

WMAP Cosmological Parameters

Model: olcdm

Data: wmap9+spt+act+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.432^{+0.088}_{-0.086}$	H_0	$68.92^{+0.94}_{-0.95}$ km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.9 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5751^{+33}_{-34} μK^2
$d_A(z_{\text{eq}})$	14213^{+88}_{-89} Mpc	$d_A(z_*)$	14050^{+91}_{-92} Mpc
$D_v(z = 0.57)/r_s(z_d)$	13.40 ± 0.13	η	$(6.11 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00989 ± 0.00026	ℓ_{eq}	$139.0^{+2.9}_{-2.8}$
ℓ_*	302.02 ± 0.42	n_b	$(2.509^{+0.041}_{-0.042}) \times 10^{-7}$ cm^{-3}
n_s	0.9646 ± 0.0098	Ω_b	0.0471 ± 0.0014
$\Omega_b h^2$	0.02234 ± 0.00037	Ω_c	$0.2384^{+0.0091}_{-0.0092}$
$\Omega_c h^2$	$0.1132^{+0.0037}_{-0.0036}$	Ω_k	$-0.0027^{+0.0039}_{-0.0038}$
Ω_k	$-0.0103 < \Omega_k < 0.0047$ (95% CL)	Ω_Λ	0.717 ± 0.011
Ω_m	$0.2855^{+0.0096}_{-0.0097}$	$\Omega_m h^2$	0.1355 ± 0.0036
Ω_{tot}	$1.0027^{+0.0038}_{-0.0039}$	Ω_{tot}	$1.00 < \Omega_{\text{tot}} < 1.01$ (95% CL)
$r_s(z_d)$	152.8 ± 1.0 Mpc	$r_s(z_d)/D_v(z = 0.106)$	0.3419 ± 0.0044
$r_s(z_d)/D_v(z = 0.2)$	0.1867 ± 0.0023	$r_s(z_d)/D_v(z = 0.35)$	$0.1123^{+0.0012}_{-0.0013}$
$r_s(z_d)/D_v(z = 0.44)$	$0.09220^{+0.00096}_{-0.00098}$	$r_s(z_d)/D_v(z = 0.54)$	$0.07789^{+0.00077}_{-0.00078}$
$r_s(z_d)/D_v(z = 0.57)$	$0.07461^{+0.00072}_{-0.00074}$	$r_s(z_d)/D_v(z = 0.6)$	$0.07166^{+0.00069}_{-0.00070}$
$r_s(z_d)/D_v(z = 0.73)$	0.06179 ± 0.00056	$r_s(z_*)$	$146.15^{+0.94}_{-0.95}$
R	1.725 ± 0.013	σ_8	0.811 ± 0.019
$\sigma_8 \Omega_m^{0.5}$	0.433 ± 0.015	$\sigma_8 \Omega_m^{0.6}$	0.382 ± 0.014
A_{SZ}	< 1.1 (95% CL)	t_0	13.88 ± 0.16 Gyr
τ	0.084 ± 0.013	θ_*	$0.010402^{+0.000014}_{-0.000015}$
θ_*	$0.59598^{+0.00082}_{-0.00083}$ $^\circ$	τ_{rec}	$284.3^{+1.9}_{-2.0}$
t_{reion}	477^{+65}_{-66} Myr	t_*	376928^{+3339}_{-3399} yr
z_d	1019.97 ± 0.81	z_{eq}	3244^{+87}_{-85}
z_{rec}	$1088.42^{+0.69}_{-0.70}$	z_{reion}	$10.2^{+1.1}_{-1.0}$
z_*	$1091.30^{+0.68}_{-0.67}$		