## Appendix A. Tips and sundry information sources checklist

<p>|</p>
<table>
<thead>
<tr>
<th>N</th>
<th>Item</th>
<th>Comment or details</th>
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</table>
| | Instructions (exact) | • Print off this document  
• Print off all the maps provided, see Appendix C below, these include directions, (click the links) or load onto your portable GPS device  
• Make your own plan from the addresses provided  
• Use clear plastic sleeve files, they’re good to protect your instructions from the elements whilst out on the trail. |
| | Instructions (general aids) | Printed maps may be obtained from:  
• Hotels or accommodation venues, or I-sites  
Set up the addresses on your iPad, or your preferred GPS navigational device. |
| | About sundials | Newbies might wish to learn about sundials from:  
• British Sundial Society [http://www.sundialsoc.org.uk/weblinks.htm](http://www.sundialsoc.org.uk/weblinks.htm)  
• Sundials on the Internet [http://www.sundials.co.uk/](http://www.sundials.co.uk/)  
• Google key word searching. |
| | Brass rubbing | Learn about brass rubbing  
Get set up  
• Locate your local art materials supplier they will have, or can get in, butchers paper, graphite, wax or chalk, blue tac etc.  
There is one dial face (#2 Clyde Quay Reserve Sundial) that could be good for making a rubbing; it has interesting locations marked on it and a map of Wellington Harbour (Port Nicholson). |
| | Obtain | Permission to go to  
• Samuel Marsden Collegiate School [http://www.marsden.school.nz/contact](http://www.marsden.school.nz/contact)  
Check if the sundial is reinstate in situ  
• Wellington Zoo wellingtonzoo@wellingtonzoo.com  
• Find out entry fee. |
| | Camera equipment | Additional  
• fully charged battery and  
• empty chip  
• protective case, it could be wet. |
| | Personal protection | • Sturdy shoes or sandals are essential as the trail includes flat and hilly surfaces  
• Rain coat and hat or hooded wind breaker (weather can be changeable)  
• Sun hat and glasses. |
### Appendix A. Tips and sundry information sources checklist

<table>
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| **Towel and cleaning materials** | Be prepared to  
- dry the sundial face plate as it could be a wet  
- wash and remove guano, there are a few seagulls and pigeons around  
Note: never try and remove moulds and lichen as this is a specialist’s job.  
Bring  
- Liquid natural soap and water made up in a bottle (never use an abrasive on a sundial face it will cause damage),  
- disposable gloves  
- Towels e.g. old cloth one or paper towelling  
- Plastic bags for rubbish. |
| **Sustenance** | To ensure you don’t get weary due to dehydration or low in blood sugar  
- water bottle  
- picnic or snacks  
- pocket knife. |
| **Pack** | To store your bits and pieces in  
- a light day back pack is ideal to wear  
- hand bag or case. |
| Note book and writing instruments | You never know what you might want to make a note of and our guess is you’ll  
- meet others and maybe exchange notes  
- want to jot down a reminder if a sundial needs attention to report to the maintenance authority  
- record pertinent details, though we usually photograph these  
- Or bring your iPhone or iPad |
| Measuring instruments |  
- Tape measure  
- Compass  
- Watch, just in case it isn’t sunny and you are checking the times including travel times  
- GPS device and or your mobile phone iPad. |
| Money | For:  
- refreshments, there are markets, cafes, restaurants, dairies and bars which we feel you may not be able to resist patronising  
- cable car fare  
- metered car parking – coins are best  
- entry to Zoo if the sundial is back on view. |
| Feedback | We’d love to hear how your day out went:  
**info@sundails.org.nz** or via the expression of interest form [http://www.sundial.org.nz/](http://www.sundial.org.nz/) |
| Other New Zealand Sundial Trails | Caught the bug and wanting to do other NZ sundials trails?  
- [http://www.sundials.co.uk/~timaru.htm](http://www.sundials.co.uk/~timaru.htm)  
- [http://www.sundials.co.uk/pix/TimaruSundialTrail.pdf](http://www.sundials.co.uk/pix/TimaruSundialTrail.pdf)  
- [http://www.sundials.co.uk/#trails2](http://www.sundials.co.uk/#trails2)  
- Contact Rosaleen Robertson [http://www.sundial.org.nz/](http://www.sundial.org.nz/) or **info@sundails.org.nz** for information about sundial locations to visit and or assistance if you are keen to put together a new sundial trail. |
### Appendix B. References

