

About KingtidesAKI

Part of the Global King Tides movement, King Tides Auckland is an exciting community initiative that encourages people from around the Auckland region to visit and photograph the highest tides (known as King Tides) that naturally occur along our coastline each year.

These photographs will help us visualise what our coasts may look like in the future as global sea levels continue to rise. The images provide us with an opportunity to capture a living record of our changing coastlines and provide us with a glimpse into the future of what our normal daily high tides may look like in 30 to 80 years' time with projected global sea level rise.

King Tides Auckland is part of the Global King Tides initiative working together to collect and share information on sea level change and its potential impacts. You can find out more about the global initiative at kingtides.org.nz.

Share Direct

- Help us document the changes to our coastal areas
- Show us your awesome shots of the #kingtidesaki at your local spot
- Your help showing us images of your local areas will help us track potential impacts and possible solutions
- Share your photos direct to our site (We will upload and perhaps share them) Use the link below:
<http://auckland.kingtides.org.nz/participate/share-your-pictures/share-direct>
- note: If your photo exceeds 8mb or you wish to get in touch with us directly, email us at kingtides@kingtidesaki.org.nz

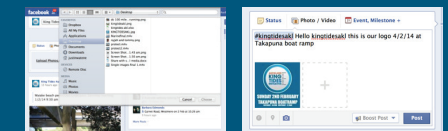
Share with Social Media: Instagram

- Plan your shoot
- Be careful during high water and/or stormy conditions
- Make sure your smartphone has the correct date and time (so the photos you collect are accurate).
- Turn on the smartphone's location services to use GPS, and Wi-Fi to determine your location when you take a photo:
- Go to "settings" (icon on iphone desktop); "privacy"; "location services"; turn "on" for instagram icon.
- Shoot your images: Click on camera icon on centre left of screen
- Take photo and click next.
- Add a caption: add the text #kingtidesaki, your location, date and time you took the photo. Tag @kingtidesaki so we are able to track the images.
- Click on "Name This Location" and type and select the beach where you are taking the photo (e.g. Rothesay Bay)
- Select facebook in the Share options
- Click "Share"
- Once complete remember to share your facebook post of your instagram photo to the kingtidesaki timeline



Share with Social Media: Facebook

- Sharing a photo or Gallery on Facebook
- Plan your shoot
- Be careful during high water and/or stormy conditions
- Make sure your camera has the correct date and time (so metadata is accurate)
- Turn on the camera's GPS if it has one (all King Tide Photos must be referenced to geographic locations - free smartphone app – GPS Status)
- Shoot your images
- Upload an image or create a gallery on Facebook:
- Tag us in from your Facebook page using the **facebook/kingtidesaki**
- Use the hashtag #kingtidesaki so we can track your photo
- Once you have uploaded your photos then post the photo's from your wall and SHARE to the Facebook/kingtidesaki timeline
- Remember to list the date, time, and location (including GPS coordinates) of your photo. For example: 2.2.14; 10:07AM; Takapuna Beach Boatramp; -36.791209; 174.779863



The hashtag is the key for us to track your image (#kingtidesaki)



Your Name:	Date: (m / d / y) Time:
	Site Name:
	GPS location/ Address:
	Camera type:
	Height of tide:
	Picture number on camera:
Description:	

Your Name:	Date: (m / d / y) Time:
	Site Name:
	GPS location/ Address:
	Camera type:
	Height of tide:
	Picture number on camera:
Description:	

Your Name:	Date: (m / d / y) Time:
	Site Name:
	GPS location/ Address:
	Camera type:
	Height of tide:
	Picture number on camera:
Description:	

Field Record sheet



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#KINGTIDESAKL PHOTOPOINT MONITORING HOW TO BOOKLET

One format to measure sea level rise impacts is by establishing a photographic monitoring procedure for documenting the impacts of king tides at various sites around the Auckland coastline.

Taking pictures where water levels can be gauged against known landmarks or infrastructure can be visually quite powerful. These include:

- Infrastructure including roads, bridges, seawalls, wharves, jetties and boat ramps.
- Natural environment including beaches, estuaries, coastal parkland and river mouths.

