**桜島マリンレーダ観測　顕著事例データリスト(2018.06.19　.M.Maki)**

Noおよび時刻のアンダーラインは爆発的噴火，Noの＊は国交省のカメラ映像有

画面サイズ：

1NM 1280×1280ピクセル（2018年4月23日まで）1pixl分解能　4.34m

1.5NM 1024×1024ピクセル（2018年4月25日以降）1pixl分解能3.617m

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| N0 | ファイル名 | 時刻 | 噴煙高度(m) | 流向 | 噴石 | 写真 |  |
|  |  |  |  |  |  |  |  |
| **1** | **ani01\_20180411\_17221187\_17364883\_good** | **17:22** | **1000** | **E** | **x** |  | **2回の噴火，噴石，噴煙柱，G** |
| **2\*** | **ani02\_20180416\_13230022\_13345898\_good** | **13:23** | **2500** | **SE** | **x** | **〇** | **噴煙柱，要チェック，good** |
| **3\*** | **ani03\_20180422\_00380067\_00465990\_good** | **00:38** | **2100** | **T** | **5** | **〇** | **噴煙柱OK，噴石** |
| 4 | ani04\_20180422\_11440114\_11595992\_g | 11:44 | 1600 | N | - |  | 噴煙柱OK，移流方向はE？ |
| 5\* | ani05\_20180423\_05460074\_05545997\_g | 05:46 | 2800 | NE | 8 | 〇 | 噴石，噴煙柱OK |
| 6 | ani06\_20180425\_08260035\_08311055\_g | 08:26 | 1800 | SE | x |  | 噴石明瞭，噴煙柱の成長 |
| 7 | ani07\_20180425\_14500066\_14595918\_g |  |  |  |  |  | 噴煙柱の成長 |
| 8 | ani08\_20180426\_00484085\_00595942\_g | 00:48 | x | x | x |  | 噴石，噴煙柱成長，2000m以上 |
| 9\* | ani09\_20180426\_11160121\_11264832\_g | 11:16 | 2000 | T | - | 〇 | 複数回噴火，噴煙は西降下，鳥 |
| **10\*** | **ani10\_20180426\_23273045\_23465416\_good** | **23:27** | **2100** | **E** | **4** | **〇** | **噴石大，噴煙柱** |
| 11 | ani11\_20180427\_01555111\_02195890\_g | 01:55 | >200 | NE | 7 |  | 噴石，噴煙柱の成長 |
| 12 | ani12\_20180427\_07180076\_07355978\_g | 07:18 | 1900 | SE | - |  | 噴煙柱の成長 |
| 13 | ani13\_20180428\_07090024\_07135936\_g | 07:08 | 2400 | SW | - |  | 噴煙柱の成長，巻き込む噴煙？ |
| 14 | ani14\_20180428\_20160033\_20255913\_g | 20:15 | 1700 | T |  |  | 弱い噴煙柱の成長 |
| 15 | ani15\_20180428\_23513940\_00095896\_g | 23:51 | 1100 | T | - |  | 弱い噴煙柱の成長 |
| 16\* | ani16\_20180429\_11143037\_11243815\_g | 11:14 | 1800 | NE | - | 〇 | 噴石，噴煙柱の成長 |
| **17\*** | **ani17\_20180429\_21130036\_21295897\_good** | **21:13** | **2600** | **NE** | **6** | **〇** | **明瞭噴石，噴煙柱の成長，NE?** |
| 18 | ani18\_20180430\_20354009\_204958887\_rain | 20:35 | 1500 | SE | 8 |  | 噴石，継続する弱噴煙と降水？ |
| 19 | ani19\_20180501\_01531361\_02045934\_g | 01:53 | 1800 | E | - |  | 噴石小規模，噴煙柱，レーダ揺 |
| 20 | ani20\_20180502\_06450085\_06582835\_g | 06:45 | x | x | x |  | 噴石，降水中，噴煙レーダ方向 |
| **21** | **ani21\_20180503\_08402913-08481716\_good** | **08:40** | **1500** | **SE** | **-** |  | **噴石，複数回噴煙，波動状** |
| **22\*** | **ani22\_20180504\_22090043-22185903\_good** | **22:09** | **2800** | **SE** | **5** | **〇** | **噴石，噴煙柱加速，VL1** |
| 23 | ani23\_20180505\_14390048-14959999\_g | 14:39 | 1600 | E |  |  | 噴火，噴煙柱，連続噴煙 |
| **24\*** | **ani24\_20180510\_19220066-19315847\_good** | **19:22** | **2800** | **S** | **8** | **〇** | **噴石，main噴火噴煙高度が高** |
| **25** | **ani25\_20180511\_08551617-09065945\_good** | **08:55** | **1900** | **NW** | **-** |  | **噴石，噴煙柱，レーダ降灰，NW?** |
| 26 | ani26\_20180511\_12023863-12095447\_g | 12:02 | 1300 | NE | - |  | 噴石，弱噴煙柱，弱連続噴煙 |