<table>
<thead>
<tr>
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<th>Reference</th>
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<tbody>
<tr>
<td>4</td>
<td><a href="http://wellington.scoop.co.nz/?p=28997">http://wellington.scoop.co.nz/?p=28997</a></td>
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<tr>
<td>5</td>
<td><a href="http://www.sundials.co.uk/">http://www.sundials.co.uk/</a></td>
</tr>
<tr>
<td>6</td>
<td><a href="http://www.sundials.org.uk/">http://www.sundials.org.uk/</a></td>
</tr>
<tr>
<td>7</td>
<td><a href="http://twitter.com/Sundialophile">http://twitter.com/Sundialophile</a></td>
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<td>12</td>
<td><a href="http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&amp;d=EP19401211.2.25&amp;l=mi&amp;e=-------10--261----0%22named+after%22+and+ship--">http://paperspast.natlib.govt.nz/cgi-bin/paperspast?a=d&amp;d=EP19401211.2.25&amp;l=mi&amp;e=-------10--261----0%22named+after%22+and+ship--</a></td>
</tr>
<tr>
<td>13</td>
<td>Daniel, C. STJH. Sundials, 2004 pp 14-19</td>
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<td>19</td>
<td><a href="http://sundials-rosaleen.blogspot.com/2008/05/2-herb-garden-sundial-wellington.html">http://sundials-rosaleen.blogspot.com/2008/05/2-herb-garden-sundial-wellington.html</a></td>
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<td>20</td>
<td><a href="http://digital.library.upenn.edu/women/gatty/sundials/408-150.jpeg">http://digital.library.upenn.edu/women/gatty/sundials/408-150.jpeg</a></td>
</tr>
<tr>
<td>22</td>
<td>Bateman, D. via email January 2011</td>
</tr>
<tr>
<td>23</td>
<td><a href="http://www.marsden.school.nz/contact">http://www.marsden.school.nz/contact</a></td>
</tr>
<tr>
<td>25</td>
<td><a href="mailto:wellingtonzoo@wellingtonzoo.com">wellingtonzoo@wellingtonzoo.com</a></td>
</tr>
</tbody>
</table>

See Appendix A for other contacts or applicable references.
### Appendix C. Maps and instructions provided by clickable links to Google Maps

<table>
<thead>
<tr>
<th>Reference number</th>
<th>Clickable links for Google Maps and instructions</th>
</tr>
</thead>
</table>
| # 0 Bird's eye view | **All the sundials and portals to Wellington City - Porirua City, Petone, Lower Hutt and Picton**  
**NOTE:** If this link is broken please type into Google Maps as follows -  
Frank+Kitts+Park,+Wellington+Central,+Wellington  
to:Herd+Street,+Oriental+Bay,+Wellington  
to:Logan+Brown+Restaurant,+Cuba+Street,+Wellington+  
to:Carter+Observatory,+Wellington+  
to:Botanic+Garden+Wellington+  
to:Bracken+Street,+Petone,+Wellington+  
to:Parumoana+Street,+Porirua+Central,+Wellington+  
to:Samuel+Marsden+Collegiate+School,+Karori,+Wellington+  
to:Karori+Cemetery+Office,+Karori,+Wellington+to:New+Zealand+  
to:(Wellington+Zoo+to:Daniell+Street)+  
to:Picton,+Marlborough  

http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington,+6011&daddr=&geocode=FS0Civ0d+-lgCiHwq50kYu8ADw%3BFq3w0dLygvdrCinPqoWpx84bTFKhrxbFki7pQ%3BFe_jf0dY9IqCiE0iji2FUCRA+-BFfRcNiv0d+-LtqCiF1iJi8GxQc3Q%3BسوقRiv0dZL1qCiEQq50kYu8ADw%3BFr8iv0dLaxsCinjxA9Qsa4bTH4pjiVjWc0Bq%3BFV5gjp0ds9xrCinZ0DPqic1M_bTHznpQ4J1lUgkA%3BFwNiv0dwGFqCiHv3rmMuoiHi3Q%3BFEXciv0dX1qCiFl28kwtrAcVg%3BFWFwFt0dwf5qCiEahbJX6Dn3A%3BFZ_0if0dAbtaFicjFONsk6Y5bTFg0XmEhu8ABQ&mra=ls&sl=41.225758,174.819061&sspn=0.358409,0.4422&ie=UTF8&z=9 |

