

| Layer               | Filter/Stride    | Output size               |
|---------------------|------------------|---------------------------|
| Input               | –                | $1 \times 51 \times 51$   |
| Conv1               | $3 \times 3 / 1$ | $32 \times 49 \times 49$  |
| Batch Normalization | –                | $32 \times 49 \times 49$  |
| Max Pool            | $2 \times 2 / 2$ | $32 \times 25 \times 25$  |
| Conv2               | $3 \times 3 / 1$ | $64 \times 23 \times 23$  |
| Batch Normalization | –                | $64 \times 23 \times 23$  |
| Max Pool            | $2 \times 2 / 2$ | $64 \times 12 \times 12$  |
| Conv3               | $3 \times 3 / 1$ | $128 \times 10 \times 10$ |
| Batch Normalization | –                | $128 \times 10 \times 10$ |
| Max Pool            | $2 \times 2 / 2$ | $128 \times 5 \times 5$   |
| Conv4               | $3 \times 3 / 1$ | $256 \times 3 \times 3$   |
| Batch Normalization | –                | $256 \times 3 \times 3$   |
| Max Pool            | $2 \times 2 / 2$ | $256 \times 2 \times 2$   |
| Conv5               | $2 \times 2 / 1$ | $512 \times 1 \times 1$   |
| Batch Normalization | –                | $512 \times 1 \times 1$   |