| **27\*** | **ani27\_20180512\_11512349-11574196\_good** | **11:51** | **2500** | **N** | **-** | **〇** | **噴石2回，噴煙柱成長，N？** |
| 28 | ani28\_20180512\_21395078-21433419 | 21:38 | 300 | N? | 7 |  | 低噴煙柱，成長速度計算可能， |
| 29 | ani29\_20180513\_12570240-13033043\_g | 12:57 | 1100 | E | x |  | 複数回噴火，レーダサイト降灰 |
| 30 | ani30\_20180514\_00425687-00471407\_g | 00:42 | 1800 | SE | 9 |  | 弱い噴火，噴煙柱 |
| 31 | ani31\_20180514\_06571716-07013539\_g | 06:57 | 1900 | SE | x |  | 明瞭な噴石，噴煙柱 |
| 32\* | ani32\_20180514\_09221328-09253132\_g | 09:22 | 2200 | SE | x | 〇 | 噴石，噴煙柱，レーダ方向へ |
| 33 | ani33\_20180514\_17414101-17444458\_g | 17:41 | 1500 | S | - |  | 2回の噴石，噴煙柱 |
| 34 | ani34\_20180514\_20483575-20513965\_g | 20:48 | 2000 | S | 8 |  | 噴石，弱い噴煙柱 |
| **35\*** | **ani35\_20180515\_08083441-08300012\_good** | **08:08** | **2500** | **T** | **-** |  | **噴石，噴煙柱成長，レーダ接近** |
| **36** | **ani36\_20180515\_15124524-15320912\_good** | **15:13** | **2700** | **T** | **-** | **〇** | **噴石，噴煙柱の成長** |
| 37\* | ani37\_20180516\_22201561-22310420\_g | 22:20 | 2200 | NE | 7 | 〇 | 弱い噴煙，downslope |
| **38** | **ani38\_20180517\_10141926-10242072\_good** | **10:14** | **1000** | **E** | **x** |  | **噴石，噴煙柱がレーダへ** |
| 39 | ani39\_20180518\_03082517-03144879\_g | 03:08 | x | x | x |  | 噴石，噴煙柱がレーダへ |
| 40 | ani40\_20180518\_16282774\_16342457\_g | 16:28 | 1200 | SE | x |  | 噴石，継続的噴煙がレーダへ |
| 41 | ani41\_20180519\_13125328\_13244350\_g | 13:12 | 1900 | SE | x |  | 噴石，噴煙柱ゆっくり東へ |
| 42 | ani42\_20180520\_00455444\_00591530\_g | 00:45 | 800 | T | 6 |  | 噴煙東，ストリーク状降灰エコ |
| 43\* | ani43\_20180520\_02091671\_02242535\_g | 02:08 | 1300 | E | 9 | 〇 | 噴煙柱，レーダ上空噴煙エコー |
| **44** | **ani44\_20180520\_04095977\_04210579\_good** | **04:09** | **300** | **T** | **6** |  | **噴石，噴煙柱高さ2000m以上** |
| 45 | ani45\_20180521\_09103288\_09110979\_rain | 09:10 | 700 | W | x |  | Rain，明瞭な噴石，噴煙柱なし |
| 46\* | ani46\_20180522\_04455750\_04484356\_g | 04:45 | 1500 | W | 5 | 〇 | 明瞭な噴石，噴煙は西へ |
| **47** | **ani47\_20180522\_19485872\_20034874\_good** | **19:48** | **-** | **-** | **5** |  | **明瞭な噴石，鉛直シア噴煙** |
| **48** | **ani48\_20180523\_23582126\_00051528\_good** | **23:58** | **1900** | **SE** | **5** |  | **明瞭な噴石　噴煙柱** |
| **49** | **ani49\_20180524\_15343115\_15403556\_good** | **15:34** | **2000** | **SW** | **-** |  | **明瞭噴石　噴煙柱速度小** |
| **50\*** | [**ani50\_20180524\_19374913\_19504402**](file:///H:\ani_20180524_19374913-19504402.gif)**\_good** | **19:37** | **3200** | **SW** | **5** | **〇** | **明瞭噴石　噴煙柱速度小** |
| **51** | **ani51\_20180525\_10430849\_10480036\_good** | **10:43** | **1800** | **N** | **-** |  | **明瞭な噴石　小規模連続噴火** |
| **52\*** | **ani52\_20180525\_13260046\_13345904\_good** | **13:26** | **3000** | **NE** | **6** | **〇** | **明瞭な噴石** |
| **53** | **ani53\_20180525\_19000489-19163618\_good** | **19:00** | **3000** | **N** | **8** |  | **噴石　明瞭噴煙柱　複数** |
| 54 | \*ani54\_20180525\_22011483-22065414\_rain | 22:01 | 2200 | NE |  |  | Rain good　噴煙高度高い |
