

# Message Size Limitations

## Message Size Limitations

To ensure system reliability, we have set the following size limitations on e-mail messages.

| Item                           | Threshold                                      | Explanation  |
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| E-mail message with attachment | 2Mb (message size) AND more than 49 recipients | <p>A message that is 2Mb or greater and sent to more than 49 recipients will be held until 5pm. At that time, it will be delivered. When this condition is met, the sender will have received the following message:</p> <p><i>MailMarshal (an automated content monitoring gateway used at NWOCA.ORG) has identified the following message as too large:</i></p> <p><i>Message: {MessageName}</i><br/><i>From: {Sender}</i><br/><i>To: {Recipient}</i><br/><i>Subject: {Subject}</i></p> <p><i>The above message is too large to be sent via Email during normal working hours. Delivery of messages of this size will occur only after 6:00pm or before 5:50am Monday thru Friday. Messages identified as being too large for normal delivery will be -AUTOMATICALLY- deferred (delayed) as necessary to be delivered during non-prime hours.</i></p> <p><i>Email is not an effective mechanism for sending large files. Sending large attachments causes problems for both mail servers and recipients of your message. For example, a large message may cause the receiver's mail box to run out of space (quota).</i></p> <p><i>The best method to send large files is to use the NWOCA File Transfer service available at <a href="https://filetransfer.nwoca.org">https://filetransfer.nwoca.org</a>. For instructions on this service please visit <a href="https://wiki.nwoca.org/x/ZANw">https://wiki.nwoca.org/x/ZANw</a>.</i></p> <p><i>If you are sending a file you downloaded from the Internet, consider sending just the original URL.</i></p> <p><i>If sending some other type of attachment, consider using a more efficient format. For example, scanned documents sent as graphics do not compress well. Or use a graphics package to reduce the resolution of the graphic image.</i></p> |
| E-mail message with attachment | 10Mb (message size) AND 9 to 49 recipients     | <p>A message that is 10Mb or greater and sent to 9 to 49 recipients will be held until 5pm. At that time, it will be delivered. When this condition is met, the sender will have received the following message:</p> <p><i>MailMarshal (an automated content monitoring gateway used at NWOCA.ORG) has identified the following message as too large:</i></p> <p><i>Message: {MessageName}</i><br/><i>From: {Sender}</i><br/><i>To: {Recipient}</i><br/><i>Subject: {Subject}</i></p> <p><i>The above message is too large to be sent via Email during normal working hours. Delivery of messages of this size will occur only after 6:00pm or before 5:50am Monday thru Friday. Messages identified as being too large for normal delivery will be -AUTOMATICALLY- deferred (delayed) as necessary to be delivered during non-prime hours.</i></p> <p><i>Email is not an effective mechanism for sending large files. Sending large attachments causes problems for both mail servers and recipients of your message. For example, a large message may cause the receiver's mail box to run out of space (quota).</i></p> <p><i>The best method to send large files is to use the NWOCA File Transfer service available at <a href="https://filetransfer.nwoca.org">https://filetransfer.nwoca.org</a>. For instructions on this service please visit <a href="https://wiki.nwoca.org/x/ZANw">https://wiki.nwoca.org/x/ZANw</a>.</i></p> <p><i>If you are sending a file you downloaded from the Internet, consider sending just the original URL.</i></p> <p><i>If sending some other type of attachment, consider using a more efficient format. For example, scanned documents sent as graphics do not compress well. Or use a graphics package to reduce the resolution of the graphic image.</i></p>     |
| E-mail message with attachment | 40Mb (message size)                            | <p>A message that is over 40Mb in total size (message body including attachment) will be returned to sender</p>  |

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| Estimated Bandwidth (attachment size X number of recipients) | 99Mb (bandwidth) | <p>A message that has any size attachment times the number of recipients resulting in a value over 99Mb will be returned to sender with the following message:</p> <p><i>MailMarshal (an automated content monitoring gateway) has stopped the following message:</i></p> <p><i>Message: {MessageName}</i><br/><i>From: {Sender}</i><br/><i>To: {Recipient}</i><br/><i>Subject: {Subject}</i></p> <p><i>The message you have attempted to send via Email is too large to be delivered successfully via Email as it violates the following condition:</i></p> <p><i>Estimated bandwidth usage needed for delivery is greater than 99Mb.</i></p> <p><i>Please contact your school's technology coordinator who can assist you in reducing the size of the message or identifying other ways to make the information available to its intended audience.</i></p> |
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