Monitoring of evacuees’ cars in the shelters in Mashiki Town from optical satellite images

April 25, 2016

Wen LIU and Fumio Yamazaki
Chiba University
Locations of shelters in Mashiki Town, Kumamoto Pref., Japan

The study area

There are 15 official shelters in Mashiki Town, Kumamoto Pref., Japan. Eight shelters locate in the common areas of three temporal optical satellite images.

Shelters in the study area and three VHR images
a. Hiroyasu-Nishi Primary School

広安西小学校

4/15

4/17

4/20

Pléiades @CNES – Distribution Astrium Services/Spot Image S.A.

Pléiades @CNES – Distribution Astrium Services/Spot Image S.A.
b. Hiroyasu Primary School
広安小学校

[Map and Satellite Images for Hiroyasu Primary School]
C. Mashiki Health and Welfare Center
益城町保健福祉センター
d. Mishiki Kinder Garten
益城町立益城幼稚園
e. Moshiki Community Center

益城町公民館

4/15

4/17

4/20

Pléiades @CNES – Distribution Astrium Services/Spot Image S.A.
f. Mashiki Gymnasium
益城町総合体育館

4/15

4/17

4/20

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g. Community Center Fukuda Branch
益城町公民館福田分館
h. Mashiki No. 5 Nursery
益城町立第五保育所
Change of the number of vehicles parking in the shelters in Mashiki Town in the three-temporal satellite images

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of the shelters</th>
<th>Name of the shelters in Japanese</th>
<th>From 4/15 to 4/17</th>
<th>From 4/17 to 4/20</th>
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<tr>
<td>a</td>
<td>Hiroyasu-Nishi Primary School</td>
<td>広安西小学校</td>
<td>Increase</td>
<td>Decrease</td>
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<tr>
<td>b</td>
<td>Hiroyasu Primary School</td>
<td>広安小学校</td>
<td>Increase</td>
<td>Increase</td>
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<td>c</td>
<td>Mashiki Health and Welfare Center</td>
<td>益城町保健福祉センター</td>
<td>Increase</td>
<td>Increase</td>
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<td>d</td>
<td>Mishiki Kinder Garten</td>
<td>益城町立益城幼稚園</td>
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<tr>
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<td>Mashiki Gymnasium</td>
<td>益城町総合体育館</td>
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<tr>
<td>h</td>
<td>Mashiki No. 5 Nursery</td>
<td>益城町立第五保育所</td>
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<td>No change</td>
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</tbody>
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