There are 3 time periods for photo point monitoring for king tides:

1. King tide event (refer to predicted date and times)
2. Closest low tide prior to the king tide event or just after the event
3. Closest mean high tide prior to the king tide event or just after the event



Camera
Pen/pencil
Recording sheet or notebook
GPS (free smartphone app – GPS Status)
Clipboard or something to write on

Equipment Needed



Always consider your safety first



Have fun and be creative when taking your photos but most importantly, be safe!

Remember, water levels during these King Tide events will be higher than normal, so take extra precautions when walking along the coast, particularly if bad weather is also forecast.

ways be aware of the additional dangers posed by d weather, slippery surfaces, big waves and higher han normal water levels. Higher than normal tides may cover or make unsafe those areas normally reversed; only take photos from a safe, landward vantage-point.

Make sure you remain safe,
only take photos in daylight hours,
and let someone know where you are going!

Before photo shoot

1. **PICK**
location with reference to the website map
<http://auckland.kingtides.org.nz/next-king-tide/predict-ed-king-tide-times/> that is nearest and/or of interest to you.
2. **READ**
the field record sheet overleaf for details about how to take the correct picture.
3. **PRINT**
the field record sheet (example overleaf) OR bring a notebook and pen to write down all the info from this PDF.
4. **CHECK**
the tide table to find out what time the highest tide will occur at/near your location
<http://auckland.kingtides.org.nz/next-king-tide/predict-ed-king-tide-times/>.
5. **GATHER**
all the equipment listed above and fill in as much of the field record sheet as you can before leaving.

At the location

1. **Scout**
out the area and make sure it is safe.
2. **Find**
the location using your GPS and record the coordinates in decimal degrees.
3. **Orient**
yourself facing in the desired direction.
4. **Write**
down your description of the area including the weather, wildlife, human activity, state of the land, and anything else you deem noteworthy.
5. **Snap**
a couple photos and then explore the area! Don't forget to record the picture number on your camera so that there is no mix-up when you upload them later. "Before and after" pictures contrasting low and high tide for the same location can be particularly powerful imagery.
6. **Complete**
the field record sheet

Predicted date and times for King Tides 2015 West Coast (Piha Beach)

Date	Time	Height	Complete
20/02/15	11:26	3.65	■
21/02/15	12:12	3.65	■
21/03/15	11:06	3.64	■
19/04/15	9:44	3.53	■
19/04/15	22:10	3.53	■
18/05/15	21:50	3.4	■
4/07/15	23:24	3.4	■
2/08/15	23:06	3.54	■
31/08/15	22:46	3.63	■
29/09/15	23:24	3.64	■
28/10/15	10:44	3.56	■
28/10/15	23:04	3.56	■
29/10/15	11:30	3.56	■
27/11/15	11:12	3.47	■
26/12/15	10:57	3.35	■
27/12/15	11:41	3.35	■

View all King Tide times for 2014:
<http://auckland.kingtides.org.nz/next-king-tide/predicted-king-tide-times/>

Predicted date and times for King Tides 2015 East Coast (Port of Auckland)

Date	Time	Height	Complete
24/01/15	11:15	3.57	■
21/02/15	10:04	3.59	■
22/02/15	10:55	3.6	■
22/03/15	9:42	3.55	■
23/03/15	10:33	3.54	■
20/04/15	20:51	3.48	■
21/04/15	21:41	3.47	■
19/05/15	20:31	3.38	■
20/05/15	21:19	3.37	■
5/07/15	22:09	3.42	■
6/07/15	22:59	3.42	■
3/08/15	21:49	3.52	■
4/08/15	22:40	3.51	■
1/09/15	21:27	3.57	■
30/09/15	22:05	3.55	■
1/10/15	10:34	3.55	■
30/10/15	10:15	3.54	■
28/11/15	9:55	3.45	■
27/12/15	9:36	3.33	■

View all King Tide times for 2014:
<http://auckland.kingtides.org.nz/next-king-tide/predicted-king-tide-times/>