| **55** | **\*ani55\_20180529\_03343500-03545414\_good** | **03:34** | **2500** | **T** | **6** |  | **明瞭な噴石　噴煙柱　good** |
| **56** | **\*ani56\_20180530\_08010768-08211578\_exc** | **08:01** | **2500** | **E** |  |  | **Excerent　レーダサイト上空** |
| 57 | \*ani57\_20180531\_11454884-11490928\_rain | 11:45 | 1700 | SE | - |  | 小噴火　rain |

桜島マリンレーダ観測　事例データリスト **作業用**　(2018.06.M.Maki)

Noおよび時刻のアンダーラインは爆発的噴火，Noの＊は国交省のカメラ映像有

画面サイズ：

1NM 1280×1280ピクセル（2018年4月23日まで）1pixl分解能　4.34m

1.5NM 1024×1024ピクセル（2018年4月25日以降）1pixl分解能3.617m

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | ファイル名 | 時刻 | 噴煙高度(m) | 流向 | 噴石 | 写真 |  |
|  |  |  |  |  |  |  |  |
|  | [**ani\_20180411\_17221187\_17364883\_good**](ani_20180411_17221187_17364883_good.gif) | **17:22** | **1000m** | **E** | **x** |  | **2回の噴火，噴石，噴煙柱，G** |
|  | [ani\_20180412\_17242021\_17295887](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180412_17242021_17295887.gif) | 17:24 | 1100m | SE | - |  | 弱い |
|  | [ani\_20180413\_04274375\_04295943](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180413_04274375_04295943.gif) | 04:27 | 1400m | S | - |  |  |
| \* | [ani\_20180414\_02480206\_02545906](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180414_02480206_02545906.gif) | 02:48 | 1100m | NE | 7 | 〇 | 噴石 |
|  | [ani\_20180414\_04551385\_04595882](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180414_04551385_04595882.gif) | 04:55 | - | - | 7 |  | 噴石 |
|  | [ani\_20180414\_09060030\_09145921](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180414_09060030_09145921.gif) | 09:06 | - | - | x |  | 降水 |
|  | [ani\_20180414\_11110041\_11165949](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180414_11110041_11165949.gif) | 11:11 | - | - | x |  | 降水 |
| **\*** | [**ani\_20180416\_13230022\_13345898**](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180416_13230022_13345898.gif)**\_good** | **13:23** | **2500m** | **SE** | **x** | **〇** | **噴煙柱，要チェック，good** |
| \* | [20180419\_1458trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180419_1458trim.mp4) | 14:58 | 1500 | S | - | 〇 |  |
|  | [20180419\_1524trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180419_1524trim.mp4) | 15:24 | 1200 | S | - |  |  |
|  |  | 16:05 | 1500 | W | - |  |  |
|  |  | 16:28 | 1000 | T | - |  |  |
|  | 20180420 | 16:05 | 1500 | W |  |  |  |
|  |  | 16:28 | 1000 | T |  |  |  |
| \* | [20180422\_0038trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180422_0038trim.mp4) | 00:38 | 2100 | T | 5 | 〇 | 噴煙柱OK，噴石をチェック |
|  | [20180422\_0704trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180422_0704trim.mp4) | 07:04 | 1000 | N | - |  |  |
|  | [20180422\_1144trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180422_1144trim.mp4) | 11:44 | 1600 | N | - |  | 噴煙柱OK，移流方向はE？ |
| \* | [20180422\_1742trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180422_1742trim.mp4) | 17:42 | 1000 | T | - | 〇 | 噴石 |
| \* | [20180422\_2208trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180422_2208trim.mp4) | 22:08 | 1000 | NE | 8 | 〇 | 噴石 |
