

**Table S1 Landsat data chosen for analysis were a mixture of Landsat TM5, TM7 and OLI8.**

<b>Date Years</b>	<b>Sensor</b>	<b>TARGET_WRS_PATH TARGET_WRS_ROW Path/row</b>	<b>DATE_ACQUIRED</b>	<b>Resolutions</b>
<b>1998</b>	<b>Landsat 5 TM</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	10/04, 10/04, 21/05, 21/05, 30/05, 30/05	30m
<b>1999</b>	<b>Landsat 5 TM</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	13/04, 13/04, 22/04, 22/04,01/05, 01/05	30m
<b>2000</b>	<b>Landsat 5 TM Landsat 7 ETM+</b>	170/34, 170/35, 169/35, 169/34, 168/35, 168/36	15/05, 15/05, 16/04, 16/04, 25/04, 25/04	30m
<b>2001</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	26/04, 26/04, 21/05, 21/05, 28/04, 28/04	30m
<b>2002</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	13/04, 13/04, 08/05, 08/05, 01/05, 01/05	30m
<b>2003</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	02/05, 02/05, 11/05, 11/05, 20/05, 20/05.	30m
<b>2004</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	06/05, 06/05,11/04, 27/04, 06/05, 06/05	30m
<b>2005</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	23/04, 23/04, 30/04, 30/04, 23/04, 23/04	30m
<b>2006</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	26/05, 26/05, 19/05, 19/05, 12/05, 28/05	30m
<b>2007</b>	<b>Landsat 5 TM Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	05/05,05/05, 20/04, 13/04, 07/05, 07/05	30m
<b>2008</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	15/05, 15/05, 22/04, 24/05, 15/04, 15/04	30m
<b>2009</b>	<b>Landsat 5 TM Landsat 7 ETM+</b>	169/35, 169/34, 170/34,170/35, 168/35, 168/36	03/05, 03/05, 02/05, 02/05, 20/05, 20/05	30m
<b>2010</b>	<b>Landsat 5 TM Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	26/05, 29/05, 22/05, 04/04, 05/04, 19/04	30m
<b>2011</b>	<b>Landsat 5 TM Landsat 7 ETM+</b>	170/34,170/35, 169/34, 168/35, 168/36,169/35,	16/05, 16/05, 08/05, 16/04, 16/04, 15/04	30m
<b>2012</b>	<b>Landsat 7 ETM+</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	26/04, 26/04, 19/05, 19/05, 26/04, 26/04	30m
<b>2013</b>	<b>Landsat 8 OLI</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	05/05, 05/05, 28/04, 28/04, 23/05, 23/05,	30m
<b>2014</b>	<b>Landsat 8 OLI</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	06/04, 06/04, 15/04, 01/05, 24/04, 24/04	30m
<b>2015</b>	<b>Landsat 8 OLI</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	09/04, 25/04,18/04, 01/04, 27/04, 27/04	30m
<b>2016</b>	<b>Landsat 8 OLI</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	13/05, 13/05, 20/04, 20/04, 15/05, 15/05	30m
<b>2017</b>	<b>Landsat 8 OLI</b>	170/34,170/35, 169/35, 169/34, 168/35, 168/36	30/04, 30/04, 09/05, 09/05, 18/05, 18/05	30m