| # 1 Frank Kitts Memorial Sundial | Starting point and the Sundials Trail Hub  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington,+6011&daddr=&geocode=FS0Civ0d+-lgCiHwq50kYu8ADw&sl=en&mra=ls&sl=41.287123,174.778879&sspn=0.044759,0.055275&ie=UTF8&z=14 |

| # 2 Sundial Clyde Quay Boat Harbour, Oriental Parade |  
2.1 Walking  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&daddr=Unknown+road&hl=en&geocode=FS0Civ0d+-lgCiHwq50kYu8ADw%3BFZ_0if0dpQNrcQ&mra=ls&dirFlg=w&sl=-41.289465,174.147&sspn=0.005595,0.006909&ie=UTF8&z=17  

2.2 Driving  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&daddr=Herd+St&geocode=FS0Civ0d+-lgCiHwq50kYu8ADw%3BFcblwQrCq&mra=ls&dirFlg=w&sl=-41.289835,174.782374&sspn=0.011189,0.013819&ie=UTF8&z=16 |
<table>
<thead>
<tr>
<th>Reference number</th>
<th>Clickable links for Google Maps an instructions</th>
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</thead>
</table>
| **# 3 National Bank Sundial Cuba Street** | **3.1 Walking**  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=Herd+Street,+Oriental+Bay,+Wellington&daddr=192+Cuba+Street,+Te+Aro,+Wellington&geocode=FQ3wifo0ydrCInPqoWpz684bTFKhrxbFki7jgQ%3BFSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA&hl=en&mra=ls&dirflg=w&sll=-41.293865,174.78066&sspn=0.011189,0.013819&ie=UTF8&z=16  

3.2 Driving  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=Herd+Street,+Oriental+Bay,+Wellington&daddr=192+Cuba+Street,+Te+Aro,+Wellington&geocode=FQ3wifo0ydrCInPqoWpz684bTFKhrxbFki7jgQ%3BFSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA&hl=en&mra=ltm&dirflg=w&sll=-41.293865,174.78066&sspn=0.011189,0.013819&ie=UTF8&z=16 |
| **# 4 Sundial of Human Involvement Botanic Garden** | **4.1.1.1 Walking via cable car**  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=280+Lambton+Quay,+Wellington+Central,+Wellington&geocode=FSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA%3BFSYoNivOdStqCi8tzuW1a84bTFKZMEW7kTFpw&hl=en&mra=ls&dirflg=w&sll=-41.298545,174.77579&sspn=0.011189,0.013819&ie=UTF8&z=16  

4.1.1.2 Cable car route  
(problem with Google maps – please click onto the train symbol to get cable car route and deselect driving instruction – you may need to ‘add a destination = add Cable car museum and then click the middle icon to get cable car data, or try this:  
http://www.cablecarmuseum.co.nz/contact-us)  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=280+Lambton+Quay,+Wellington+Central,+Wellington&geocode=FSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA%3BFSYoNivOdStqCi8tzuW1a84bTFKZMEW7kTFpw&hl=en&mra=ltm&dirflg=r&ttype=dep&date=31%2F01%2F11&time=22:46&noexp=0&noal=0&sort=def&sll=-41.298545,174.775765&sspn=0.011189,0.013819&ie=UTF8&z=15&start=0  

4.1.2 Walking up hill  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=Carter+Observatory,+Salamanca+Road,+Wellington&geocode=FSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA%3BFSYoNivOd-LtqCi1fUC8GxCq3Q&hl=en&mra=ltm&dirflg=w&sll=-41.298655,174.771295&sspn=0.011189,0.013819&ie=UTF8&z=16  

4.2 Driving (as above)  
http://maps.google.co.nz/maps?f=d&source=s_d&addr=192+Cuba+Street,+Te+Aro,+Wellington&daddr=Carter+Observatory,+Salamanca+Road,+Wellington&geocode=FSjikif0dYdIqCi7jZn2K84bTH9tnSUCzFqiA%3BFSYoNivOd-LtqCi1fUC8GxCq3Q&hl=en&mra=ltm&dirflg=w&sll=-41.298655,174.771295&sspn=0.011189,0.013819&ie=UTF8&z=16  