| \* | [20180423\_0418trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180423_0418trim.mp4) | 04:18 | 800 | N | 6 | 〇 | 噴石のみ？ |
| \* | [20180423\_0546trim.mp4](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\20180423_0546trim.mp4) | 05:46 | 2800 | NE | 8 | 〇 | 噴石，噴煙柱OK |
|  |  | 09:46 | >1800 | NE | - |  |  |
|  |  | 13:01 | 800 | N | x |  |  |
|  |  | 23:11 | 700 | T | 8 |  |  |
|  | [ani\_20180425\_03560028\_03595944](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_03560028_03595944.gif) | 03:56 | x | x | x |  | 噴石，噴煙弱い，アンテナの揺れ |
|  | [ani\_20180425\_04000067\_04095879](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_04000067_04095879.gif) |  |  |  |  |  | 継続する弱い噴煙 |
|  | [ani\_20180425\_04100004\_04165973](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_04100004_04165973.gif) |  |  |  |  |  | 継続する弱い噴煙 |
|  | [ani\_20180425\_07380104\_07425945](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_07380104_07425945.gif) | 07:38 | >600 | SE | x |  | 噴石，弱い噴煙 |
|  | [ani\_20180425\_08260035\_08311055](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_08260035_08311055.gif)\_g | 08:26 | 1800 | SE | x |  | 噴石明瞭，噴煙柱の成長 |
|  | [ani\_20180425\_14480072\_14495941](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_14480072_14495941.gif) | 14:48 | 700 | SE |  |  | 噴石，弱い噴煙 |
|  | [ani\_20180425\_14500066\_14595918](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180425_14500066_14595918.gif)\_g |  |  |  |  |  | 噴煙柱の成長 |
|  | [ani\_20180426\_00484085\_00595942](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180426_00484085_00595942.gif)\_g | 00:48 | x | x | x |  | 噴石，噴煙柱の成長，2000m以上 |
|  | [ani\_20180426\_04562007\_05125935](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180426_04562007_05125935.gif) | 04:56 | >500 | T | 8 |  | 噴石，弱い噴煙 |
|  | [ani\_20180426\_10210107\_10265984](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180426_10210107_10265984.gif) | 10:21 | 1300 | T | x |  | 噴石，弱い噴煙 |
| \* | [ani\_20180426\_11160121\_11264832](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180426_11160121_11264832.gif)\_g | 11:16 | 2000 | T | - | 〇 | 複数回噴火，噴煙は西降下，鳥 |
| \* | [ani\_20180426\_23273045\_23465416\_good](ani_20180426_23273045_23465416_good.gif) | 23:27 | 2100 | E | 4 | 〇 | 噴石大，噴煙柱 |
|  | [ani\_20180427\_01555111\_02195890](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180427_01555111_02195890.gif)\_g | 01:55 | >200 | NE | 7 |  | 噴石，噴煙柱の成長 |
|  | [ani\_20180427\_07180076\_07355978](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180427_07180076_07355978.gif)\_g | 07:18 | 1900 | SE | - |  | 噴煙柱の成長 |
|  | [ani\_20180428\_07090024\_07135936](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180428_07090024_07135936.gif)\_g | 07:08 | 2400 | SW | - |  | 噴煙柱の成長，巻き込む噴煙？ |
|  | [ani\_20180428\_20160033\_20255913](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180428_20160033_20255913.gif)\_g | 20:15 | 1700 | T |  |  | 弱い噴煙柱の成長 |
