditions, fire activity and smoke production have increased. Smoke from the Stuart Creek 2 Fire may impact Fairbanks, Fort Wainwright, North Pole, and other areas downwind. Smoke from the Moon Lake and Tetlin Fires may impact Northway, Tetlin, and areas along the Alaska Highway. Surface winds should generally be spreading smoke from west to the east but may vary depending on terrain features.

TIME/DATE OF UPDATE: Tuesday July 16, 2013 4:00 PM.

VALID TIME: Tuesday July 16, 2013 4:00 PM. to Wednesday July 17, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Wednesday July 17, 2013 4:00 PM

ADVISORY: Wildfire smoke could impact areas depending on wind flow and mixing. Areas downwind from the Stuart Creek 2 and other fires in the central and eastern interior are susceptible. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-19

Tuesday July 16, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Fires in the interior of Alaska continue to impact air quality. Cooler temperatures and higher humidity may help mitigate fire conditions: however, smoke may still be present. Smoke from the Stuart Creek 2 Fire may impact Fairbanks, Fort Wainwright, North Pole, and other areas downwind. Smoke from the Moon Lake and Tetlin Fires may impact Tok, Northway, Tetlin Junction, and areas along the Alaska Highway. Surface winds should generally be spreading smoke from west to the east but may vary depending on terrain features.

TIME/DATE OF UPDATE: Wednesday July 17, 2013 4:00 PM.

VALID TIME: Wednesday July 17, 2013 4:00 PM. to Thursday July 18, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Thursday July 18, 2013 4:00 PM

ADVISORY: Wildfire smoke could impact areas depending on wind flow and mixing. Areas downwind from the Stuart Creek 2 or from other fires in the central and eastern interior are susceptible. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-20

Thursday August 8, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Wildfire smoke from the Crater Creek, Discovery Creek, Birch Creek, Mississippi, and other fires has spread over a large portion of the Central and Eastern Interior. Areas that may be impacted are Fairbanks, North Pole, Central, Ft Yukon, Arctic Village, west to Wiseman and Stevens Village.

TIME/DATE OF UPDATE: Thursday August 8, 2013 2:00 PM.

VALID TIME: Thursday August 8, 2013 2:00 PM to Friday August 9, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Friday August 9, 2013 4:00 PM

ADVISORY: The Central and Eastern Interior are under the influence of a high pressure. Smoke is being trapped and held close to the ground, especially with the cool temperatures in the mornings. This smoke will impact a large area depending on wind flow and mixing. Areas downwind from the fires in the central and eastern interior are susceptible. Air Quality will vary between **GOOD** and **UNHEALTHY FOR SENSITIVE GROUPS**

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-21

Friday August 9, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Wildfire smoke from the Crater Creek, Discovery Creek, Birch Creek, Mississippi, and other fires has spread over a large portion of the Central and Eastern Interior. Areas that may be impacted are Fairbanks, North Pole, Central, Ft Yukon, Arctic Village, west to Wiseman and Stevens Village.

TIME/DATE OF UPDATE: Friday August 9, 2013 4:00 PM.

VALID TIME: Friday August 9, 2013 4:00 PM to Monday August 12 2013 9:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Monday August 12 2013 9:00 PM

ADVISORY: The Central and Eastern Interior remain under the influence of a high pressure. Smoke is being trapped and held close to the ground, especially with the cool temperatures in the mornings. This smoke will impact a large area depending on wind flow and mixing. Areas downwind from the fires in the central and eastern interior are susceptible. Air Quality will vary between **MODERATE** and **UNHEALTHY**.

Be aware that areas immediately downwind of any fire will experience **hazardous** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-22

Monday August 12, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Wildfire smoke from the Crater Creek, Discovery Creek, Birch Creek, Mississippi, and other fires continues to impact a large portion of the Central and Eastern Interior. Areas that may be impacted are Fairbanks, North Pole, Central, Ft Yukon, Arctic Village, west to Wiseman and Stevens Village.

TIME/DATE OF UPDATE: Monday August 12, 2013 9:00 AM.

VALID TIME: Monday August 12, 2013 9:00 AM to Wednesday August 14, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Wednesday August 14, 2013 4:00 PM

ADVISORY: The Central and Eastern Interior remain under the influence of a high pressure. Increasing clouds today will do little to prevent smoke from reoccurring. This smoke will impact a large area depending on wind flow and mixing. Areas downwind from the fires in the central and eastern interior are susceptible. Air Quality will vary between **MODERATE** and **VERY UNHEALTHY**.