4.3 The Botanic Garden Map  
## Appendix C. Maps and instructions provided by clickable links to Google Maps

<table>
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<th>Reference number</th>
<th>Clickable links for Google Maps an instructions</th>
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</thead>
</table>
| #5 Centennial Sundial Sound Shell Botanic Garden | **5.1 Walking The Botanic Garden Map**  
**5.2 Driving**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Carter+Observatory,+Wellington&daddr=101+Glenmore+Street,+Kelburn,+Wellington&geocode=FRcNiv0d-LtqCIf1fJC8GxCq3Q%3BFc0Ziv0d4cJqCimzUTeX1LE4bTH6iqQdFqDmFg&hl=en&mra=ls&ll=-41.283934,174.767075&sspn=0.021832,0.038495&ie=UTF8&ll=-41.28495,174.76229&spn=0.011319,0.019248&z=16](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Carter+Observatory,+Wellington&daddr=101+Glenmore+Street,+Kelburn,+Wellington&geocode=FRcNiv0d-LtqCIf1fJC8GxCq3Q%3BFc0Ziv0d4cJqCimzUTeX1LE4bTH6iqQdFqDmFg&hl=en&mra=ls&ll=-41.283934,174.767075&sspn=0.021832,0.038495&ie=UTF8&ll=-41.28495,174.76229&spn=0.011319,0.019248&z=16) |
| #6 Herb Garden Sundial Botanic Garden | **Walking The Botanic Garden Map**  
| #7 Bracken Street Petone Te Omanga Sundial | **Driving**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=101+Glenmore+Street,+Kelburn,+Wellington&daddr=Bracken+Street,+Petone,+Wellington&geocode=Fc0Ziv0d4cJqCimzUTeX1LE4bTH6iqQdFqDmFg%3BFr8iv0dLaxxCinxjA9Qsas4bTH4pJlvWC0Bq&hl=en&mra=ls&ll=-41.24995,S.830845&sspn=0.179138,0.2211&ie=UTF8&z=12](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=101+Glenmore+Street,+Kelburn,+Wellington&daddr=Bracken+Street,+Petone,+Wellington&geocode=Fc0Ziv0d4cJqCimzUTeX1LE4bTH6iqQdFqDmFg%3BFr8iv0dLaxxCinxjA9Qsas4bTH4pJlvWC0Bq&hl=en&mra=ls&ll=-41.24995,S.830845&sspn=0.179138,0.2211&ie=UTF8&z=12)  
**7.1 Driving from Petone to Poirua**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Bracken+Street,+Petone,+Wellington&daddr=Parumoana+Street,+Porirua+Central,+Wellington&hl=en&geocode=Ffr8iv0dLaxxCinxjA9Qsas4bTH4pJlvWC0Bq%3BFV5gIP0ds9xcInZ0DPqc1M_bTHznQP4J1UGkA&mra=ls&ll=-41.292494,174.773235&sspn=0.358044,0.4422&g=Wellington&ie=UTF8&z=12](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Bracken+Street,+Petone,+Wellington&daddr=Parumoana+Street,+Porirua+Central,+Wellington&hl=en&geocode=Ffr8iv0dLaxxCinxjA9Qsas4bTH4pJlvWC0Bq%3BFV5gIP0ds9xcInZ0DPqc1M_bTHznQP4J1UGkA&mra=ls&ll=-41.292494,174.773235&sspn=0.358044,0.4422&g=Wellington&ie=UTF8&z=12)  
**7.2 Driving street detail Poirua**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Norrie+Street&geocode=FV5gIP0ds9xcInZ0DPqc1M_bTHznQP4J1UGkA%3BFsRjPi0d9DrCq&hl=en&mra=dme&mrccr=0&mrsp=1&sz=19&ll=-41.132035,174.84037&sspn=0.001402,0.001727&ie=UTF8&z=19](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Norrie+Street&geocode=FV5gIP0ds9xcInZ0DPqc1M_bTHznQP4J1UGkA%3BFsRjPi0d9DrCq&hl=en&mra=dme&mrccr=0&mrsp=1&sz=19&ll=-41.132035,174.84037&sspn=0.001402,0.001727&ie=UTF8&z=19) |
| #8 Poirua Sundial | **Driving**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&geocode=FfwNiv0dwGFqCIf1f3hmMuHi3Q&hl=en&mra=ls&ll=-19.711863,-124.536489&sspn=151.26038,226.40625&ie=UTF8&z=12](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Parumoana+Street,+Porirua+Central,+Wellington&daddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&geocode=FfwNiv0dwGFqCIf1f3hmMuHi3Q&hl=en&mra=ls&ll=-19.711863,-124.536489&sspn=151.26038,226.40625&ie=UTF8&z=12) |