|  | [ani\_20180428\_23513940\_00095896](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180428_23513940_00095896.gif)\_g | 23:51 | 1100 | T | - |  | 弱い噴煙柱の成長 |
|  | [ani\_20180429\_05120031\_05235906](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180429_05120031_05235906.gif) | 05:15 | 1200 | N | - |  | 弱い噴煙 |
| \* | [ani\_20180429\_11143037\_11243815](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180429_11143037_11243815.gif)\_g | 11:14 | 1800 | NE | - | 〇 | 噴石，噴煙柱の成長 |
|  | [ani\_20180429\_13131251\_13195982](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180429_13131251_13195982.gif) | 13:12 | 1600 | T | - |  | 弱い噴煙柱 |
|  | [ani\_20180429\_20570071\_21045919](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180429_20570071_21045919.gif) | 20:56 | 1100 | NE | 9 |  | 弱い噴煙柱 |
| \* | [ani\_20180429\_21130036\_21295897\_good](ani_20180429_21130036_21295897_good.gif) | 21:13 | 2600 | NE | 6 | 〇 | 明瞭噴石，噴煙柱の成長，NE? |
|  | [ani\_20180430\_20290072\_20353886](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180430_20290072_20353886.gif) |  |  |  |  |  | 弱い噴煙？山の降水 |
|  | [ani\_20180430\_20354009\_20495888](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180430_20354009_20495888.gif)7\_rain | 20:35 | 1500 | SE | 8 |  | 噴石，継続する弱い噴煙と降水？ |
|  | ani\_20180430\_20500010\_21015882 |  |  |  |  |  | 不明（山にかかった降水） |
|  | [ani\_20180501\_01531361\_02045934](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180501_01531361_02045934.gif)\_g | 01:53 | 1800 | E | - |  | 噴石小規模，噴煙柱，レーダの揺れ |
|  | [ani\_20180502\_06450085\_06582835](file:///C:\Users\maki\AppData\Roaming\Microsoft\Word\ani_20180502_06450085_06582835.gif)\_g | 06:45 | x | x | x |  | 噴石，降水中，噴煙レーダ方向へ |
|  | ani\_20180502\_13000070\_13083867 |  |  |  |  |  | 参考，降水エコー |
|  | ani\_20180502\_13083990\_13183923 |  |  |  |  |  | 参考，降水エコー |
|  | ani\_20180502\_13184044-13293961 |  |  |  |  |  | 参考，降水エコー |
|  | ani\_20180502\_13294083-13421554 |  |  |  |  |  | 参考，降水エコー |
|  | ani\_20180502\_13421678-13555037 |  |  |  |  |  | 参考，降水エコー |
|  | [**ani\_20180503\_08402913-08481716\_good**](ani_20180503_08402913-08481716_good.gif) | **08:40** | **1500** | **SE** | **-** |  | **噴石，複数回噴煙，波動状** |
|  | ani\_20180503\_14330037-14385820 | 14:33 | 1000 | SE | - |  | 背の低い噴煙柱 |
|  | [ani\_20180504\_19120033-19192463](ani_20180504_19120033-19192463.gif) | 19:12 | 1300 | SE | - |  | 噴石，噴煙柱小 |
| **\*** | [**ani\_20180504\_22090043-22185903\_good**](ani_20180504_22090043-22185903_good.gif) | **22:09** | **2800** | **SE** | **5** | **〇** | **噴石，噴煙柱加速，VL1** |
|  | [ani\_20180505\_14390048-14959999](ani_20180505_14390048-14959999.gif)\_g | 14:39 | 1600 | E |  |  | 噴火，噴煙柱，連続噴煙 |
|  | ani\_20180505\_16350000-16355980 | 16:35 | 1000 | NE |  |  | No echo |
|  | ani\_20180505\_16590036-16595904 | 16:59 | 1300 | NE |  |  | No echo |
|  | ani\_20180505\_18290039-18295952 | 18:29 | 1100 | S |  |  | No echo |