Be aware that areas immediately downwind of any fire will experience **HAZARDOUS** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-23

Wednesday August 14, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Wildfire smoke from the Mississippi, and other fires continues to impact a large portion of the Central and Eastern Interior. Areas that may be impacted are Tok, Delta Junction, Fairbanks, North Pole, Central, and Eagle. Smoke is also extensive in the Yukon Territory to the east of Alaska.

TIME/DATE OF UPDATE: Wednesday August 14, 2013 4:00 PM.

VALID TIME: Wednesday August 14, 2013 4:00 PM.to Friday August 16, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT: Friday August 16, 2013 4:00 PM

ADVISORY: The Central and Eastern Interior continue under the influence of high pressure. Smoke will impact a large area depending on wind flow and mixing. Areas closest to Delta Junction and the Mississippi Fire have been the most impacted the last 48 hours. Air Quality will vary between **MODERATE** and **VERY UNHEALTHY**.

Be aware that areas immediately downwind of any fire will experience **HAZARDOUS** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Air Quality

AIR QUALITY ADVISORY

Central and Eastern Interior #2013-24

Thursday August 15, 2013

LOCATION(S) IMPACTED: Central and Eastern Interior. Wildfire smoke from the Mississippi, and other fires continues to impact a large portion of the Central and Eastern Interior. Areas that may be impacted are Tok, Delta Junction, Nabesna, Fairbanks, North Pole, Central, and Eagle. Smoke is also extensive in the Yukon Territory to the east of Alaska and could impact the eastern interior.

TIME/DATE OF UPDATE: Thursday August 15, 2013 4:00 PM.

VALID TIME: Thursday August 15, 2013 4:00 PM.to Monday August 19, 2013 4:00 PM

TIME/DATE OF THE NEXT ASSESSMENT Monday August 19, 2013 4:00 PM

ADVISORY: The Central and Eastern Interior continues under the influence of high pressure. Smoke will impact a large area depending on wind flow and mixing. Areas closest to Delta Junction, Nabesna and the Mississippi Fire have been the most impacted the last 48 hours. There is an increasing chance of rain early next week that may help improve the situation. Air Quality will vary between **MODERATE** and **VERY UNHEALTHY**.

Be aware that areas immediately downwind of any fire will experience **HAZARDOUS** levels of smoke. Generally, worse conditions occur overnight and during the early morning hours, as the atmosphere cools and brings smoke to the surface. During the day, surface heating will mix smoke and carry it upwards, temporarily improving air quality.

SMOKE AND PUBLIC IMPACT: This is an area forecast, and as such is a general forecast for portions of Central and Eastern Interior Alaska. Smoke intensity will vary depending on precise location and local wind flow patterns. Smoke concentrations will be such that they could impact public health at times. It is advised that travelers check local weather as smoke conditions may vary considerably from one locality to the next. The most recent weather observations may be found on National Weather Service's homepage at <http://pafc.arh.noaa.gov/obs.php>.

DEC advises anyone people with heart or lung disease, the elderly and children to reduce prolonged or heavy exertion. See the table below for more guidance on the Air Quality Index categories and Cautionary Statements.

The following table contains the cautionary statements for the Air Quality for Particle Pollution.

Air Quality Category	Cautionary Statements
Good	None
Moderate	Unusually sensitive people should consider reducing prolonged or heavy exertion.
Unhealthy for Sensitive Groups	People with heart or lung disease, the elderly and children should reduce prolonged or heavy exertion.
Unhealthy	People with respiratory or heart disease, the elderly and children should avoid prolonged exertion; everyone else should limit prolonged exertion
Very Unhealthy	People with respiratory or heart disease, the elderly and children should avoid any outdoor activity; everyone else should avoid prolonged exertion
Hazardous	Everyone should avoid any outdoor exertion; people with respiratory or heart disease, the elderly and children should remain indoors

When air quality data is unavailable, the following **Air Quality Smoke Reference Guide** may be used to estimate air quality levels and potential health impacts:

Visibility	Air Quality
10+ miles	Good
6 - 9 miles	Moderate
3 - 5 miles	Unhealthy for sensitive groups
1.5 - 2.5 miles	Unhealthy
0.9 - 1.4 miles	Very Unhealthy
0.8 miles or less	Hazardous

FOR MORE INFORMATION: For information on this advisory, contact Michael Gravier with the Division of Air Quality at 907-269-7676.