| #9 Samuel Marsden Collegiate School | **Driving**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&daddr=Karori+Cemetery+Office,+Karori,+Wellington&geocode=FfwNiv0dwGqCIf1f3hmMuHi3Q%3BFUXEciv0d4x1gCIfF28kwJrAcVq&mra=ls&ll=-41.2841,174.7444&sspn=0.011319,0.019248&ie=UTF8&z=17](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&daddr=Karori+Cemetery+Office,+Karori,+Wellington&geocode=FfwNiv0dwGqCIf1f3hmMuHi3Q%3BFUXEciv0d4x1gCIfF28kwJrAcVq&mra=ls&ll=-41.2841,174.7444&sspn=0.011319,0.019248&ie=UTF8&z=17) |
| #10 Matthew Holmes Memorial Sundial | **Driving**  
[http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&daddr=Matthew+Holmes+Memorial+Sundial&geocode=FfwNiv0dwGqCIf1f3hmMuHi3Q%3BFUXEciv0d4x1gCIfF28kwJrAcVq&mra=ls&ll=-41.2841,174.7444&sspn=0.011319,0.019248&ie=UTF8&z=17](http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Samuel+Marsden+Collegiate+School,+Karori,+Wellington&daddr=Matthew+Holmes+Memorial+Sundial&geocode=FfwNiv0dwGqCIf1f3hmMuHi3Q%3BFUXEciv0d4x1gCIfF28kwJrAcVq&mra=ls&ll=-41.2841,174.7444&sspn=0.011319,0.019248&ie=UTF8&z=17) |
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<tr>
<th>Reference number</th>
<th>Clickable links for Google Maps an instructions</th>
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</table>
| # 11 Memorial Sundial Zoo | Driving from Karori Cemetery Office to Wellington Zoo  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Karori+Cemetery+Office,+Karori,+Wellington&daddr=New+Zealand+(Wellington+Zoo+-+Daniell+Street)&geocode=FXEciv0dX1qGIF28kwJrAcVq%3BFWFWFi0dWf5qCitEahJX6Dnf3A&hl=en&mra=pd&mrcr=0&sll=-41.299989,174.841039&sspn=0.179001,0.2211&ie=UTF8&z=14 |  
| # 12 Holy Trinity Church Picton | Driving between Picton and the Frank Kitts Memorial Sundial  
12.1 Driving Picton  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=38+York+Street,+Picton+7220+(Holy+Trinity+Anglican+Church)&daddr=Interisland+Ferry+terminal+++Picton&geocode=FeLiif0dnhBfCIEzTkO4Gr6Q%3BFcsKvOdBeBlCIeR3-5wGRmvZg&hl=en&mra=pd&mrcr=0&sll=-41.312505,173.593427&sspn=0.71586,0.884399&ie=UTF8&ll=-41.290125,174.003954&spn=0.022378,0.027637&z=15  
12.2 Driving to Frank Kitts Memorial Sundial  
http://maps.google.co.nz/maps?f=d&source=s_d&saddr=Interislander+Ferry+Terminal,+Wellington&daddr=Frank+Kitts+Park,+Wellington+Central,+Wellington&hl=en&geocode=Fdzalf0duA lrCimt79yZPa44bTFZ4Ke71eW9iw%3BFSoCiv0d-IqCihq80kYu8ADw&mra=ls&sll=-41.263356,174.395599&sspn=0.698861,1.231842&ie=UTF8&ll=-41.276,174.783382&spn=0.045283,0.07699&z=14 |  

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- Julie Hood, Wellington
- Robyn Pearce, Wellington.

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