|  | ani\_20180510\_07590068-07595960 | 07:59 | 1200 | S |  |  | No echo |
|  | ani\_20180510\_08300026-08305912 | 08:30 | 1300 | S |  |  | No echo |
|  | ani\_20180510\_09550043-09555906 | 09:55 | 1200 | S |  |  | 弱い連続噴煙 |
|  | ani\_20180510\_10390079-10395928 | 10:39 | 1300 | S |  |  | No echo |
|  | ani\_20180510\_11480024-11485975 | 11:48 | 1500 | S |  |  | No echo |
| **\*** | [**ani\_20180510\_19220066-19315847\_good**](ani_20180510_19220066-19315847_good.gif) | **19:22** | **2800** | **S** | **8** | **〇** | **噴石，main噴火噴煙高度が高** |
|  | [ani\_20180510\_19570047-19595906](ani_20180510_19570047-19595906.gif) | 19:57 | 1500 | S | - |  | 出続ける噴煙中に噴火，小規模 |
|  | **ani\_20180511\_08551617-09065945\_good** | **08:55** | **1900** | **NW** | **-** |  | **噴石，噴煙柱，レーダ降灰，NW?** |
|  | ani\_20180511\_12023863-12095447\_g | 12:02 | 1300 | NE | - |  | 噴石，弱い噴煙柱，弱い連続噴煙 |
|  |  | 12:49 | 1100 | SE | - |  | 欠測　HD交換時 |
|  | ani\_20180511\_13510015-13515976 | 13:51 | 1200 | SE | - |  | 弱い連続噴煙 |
|  | ani\_20180511\_14400073-14405904 | 14:40 | 1400 | T | - |  | 弱い連続噴煙，T? |
|  | ani\_20180511\_15100021-15105967 | 15:10 | 1200 | SE | - |  | 弱い連続噴煙 |
|  |  | 連続 |  |  |  |  | 有色噴煙中量以上 |
|  | ani\_20180511\_18000102-18005957 | 18:00 | 300 | SE | - |  | No echo |
| **\*** | **ani\_20180512\_11512349-11574196\_good** | **11:51** | **2500** | **N** | **-** | **〇** | **噴石2回，噴煙柱成長，N？** |
|  | ani\_20180512\_21395078-21433419 | 21:38 | 300 | N | 7 |  | 低噴煙柱，成長速度計算可能，N? |
|  | ani\_20180513\_12570240-13033043\_g | 12:57 | 1100 | E | x |  | 複数回噴火，レーダサイトに降灰 |
|  | ani\_20180514\_00425687-00471407\_g | 00:42 | 1800 | SE | 9 |  | 弱い噴火，噴煙柱 |
|  | ani\_20180514\_03290448-03322255 | 03:29 | 1600 | SE | 9 |  | 弱い連続噴煙 |
|  | ani\_20180514\_06571716-07013539\_g | 06:57 | 1900 | SE | x |  | 明瞭な噴石，噴煙柱 |
| \* | ani\_20180514\_09221328-09253132\_g | 09:22 | 2200 | SE | x | 〇 | 噴石，噴煙柱，レーダ方向へ |
|  | ani\_20180514\_17414101-17444458\_g | 17:41 | 1500 | S | - |  | 2回の噴石，噴煙柱 |
|  | ani\_20180514\_20483575-20513965\_g | 20:48 | 2000 | S | 8 |  | 噴石，弱い噴煙柱 |
|  | ani\_20180514\_23180026-23185935 | 23:18 | 1300 | S | - |  | No echo |
|  | ani\_20180515\_03264141-03320288 | 03:30 | 1800 | SE | - |  | 弱い噴火 |
|  | ani\_20180515\_04570052-04575982 | 04:57 | 1300 | SE | - |  | 非常に弱い連続噴煙 |
|  | ani\_20180515\_06180063-06185970 | 06:18 | 1500 | SE | - |  | 弱い連続噴煙 |
| **\*** | **ani\_20180515\_08083441-08300012\_good** | **08:08** | **2500** | **T** | **-** |  | **噴石，噴煙柱の成長，レーダ接近** |
|  | ani\_20180515\_12580052-12585927 | 12:58 | 1400 | SE | - |  | No echo |
|  | **ani\_20180515\_15124524-15320912\_good** | **15:13** | **2700** | **T** | **-** | **〇** | **噴石，噴煙柱の成長** |
|  | ani\_20180515\_16395276-16414742 | 16:38 | 1500 | WE | - |  | 弱い連続噴煙，真上 |
|  | ani\_20180515\_17180328-17231283 | 17:17 | 1500 | S | - |  | 弱い連続噴煙，真上 |
|  | ani\_20180515\_18224040-18253122 | 18:20 | 1500 | S | - |  | 弱い連続噴煙，真上 |
|  | ani\_20180516\_09375371-09400656 | 09:39 | 1300 | NE | - |  | 弱い連続噴煙 |
|  | ani\_20180516\_10092011-10133245 | 10:09 | 1300 | NE | - |  | 弱い噴火 |
|  | ani\_20180516\_17233090-17253814 | 17:23 | 1300 | N | - |  | 連続噴煙，downslope，レーダへ |
|  | ani\_20180516\_19043167-19244709 | 19:04 | 1500 | NE | - |  | 弱い噴煙，downslope |
| \* | ani\_20180516\_22201561-22310420\_g | 22:20 | 2200 | NE | 7 | 〇 | 弱い噴煙，downslope |
|  | **ani\_20180517\_10141926-10242072\_good** | **10:14** | **1000** | **E** | **x** |  | **噴石，噴煙柱がレーダへ** |
|  | ani\_20180518\_03082517-03144879\_g | 03:08 | x | x | x |  | 噴石，噴煙柱がレーダへ |
|  | ani2018051816282774\_16342457\_g | 16:28 | 1200 | SE | x |  | 噴石，継続的噴煙がレーダへ |
|  | ani2018051913125328\_13244350\_g | 13:12 | 1900 | SE | x |  | 噴石，噴煙柱ゆっくり東へ |
|  | ani2018052000455444\_00591530\_g | 00:45 | 800 | T | 6 |  | 噴煙東へ，ストリーク状降灰エコ |
| \* | ani2018052002091671\_02242535\_g | 02:08 | 1300 | E | 9 | 〇 | 噴煙柱，レーダ上空に噴煙エコー |
|  | **ani2018052004095977\_04210579\_good** | **04:09** | **300** | **T** | **6** |  | **噴石，噴煙柱高さは2000m以上** |
|  | ani2018052018561101\_18580906 | 18:56 | 1300 | W | - |  | Rain，小規模噴火，噴煙は西へ |
|  | ani2018052021120091\_21145956 | 21:11 | 1600 | W | 7 |  | Rain，噴煙柱なし，噴煙は西へ |
|  | ani2018052109103288\_09110979\_rain | 09:10 | 700 | W | x |  | Rain，明瞭な噴石，噴煙柱なし |
|  | ani2018052114334109\_14335580 | 14:33 | 300 | W | x |  | 小規模噴石　噴煙柱なし |
|  | ani2018052117420540\_17431400 | 17:41 | 1000 | W | x |  | 弱いRain 　弱い噴煙 |
|  | ani2018052120040199\_20054404 | 20:03 | 1200 | W | 8 |  | Rain，小規模噴石，噴煙柱なし |
| \* | ani2018052204455750\_04484356\_g | 04:45 | 1500 | W | 5 | 〇 | 明瞭な噴石，噴煙は西へ |
|  | **ani2018052219485872\_20034874\_good** | **19:48** | **-** | **-** | **5** |  | **明瞭な噴石，鉛直シア噴煙** |
|  | ani2018052305432203\_05483569 | 05:42 | 1000 | E | - |  | 弱い噴煙が東へ傾く |
|  | --- | 08:10 | 1000 | E | x |  | 欠測　コピー間違い |
|  | **ani2018052323582126\_00051528\_good** | **23:58** | **1900** | **SE** | **5** |  | **明瞭な噴石　噴煙柱** |
|  | ani2018052412270435\_12295300 | 12:26 | 1500 | SW | - |  | 弱い継続噴煙 |
|  | ani2018052415134507\_15145144 | 15:13 | 900 | SW | - |  | 弱い短い継続噴煙 |
|  | **ani2018052415343115\_15403556\_good** | **15:34** | **2000** | **SW** | **-** |  | **明瞭噴石　噴煙柱エコー速度小** |
| **\*** | [**ani2018052419374913\_19504402**](file:///H:\ani_20180524_19374913-19504402.gif)**\_good** | **19:37** | **3200** | **SW** | **5** | **〇** | **明瞭噴石　噴煙柱エコー速度小** |
|  | ani2018052503035775\_03070560 | 03:03 | 1600 | T | - |  | 弱い継続噴煙 |
|  | ani2018052505020113\_05065992 | 05:02 | 1500 | T | - |  | No echo |
|  | ani2018052506575035\_07003007 | 06:55 | 1500 | NW | - |  | 弱い継続噴煙 |
|  | ani2018052509022666\_09035665 | 09:00 | 1200 | NW | - |  | 弱い継続噴煙 |
|  | ani2018052509363597\_09413593 | 09:35 | 1600 | NW |  |  | 弱い継続噴煙 |
|  | **ani2018052510430849\_10480036\_good** | **10:43** | **1800** | **N** | **-** |  | **明瞭な噴石　小規模連続噴火** |
| **\*** | **ani2018052513260046\_13345904\_good** | **13:26** | **3000** | **NE** | **6** | **〇** | **明瞭な噴石** |
|  | ani2018052514000030\_14144971 | 14:07 | 1100 | NE | - |  | 極めて薄い噴煙 |
|  | ani2018052515200106\_15395984 | 15:20 | 1200 | NE | - |  | 極めて薄い噴煙柱 |
|  | ani2018052516410039\_16595879 | 16:41 | 1100 | N | - |  | 極めて薄い噴煙柱 |
|  | ani\_20180525\_18194912-18250511 | 18:19 | 1300 | N | - |  | 噴煙柱　直上へ　規模は小 |
|  | **ani\_20180525\_19000489-19163618\_good** | **19:00** | **3000** | **N** | **8** |  | **噴石　明瞭噴煙柱　複数　Good** |
|  | \*ani\_20180525\_22011483-22065414\_rain | 22:01 | 2200 | NE |  |  | Rain good　噴煙高度高い |
|  | ani\_20180526\_13294839-13300950 | 13:29 | 400 | SW | x |  | Rain　微小噴火 |
|  | ani\_20180527\_05584587-06034244 | 05:58 | 1600 | W | - |  | 明瞭な噴石　低い噴煙柱　西へ |
|  | ani\_20180528\_01244315-01291544 | 01:24 | 1200 | NE |  |  | 弱い噴煙 |
|  | ani\_20180528\_02551439-03061946 | 02:55 | 1500 | NE | 6 |  | 噴石　So so |
|  | ani\_20180528\_03420085-03465947 | 03:42 | 1500 | NE |  |  | not |
|  | ani\_20180528\_04013874-04071279 | 04:00 | 1400 | NE |  |  | 弱い噴煙 |
|  | ani\_20180529\_00384282-00460832 | 00:38 | 1200 | NE |  |  | 西へ低い弱い噴煙 |
|  | ani\_20180529\_01270084-01315971 | 01:27 | 1200 | NE |  |  | not |
|  | **\*ani\_20180529\_03343500-03545414\_good** | **03:34** | **2500** | **T** | **6** |  | **明瞭な噴石　噴煙柱　good** |
|  | ani\_20180529\_05000064-05202087  ani\_20180529\_05202209-05404285 | 05:04 | 1300 | NW |  |  | 西へ低い弱い噴煙　風強い　小噴火  西へ低い弱い噴煙 |
|  | ani\_20180529\_05404407-05595885 | 05:46 | 1500 | NW |  |  | 西へ低い弱い噴煙　小規模噴火 |
|  | ani\_20180529\_06000006-06202094  ani\_20180529\_06202216-06404308  ani\_20180529\_06404430-06595888 | 06:32 | 1200 | NW |  |  | 西へ低い弱い噴煙　小規模噴火  西へ低い弱い噴煙　後半小規模噴火  西へ低い弱い噴煙 |
|  | ani\_20180529\_07000010-07201837  ani\_20180529\_07201959-07403700  ani\_20180529\_07403822-07595893  ani\_20180529\_08000015-08201555  ani\_20180529\_08201677-08403042  ani\_20180529\_08403164-08595886 | 07:02 | 1300 | NW |  |  | 西へ低い弱い噴煙  西へ低い弱い噴煙  西へ低い弱い噴煙  西へ低い弱い噴煙  西へ低い弱い噴煙  複数噴火，小規模，弱い，西へ |
|  | ani\_20180529\_09000006-09201245  ani\_20180529\_09201367-09402511  ani\_20180529\_09402631-09595925  ani\_20180529\_10000047-10201044  ani\_20180529\_10201166-10402106  ani\_20180529\_10402226-10595888  ani\_20180529\_11000008-11200576 | 09:00 | 1300 | NW |  |  | 最後の方で噴火  直上へ弱い噴煙，複数回  西へ低い弱い噴煙，小噴火  西へ低い弱い噴煙  西へ低い弱い噴煙  西へ低い弱い噴煙　前半無し  西へ低い弱い噴煙 |
|  | ani\_20180529\_11200697-11401134  ani\_20180529\_11401255-11595912 | 11:20 | - | - | - |  | 西へ低い弱い噴煙  西へ低い弱い噴煙 |
|  | **\*ani\_20180530\_08010768-08211578\_exc** | **08:01** | **2500** | **E** |  |  | **Excerent　レーダサイト上空へ** |
|  | ani\_20180530\_08211698-08412473  ani\_20180530\_08412595-09013420  ani\_20180530\_09013540-09214219  ani\_20180530\_09214391-09415060  ani\_20180530\_09415180-09595878 | 08:31 | 1700 | E |  |  | 連続噴煙　量多い　小噴火  連続噴煙　量多い　小噴火  連続噴煙　量中位  連続噴煙  連続噴煙　弱い |
|  | ani\_20180530\_11000044-11045954 | 11:00 | 500 | NE |  |  | Rain, not |
|  | \*ani\_20180531\_11454884-11490928\_rain | 11:45 | 1700 | SE | - |  | 小噴火　rin |
|  | ani\_20180531\_18350057-18395955 | 18:35 | 1200 | S |  |  | Rain, not |

観測方位角：南岳火口方向